UW Tacoma General Catalog

2026 – 2027 academic year

The University of Washington Tacoma fosters a thriving and equitable society by educating diverse learners and expanding knowledge through partnership and collaboration with all our communities.

As an urban-serving university, we:

- Expand access to higher education in an environment where every student has the opportunity to succeed
- Foster scholarship, research and creativity to address the challenging problems of our time and place
- Partner and collaborate for common good
- Catalyze the economic and social vitality of the region

UW Tacoma is the anchor tenant in Tacoma's historic downtown warehouse district, across from Union Station, the Washington State History Museum, the Museum of Glass and the Tacoma Art Museum. The campus is part of a vibrant neighborhood, with street-level space on Pacific Avenue reserved for retail use.

ABOUT THIS CATALOG

The material in this catalog has been compiled and organized to provide the reader with a comprehensive view of the programs and courses at the University of Washington Tacoma. It includes academic requirements and procedures necessary for admission and graduation. Because UW Tacoma's programs and policies are rapidly evolving, changes will occur during the period this catalog is in circulation. Students should assume the responsibility to contact their advisors or program for the most current information. The registration website gives information on courses offered, class hours and classroom locations and has the latest calendar dates, fees and details on registration. The content of this catalog is subject to change without notice and does not constitute an agreement between the University of Washington Tacoma and the student.

The catalog is produced by the Office of the Registrar at the University of Washington Tacoma, Andrea Coker-Anderson, Registrar.

Disclaimer: The University and its colleges and schools reserve the right to change the fees, the rules, and the calendar regulating admission and registration; the instruction in and the graduation from the University and its various divisions; and any other regulations affecting the student. The University also reserves the right to withdraw courses and programs at any time. It is the University's expectation that all students follow University regulations and procedures as they are stated in the General Catalog. Appeals may be filed with the student's dean or with the Vice Chancellor for Student Affairs in non-academic matters. Students are expected to observe the standards of conduct contained in the Student Conduct Code (WAC 478-121).

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ABOUT UW TACOMA

Administration

University of Washington Tacoma Officers of Administration

- Sheila Edwards Lange, Chancellor
- Andrew Harris, Executive Vice Chancellor for Academic Affairs
- Mentha Hynes-Wilson, Vice Chancellor for Student Affairs
- Sylvia James, Vice Chancellor for Finance & Administration
- Tanya Grace Velasquez, Interim Vice Chancellor for Equity and Inclusion
- Amanda Walker Richardson, Vice Chancellor for Advancement
- Joe Lawless, Chief Strategy Officer
- Ali Modarres, Assistant Chancellor for Community Partnerships

University of Washington Officers of Administration

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- Tricia Serio, Provost and Executive Vice President
- François Baneyx, Vice Provost of Innovation and Director of CoMotion
- Danny Barrow, Vice President of Enrollment Management
- Jessica Bertram, Vice President for University Business Services
- Andreas Bohman, Vice President and Chief Information Officer for Information Technology
- Rovy Branon, Vice Provost of Continuum College
- Jason Campbell, Senior Vice President for Finance, Planning & Budget and Chief Financial Officer
- Sally Clark, Vice President of Campus Community Safety
- Joe Dacca, Vice President of External Affairs
- Ahmed Ezzeddine, Vice Provost of Global Affairs
- Mary Gresch, Senior Vice President for University Advancement and President, UW Foundation
- Rickey Hall, Vice President and University Diversity Officer, Minority Affairs and Diversity
- Heather Horn, Vice President of Human Resources
- Jack Martin, Vice President for Marketing & Communications
- Justin Michalka Vice President for Development
- Frederick Nafukho, Vice Provost of Academic Personnel
- Simon Neame, Dean, UW Libraries
- Mari Ostendorf, Vice Provost for Research
- Philip J. Reid, Vice Provost of Academic and Student Affairs
- Paul Rucker, Vice President for Alumni & Stakeholder Engagement and Executive Director, UW Alumni Association

- Noah Smith, Vice Provost and Endowed Chair for Artificial Intelligence
- Denzil Suite, Vice President for Student Life
- Ed Taylor, Vice Provost and Dean for Undergraduate Academic Affairs
- Joy Williamson-Lott, Dean, Graduate School
- Rod Worden, Interim Vice President of Facilities
- Jane Yung, Vice President and Chief Compliance & Risk Officer

University of Washington Board of Regents

- Leonard Forsman, Chair
- Leonor R. Fuller, Vice Chair
- Zoe Barsness, Faculty Regent
- Dow Constantine
- Apolonio Pablo Hernandez, Student Regent
- Linden Rhoads
- David Schumacher
- Denise Stiffarm
- Blaine Tamaki
- Maggie Walker
- David Zeeck

Vision, Mission, Values

Vision

The University of Washington Tacoma fosters a thriving and equitable society by educating diverse learners and expanding knowledge through partnership and collaboration with all our communities.

Mission

As an urban-serving university, we:

- Expand access to higher education in an environment where every student has the opportunity to succeed
- Foster scholarship, research and creativity to address the challenging problems of our time and place
- Partner and collaborate for common good
- Catalyze the economic and social vitality of the region

Values

The University of Washington Tacoma values:

- Excellence
- Community
- Diversity
- Innovation
- Access

Accreditation

The University of Washington Tacoma is accredited as a unit of the University of Washington by the Northwest Commission on Colleges and Universities. Individual academic programs may have other accreditations as well (learn more about degree programs).

State Board of Education Certificates

The University of Washington Tacoma is authorized by the State Board of Education to offer professional certificate programs in education for administrators and teachers. UW Tacoma prepares and recommends individuals for the following state certificates:

- Initial Teaching Certificate (K-8)
- Educational Administration Certificate (for principals and program administrators)

Veterans Benefits Approval Statements

Selected programs of study at UW Tacoma are approved by the Workforce Training and Education Coordinating Board's State Approving Agency (WTECB/SAA) for enrollment of those eligible to receive benefits under Title 38 and Title 10, USC.

UW Tacoma does not and will not provide any commission, bonus, or other incentive payment based directly or indirectly on success in securing enrollment or financial aid to any persons or entities in any student recruiting or admissions activities or in making decisions regarding the award of student financial assistance.

Non-Discrimination Policy

The University of Washington prohibits discrimination in all programs and activities, including education, employment, and patient care, based on an individual's actual or perceived protected characteristics. Protected characteristics include but are not limited to race, color, creed, religion, national origin, citizenship, sex, pregnancy, age, marital status, sexual orientation, gender identity or expression, genetic information, disability, or veteran status. Upon learning of conduct that may constitute discrimination, the University will take prompt and effective action to address it, remedy its effects, and prevent recurrence.

Executive Order No. 81, its companion procedures, and the Student Conduct Code prohibit discrimination, harassment, and sexual misconduct and provide procedures for addressing reports and complaints.

Inquiries about Title VI, VII, IX, ADA and Section 504 may be referred to the University's Civil Rights Compliance Office, the U.S. Department of Education's Office for Civil Rights, or both.

To report information or make a complaint about conduct that may constitute discrimination, harassment, or sexual misconduct, make a Civil Rights &Title IX Report, or email or call the Civil Rights Compliance Office.

Civil Rights Compliance Office
Valery Richardson, AVP for Civil Rights Compliance & Title IX Coordinator

4320 Brooklynn Ave NE, Seattle, WA 98105
206-221-7932 | civilrights@uw.edu

For information on reasonable accommodation for students with disabilities, contact Disability Resources for Students, 253-692-4522 or 253-692-4413 (TTY) or drsuwt@uw.edu.

ACADEMIC ADVISING

All academic advisors at UW Tacoma:

- Support and guide students to succeed academically, personally and professionally
- Celebrate milestones and accomplishments
- Build campus and community connections

Academic advisors are available for all UWT students in every academic program, including pre-major students, students admitted or declared into undergraduate majors, and graduate students. Please see our Directory of Academic Advisors to find your advisor: Guide to Academic Advising

University Academic Advising

University Academic Advising (UAA) serves first year and pre-major students. UAA staff provide support to help students with:

- Choosing a major and/or minor
- Changing majors
- Registration and class schedule support
- Academic difficulty

Student Advising Mentors (SAMs) are available to help students navigate and utilize advising technologies such as degree planning tools, registration and MyUW.

UAA encourages the academic, personal and career goals of all students.

Contact Information
Phone: (253) 692-4857
Email: uwtuaa@uw.edu
UAA Website

Major Academic Advising

Major advisors typically work with undergraduate students already admitted to or declared into majors. Major advisors can:

- Partner with you in clarifying and planning your academic career
- Teach you how to navigate academic planning tools

- Review both departmental and university policy in regard to major and graduation requirements
- Educate you about campus resources and deliver information to support your education

Major advisors listed by school can be found here: Guide to Academic Advising

Graduate Academic Advising

Academic advisors and recruiters are also available for graduate students and/or prospective graduate students.

Graduate students should connect with their academic advisor to create a program plan that fulfills the requirements for their certification and/or degree.

Graduate advisors and recruiters listed by program can be found here: Guide to Academic Advising

ADMISSIONS

Undergraduate Admissions

The University of Washington Tacoma considers each applicant as they apply based upon their own merits, course work and documents. The admission process is both competitive and holistic, giving each applicant an opportunity for a comprehensive and individual review. Applicants who apply early have the best chance for full university and program consideration.

Topics	**Application Deadlines**	**Office of Admissions Contact Information**

• First-year Admission Requirements
• Transfer Admission Requirements
• International Student Admissions
• Other Admission Types
  ○ Non-Matriculated Students
  ○ Returning UW Tacoma Students
	For information about application deadlines:
	• First-year
	• Transfer
	• Graduate
		Phone: 253-692-4742
		Email: uwtinfo@uw.edu
		Website

Graduate Admissions

Graduate admission is managed by individual academic programs and processed through the UW Graduate School. Requirements vary by academic program, but all applicants must hold an undergraduate degree with a cumulative GPA of 3.0 from a regionally accredited college or university in the U.S. or its equivalent from a foreign institution for the last 90 graded quarter credits or 60 graded semester credits from a baccalaureate degree (for a Master's, doctoral, or professional degree, the total cumulative average may be used). Proficiency in English is required for graduate study at the University of Washington. Therefore, the applicant whose native language is not English must demonstrate English Language Proficiency Requirements. Some graduate programs may require additional admission requirements, including a higher grade-point-average. Inquire with the academic program for further information.

Applicants must simultaneously be admitted to the UW Graduate School and an academic program at UW Tacoma. For detailed graduate admissions information, see the individual graduate school sections.

Disclosure

Applicants are required to disclose their full academic history and provide the university with official transcripts and other official documents that support their application for admission. When applying to the University of Washington Tacoma, applicants acknowledge with their signature that failure to disclose and submit official transcripts from all schools, colleges, or universities attended and to disclose and submit complete and accurate information may result in denial of admission or dismissal from the University of Washington. Admission to UW Tacoma is only available for the quarter offered.

FIRST-YEAR ADMISSION REQUIREMENTS

College Academic Distribution Requirements (CADRs)

Students are required to complete a minimum level of preparation in six subject areas in high school. More information about each of these requirements is available on the Office of Admissions website.

Minimum CADRs

SUBJECT	REQUIREMENT
English	4 credits
Mathematics	3 credits*
Social Studies	3 credits
World Language	2 credits
Lab Science	3 credits**
Fine, Visual, Performing Arts	0.5 credits
Academic electives	0.5 credits

**All applicants must complete either three years of high school mathematics through intermediate (second-year) algebra or complete intermediate algebra or higher in college with a 2.0 grade or better.*

Note: During the senior year of high school, students must also earn a credit in a math-based quantitative course. This may be met through enrollment in one of the three required math courses listed; or by completing a math-based

quantitative course like statistics, applied math or an algebra-based science course. The senior-year math requirement does not mean a fourth credit of math is required.

Exception: Completion of higher-level math prior to the senior year exempts students from the senior-year quantitative course requirement (e.g., pre-calculus, math analysis, or calculus).

***Three credits of laboratory science are required. At least one of the two credits must be in biology, chemistry, or physics. Additionally, at least one of the two credits of laboratory science must be an algebra-based science course.*

Using Homeschool Work to Complete CADRs

The subjects completed through homeschooled coursework requires validating test scores. Exceptions include home-schooled applicants with at least one year of high school or college coursework (i.e. Running Start).

Using College Course Work to Complete CADRs

Almost all applicants will have satisfied these requirements through high school course work, which is generally defined as that completed in grades 9-12. However, there are several ways to satisfy CADRs at the college level. In general, five quarter credits (or three semester credits) at the college level equals one credit of high-school study. If a portion of these requirements are completed in high school, the student can pick up in college where they left off in high school. For example, if a student completed three credits of English in high school, they can use one college English composition or literature course to bring the total to four credits. For details, please visit the Office of Admissions website.

Test Scores

Scores from the SAT or ACT Plus Writing are optional for general undergraduate admission*. Test scores are valid only if they are sent directly from the testing agency to the UW. Test scores reported on high school transcripts are not considered official.

- Scholastic Assessment Test (SAT I) — UW Tacoma Institutional Code: 4445
- American College Test (ACT) — UW Tacoma Institutional Code: 4493

**Official scores are still required for homeschool work and for those who are using SAT/ACT scores to meet ELP and may be required for homeschool work.*

Grading Restrictions

To satisfy the college academic distribution requirements, a passing grade, including a D, is acceptable in either high school or college work for most courses.

If you are completing CADRs through college course work, you are strongly encouraged to take courses for a letter/numerical grade, because you may later want to apply this course work towards requirements, for which grading restrictions pertain.

UW World Language/Language of Admission Credit Restrictions

High School World Language

UW students who completed two or more years of world language are not allowed to earn UW credit for the first quarter college language course. For example, a student who has earned two years of Russian in high school is not eligible to apply credit earned in RUSS 101 towards their degree.

Native Language

UW students who meet the classification for native language speaker (i.e., attends school in a non-English-speaking country grades 1-7) are not eligible for college level course work through the 200 level.

Transcripts

Submitting Transcripts If Home-Schooled

An official home-school transcript is required for home-schooled coursework. For each subject, the transcript must include:

- Course title
- Duration of study
- Short description of course content
- Grade for performance (or comparable qualitative assessment)

To be considered official, the home-school transcript must be signed by the teacher of record; this may be a parent.

Official transcripts are also required for any coursework completed at other high schools or regionally accredited colleges.

Home-schooled students are required to provide official test scores for all courses met through home-school work.

Submission of Final High School Transcript

Newly admitted first year students are required to submit their official final high school transcript as soon as their high school transcript becomes available after graduation. Failure to successfully complete course work reported in the application for admission or dramatic changes in reported GPA could cause the offer of admission to be revoked.

TRANSFER ADMISSION REQUIREMENTS

Students who have attended college or university after graduating from high school may be admitted to the University of Washington Tacoma as transfer students. Applicants who have completed 40 or fewer transferable academic college-level credits are required to submit their high school transcripts to meet the minimum CADR. Official test scores are required for homeschool work and for those who are using SAT/ACT scores to meet English Language Proficiency (ELP). The minimum cumulative grade point average for all college course work must be at least 2.0 for admission consideration. Additional university requirements are outlined below.

Transfer students may apply for an academic program at the same time they apply to the university or at a later quarter. Note that not all programs admit for all quarters and some are capacity constrained. Whenever students choose to apply to a school or program, they must meet the program's application deadlines and admission requirements. Admission to some programs is selective and not all qualified students will be accepted.

General University Admission Requirements

Transfer students who hold more than 40 transferable college credits at the time of application, meeting these criteria will qualify for review:

Minimum requirements for consideration:

- Hold a minimum 2.0 transferable college GPA
- Submit all official college transcripts
- Proof of English proficiency, in some cases.

Mathematics & World Language Requirements

We no longer require Mathematics & World Language requirements to be met after enrollment for Admissions purposes.

Undergraduate Transfer Credit Policy

To students pursuing a first bachelor's degree, UW Tacoma awards transfer credit within two weeks after the Enrollment Confirmation Deposit (ECD) is paid and according to the guidelines listed below. It reserves the right to accept or reject credits earned at other institutions of higher education.

In general, transfer credit is awarded from nationally recognized postsecondary institutions with institutional accreditation from the following approved accreditation agencies (or equivalent for international institutions).

- Accrediting Commission of Community and Junior Colleges (ACCJC) Western Association of Schools and Colleges
- Higher Learning Commission (HLC)
- Middle States Commission of Higher Education (MSCHE)
- New England Commission of Higher Education (NECHE)
- Northwest Commission on Colleges and Universities (NWCCU)
- Southern Association of Colleges and Schools Commission on Colleges (SACSCOC)
- WASC Senior College and University Commission (WSCUC)

For courses taken at a Washington state community college, UW Tacoma follows the list of transferable courses published in the UW Equivalency Guide for Washington Community and Technical Colleges.

Notable Restrictions on Transfer Credit

Lower-division college credit

Two weeks after an accepted student has paid the New Student Enrollment and Orientation Fee (NSEOF), a maximum of 90 lower-division (100- or 200-level courses) quarter credits can be awarded toward the student's degree. Depending on the degree program, students may be allowed to petition the academic program for additional lower-division credit. Under no circumstances will students be awarded in excess of 135 lower-division credits. Some transfer courses labeled 100 and above are not actually college-level and will not be accepted for credit (e.g. Math 100 is developmental math on many campuses).

Upper-division credits (300- or 400-level courses) from other four-year institutions may apply to some program requirements. For some programs, there is a seven-year limit on upper-division transfer credits that are applied toward required core or concentration courses. Please consult with an advisor for details.

Other Notable Restrictions Include:

UW Extension Distance Learning

If permitted by the degree program, up to 90 credits earned in correspondence courses offered by the Distance Learning division of UW Extension may be applied toward a UW degree. However, 45 of the student's final 60 credits must be taken in residence at UW Tacoma to meet the final-year residency requirement.

Military Credit

Credits earned in Armed Forces Training Schools (AFTS) and through USAFI and DANTES may not exceed 30 and are included in the 45-extension credit limit. Official transcripts or DD-214 or DD-295 forms must be submitted. Scores received in such course work are not included in the transfer GPA.

Foreign Language Courses

Students who have completed two or more years of high school foreign language receive no college credit for an entry-level course (e.g., French 101) in the same language when that course is completed after matriculation at the University. Transfer students who complete such a course before matriculation at UW Tacoma are eligible to receive transfer credit.

Native Language

First-year (elementary) or second-year (intermediate) foreign language credit is not granted either by examination or by course completion in a student's native language. "Native Language" is defined as education completed through the seventh grade in school(s) where English was not the language of instruction or in countries other than Australia, Canada, Ireland, New Zealand, the U.K. and the U.S.

Out-of-Sequence Courses

Credit is not awarded for prerequisite courses completed after a more advanced-level course has been completed. For example, students will not be awarded credit for Spanish 102 if it was taken after Spanish 103.

Overlapping Course Content

If an academic department considers two of its courses to have overlapping content, credit will be awarded for only one. Restrictions of this kind are noted in the catalog or department web pages.

Physical Education

No more than 3-quarter credits will be allowed for physical education activity courses.

Restricted Courses

A maximum of 15 transfer credits will be awarded for a wide range of college-level courses that are vocational-technical, rather than academic, in content (e.g., bookkeeping, electronics, physical therapy technician). These credits may apply only to the elective component of a baccalaureate degree and are not included in the transfer GPA.

College-Level Examination Program (CLEP)

The College-Level Examination Program (CLEP) is a nationwide program that allows students to earn college credit by examination.

The academic programs have authorized the use of these examinations and determined the scores necessary to receive college credit. CLEP examination equivalencies are determined by UW Tacoma faculty and course credit is available in a wide range of lower-division courses.

CLEP examinations cover material taught in courses that most students take as requirements in the first two years of college. The amount of credit usually equals the amount of credit earned by someone successfully completing the course.

You can receive credit for CLEP tests after we receive your official CLEP transcript and credit is awarded based on the type of test and score earned. No more than 45 total quarter credits (including all other extension and military credits) is allowed. CLEP credits count toward graduation but do not count as final-year residence.

NOTE: Under UW policy, no more than 45 total credits can be earned through CLEP or other extension credit. Extension credits include distance learning, Advance Placement and International Baccalaureate credit, credit by exam, College in the High School, Armed Forces Training School credit, and UW courses taken by students on drop status. The University allows a maximum of 90 credits of lower division transfer coursework to be applied toward a UW degree.

Courses Receiving No Credit

Courses receiving no transfer credit include (but are not limited to):

- Courses below college level (usually numbered below 100)
- Repeated or duplicate courses
- Course work taken at an institution that is not accredited by the regional association
- Courses that provide instruction in a particular religious doctrine
- Mathematics courses considered below college level, including basic math, business math, beginning and intermediate algebra
- Courses offered for non-credit continuing education units
- Remedial English (e.g., reading, vocabulary development, grammar, speed reading, or any courses that are preparatory to an institution's first English composition course)
- Courses providing instruction in English as a Second Language (100-level or above)
- Remedial courses in any academic discipline

Applicability of Transfer Credit to Degree Requirements

The Office of the Registrar has the authority to make decisions approving transfer courses to fulfill university degree requirements based on the recommendations of the faculty. The

individual academic program offices have the authority to determine application of transfer credits to fulfill major requirements.

By the first quarter of enrollment, a student should meet with their academic advisor for academic planning.

Quarter vs. Semester Credits

Colleges and universities that operate on a semester system award semester credit. The University of Washington Tacoma awards quarter credit.

- One semester credit is equivalent to 1.5 quarter credits.
- One three-semester-credit course is equivalent to 4.5 quarter credits.
- Sixty semester credits are equivalent to 90 quarter credits.

Transfer GPA

In calculating the transfer GPA, the following guidelines apply:

- Grades from all transferable academic courses attempted, from all accredited colleges the student has attended, in which the student has received grades between 0.0 and 4.0 on a 4.0 grading scale are included in the calculation.
- To protect the students' investment of educational effort and the value of the degree, UW Tacoma will not award credit for courses that repeat work done elsewhere. It is the responsibility of students who have earned credit at other colleges to determine whether courses they plan to take at UW Tacoma would duplicate any previously earned credit. Duplicate credit will not be awarded for courses that are equivalent to courses previously passed. Students who are in doubt should consult an advisor before registering for a UW Tacoma course.
- All transferable academic credit from two-year and four-year colleges is included in the calculation, even if it exceeds the 90 credits awarded.
- Transfer course work completed after a student matriculates must be graded on a numerical or letter-grade basis.

The following are **not** included in the transfer GPA:

- Courses considered by UW Tacoma to be below college level
- Math courses equivalent to MATH 098 (formerly MATH 101 Intermediate Algebra)
- Certain religion courses that teach from a particular doctrinal perspective or that teach preparation for the ministry
- Developmental or remedial courses
- Courses in study skills
- English as a Second Language courses
- Vocational/technical courses
- Courses recorded with a grade of Incomplete
- Courses recorded with a grade of Pass or Satisfactory
- P.E. activity credits in excess of 3 quarter credits

Post-Baccalaureate Students

Post-baccalaureate students are those who have completed one or more bachelor's degrees and are working toward another bachelor's degree or completing prerequisite courses for a graduate program. Post-baccalaureate is a matriculated status at the University of Washington Tacoma. The Office of Admissions does not award transfer credit to post-baccalaureate students. Any application of a student's previous course work toward graduation requirements will be determined by program faculty and academic advisors.

International Student Admissions

Students who require a student visa (F-1 or J-1) to study in the U.S. are considered international students for admission to UW Tacoma. Once admitted, students also need to provide proof of financial resources in order to qualify for the I-20 for F-1 student visa status.

A student should apply as a FIRST-YEAR if either of the following statements describe them:

- Plan to enter UW Tacoma immediately after earning a high school diploma.
- Have never attended college since leaving high school (regardless of age or whether they ever graduated).

A student should apply as a TRANSFER student if the following is true:

- You have attended a college or university after high school graduation (summer excluded), but have not yet earned a bachelor's degree. (Students who have already earned a bachelor's degree should apply as a post-baccalaureate student.)
- Transfer applicants may apply directly to a major program, or may apply as undeclared or pre-major, depending on the number of credits earned at the time of application and eligibility.

Applying as a First-Year International Student

First-year students are currently admitted for autumn and winter quarters only. To complete the international first-year student application process, the following should be submitted:

- **Application for first-year admission**

  A complete University of Washington Tacoma application for international first-year admission should be submitted, along with the nonrefundable US$75 application fee. The application is online and the fee can be paid with a credit or debit card or an electronic check.

- **Transcripts**

  Obtain an official copy of your academic record first and then upload it with your application as instructed in the application. Transcripts must be original or copies stamped as official by the school and must include an official English translation. Official copies of the documents in a sealed envelope will be required for all admitted students. Transcripts should be submitted from all schools attended, both in the U.S. and outside the U.S. Students who are still enrolled in secondary school should submit transcripts that include grades/marks received in the 9th, 10th, and 11th years. U.S. high school transcripts with international coursework transcribed/transferred will not be accepted in lieu of international high school documents.

  If you have attended a college, university or post-secondary school outside of the U.S., we will need official transcripts from that school, along with a word-for-word, literal, English translation if the transcript is not in English. If we are not able to accurately evaluate those transcripts, we reserve the right to require a course-by-course evaluation from a NACES approved educational credentialing service such as WES or FIS.

- **English Language Proficiency**

  All International applicants for whom English is a non-native language must provide proof of English language proficiency. See the information regarding the minimum English proficiency standards for undergraduates. Test scores, such as TOEFL or IELTS test results, must be sent directly from the testing agency to the university; unofficial reports or photocopies will not be accepted.

Applying as a Transfer International Student

International students can be admitted as transfer students in any quarter for which the university is accepting transfer applications. Students can apply to a major, or can apply as an undeclared pre-major student. Note that not all majors admit for all quarters. Please consult the academic school for further information. To complete the international transfer student application process, submit the following:

- **Application for transfer admission**

  A complete University of Washington Tacoma application for international transfer admission should be submitted, along with the nonrefundable US$75 application fee. The application is online and the fee can be paid with a credit or debit card or an electronic check.

- **Official Transcripts**

  Official transcripts must be received from all schools attended, both in the U.S. and outside the U.S., along with an official translation if the transcript is not in English. Credentials must be official documents or photocopies stamped as certified-true copies

by school officials or other educational authorities. Official documents must be in an envelope sealed by school officials or other educational authorities.

High school transcripts are not required for transfer applicants who have completed 40 transferable credits or more at the college or university level at the time of application.

If we are not able to accurately evaluate those transcripts, we reserve the right to require a course-by-course evaluation from a NACES approved educational credentialing service such as WES or FIS.

- **English Language Proficiency Requirement**

  All international applicants must submit proof of meeting the English proficiency requirement a quarter prior to their intended enrollment. See the information regarding the minimum English proficiency standards for undergraduates. Test scores, such as TOEFL or IELTS test results, must be sent directly from the testing agency to the university; unofficial reports or photocopies will not be accepted.

- **Departmental requirements**

  Academic departments may have supplemental materials or admissions requirements beyond those listed above for students who are applying for direct admission to a major. Students should check with the program offices for the most current information.

Applying as a Graduate International Student

For more information on international graduate admissions, please contact the graduate advisor for the academic program. Please note, not all UW Tacoma graduate programs can accept international applicants.

After Admission for International Students

Once an international student has been admitted and provided final transcripts, the student must show proof of financial resources in order to be issued the I-20 or DS-2019 document necessary to obtain an F1 or J-1 student visa. Students should work closely with the International Student & Scholar Services Office after they have been admitted to UW Tacoma for information regarding this and other visa-related requirements.

Other Admission Types

Non-matriculated Students

A student attending UW Tacoma as a non-matriculated student is considered non-degree-seeking and cannot earn a degree. Courses taken as a non-matriculated student are graded and full credit is awarded and recorded on a UW transcript. Credits earned as a non-matriculated student usually transfer to other institutions. Students attending in a non-matriculated status may accrue no more than 45 credits in that status (some exceptions may be allowed). The number of credits allowed may vary by program.

A non-matriculated student who wishes to become a degree-seeking student must submit a regular undergraduate admission application, as well as all required transcripts and test scores. Students considering applying as a matriculated (degree-seeking) student are encouraged to do so as soon as possible, as 45 of the last 60 credits of a baccalaureate degree must be earned as a matriculated student in residence at UW Tacoma. Up to 45 credits earned as a non-matriculated student may be applied towards an undergraduate degree with some restrictions.

Non-UW Tacoma students applying to the Geographic Information Systems (GIS) certificate program should apply as non-matriculated student. Please review the program requirements for guidance in making a successful application and completing additional program application requirements.

Applications for nonmatriculated students are accepted no later than two weeks prior to the start of the quarter they wish to attend.

Auditors

An individual who wishes only to audit university courses should apply as a non-matriculated student. Attendance in courses as an auditor is by consent of the instructor and only as space permits. Permission to audit is ordinarily granted for lecture classes only. An auditor may not participate in class discussion or laboratory work, and the auditor's registration may be canceled at the discretion of the instructor. No record of audited courses is kept. Regular tuition and fees are charged. To receive credit for an audited course, the student must register for the class for credit and complete the course requirements in a subsequent quarter.

Returning UW Tacoma Students

A UW Tacoma undergraduate student who has been absent for more than one quarter (excluding summer quarter) is required to submit a Returning Student Form and pay a non-refundable enrollment confirmation fee by the deadline for the respective quarter.

Returning students who left in good academic standing must return to the same academic program they were enrolled in when they left. Students who wish to apply to another major may do so by meeting with an academic advisor. Returning students in academic drop status must seek reinstatement through petition that begins by meeting with an advisor.

Returning Student forms are due no later than one week before the start of the quarter that they wish to attend. For more details, visit the Office of the Registrar website.

English Proficiency Requirements

International Undergraduate Students

International applicants for whom English is a non-native language must provide proof of English language proficiency. Applicants can fulfill the English language proficiency requirement in one of the four ways listed below. This requirement must be met one quarter prior to matriculation. For example, if an applicant is admitted to autumn quarter, proof of English language proficiency must be received by the university by July.

Applicants can fulfill the English language proficiency requirement in one of four ways:

1. **Submit official TOEFL, IELTS or Duolingo scores**

   At or above the following minimum scores:

Score Requirements for TOEFL (IBT) Test	(Prior to Jan. 21, 2026)	(Effective Jan. 21, 2026)
Minimum score required	76	4.0

   - The **Undergraduate** *TOEFL institution code for UW Tacoma is* **9965**.
   - For **Graduate** students *the TOEFL institution code is* **4854**

Score Requirements for IELTS and Duolingo Tests	Minimum score
International English Language Testing System *(IELTS-academic only)*	6.5
Duolingo	110

2. **Submit official SAT or ACT scores**

   At or above the following minimum scores:

TEST	MINIMUM SCORE
SAT (Old Test)**:** Critical Reading (SAT CR) or Writing (SAT W)	500
SAT (New Test)*:* Evidence based Reading & Writing (ERW)	560
ACT: English score	22

- Scholastic Assessment Test (SAT) - UW Tacoma Institutional Code: **4445**
- American College Test (ACT) - UW Tacoma Institutional Code: **4493**

3. Transfer students can fulfill the English proficiency requirement based on classes

If **ALL** of the following apply:

- Enter as a transfer student at UW Tacoma with at least 30 transferable college-level credits from another accredited U.S. higher education institution;
- Earned a 2.75 or higher overall grade point average (GPA) in transfer coursework; and
- Completed two college-level English composition classes with a grade of 3.0 or higher in each course.

Exceptions:

- International students whose primary and secondary education took place in Australia, Canada, Ireland, New Zealand, the United Kingdom or the United States are exempt from this requirement. Students who were born in one of these countries but were educated elsewhere are still required to satisfy the English proficiency requirement.
- The university reserves the right to request TOEFL or IELTS scores in cases where the admissions office determines that more information regarding an applicant's English language proficiency is needed.
- These are pre-major requirements and academic departments may have additional requirements. Applicants are strongly encouraged to review the admissions requirements for their chosen major.

Graduate Students

Beginning of temporary policy statement

The Graduate School is temporarily accepting official test scores the TOEFL ITP Plus For China to assist international students with remote testing options.

The following guidelines apply:

TOEFL ITP Plus for China

- Applicants must have a minimum Level 1 test score of 627 (C1) for admission.
- Programs may require a higher score, but may not petition a score below 627.
- Some programs may not accept TOEFL ITP scores. Students must confirm specific requirements with the admitting program.
- Students admitted with the TOEFL ITP Test will be required to register for English 102, 103, and 104.

Students who will receive a Teaching Assistantship will also be required to satisfy additional requirements described in Policy 5.2: Conditions of Appointment for TAs who are not Native Speakers of English.

End of temporary policy statement

English language proficiency (ELP) is required for graduate study at the University of Washington. Therefore, every applicant whose native language is not English must demonstrate English language proficiency. Each prospective graduate student indicates on the graduate application whether or not the student is a native speaker of English.

Students who will receive a Teaching Assistantship will also be required to satisfy additional requirements described in Policy 5.2: Conditions of Appointment for TAs who are not Native Speakers of English.

3.2.1 Demonstration of Proficiency

Proficiency can be demonstrated in one of the following ways. A graduate program may set additional standards or qualifications in any of these categories. Students must confirm specific requirements with the admitting program.

- A bachelor's, master's, or doctoral degree from a regionally accredited institution located in the United States and where English is the medium of instruction.
- A bachelor's, master's, or doctoral degree from an institution in Australia, the Bahamas, Canada, Ireland, Jamaica, Kenya, New Zealand, Singapore, South Africa, Trinidad and Tobago, or the United Kingdom and where English is the medium of instruction. While enrolled at the degree-granting school, the student must be in residence on campus.
- Official documentation from the applicant's undergraduate degree-granting institution (if the institution is in a country other than those listed in #2 above) verifying that all instruction is in English. A minimum of three years of enrollment at the undergraduate institution is required. Documentation must be presented to the Graduate School; credential service reports are not acceptable. Acceptable documentation must be one of the following:
    - Official or attested letter from the undergraduate college, university Registrar, or Controller of Examinations office.
    - Official transcripts, attested mark sheets or degree statements, are also accepted if English is stated as the medium of instruction.
- Official English Language Test Score (sent electronically to the University of Washington via testing center). **Note:** Graduate programs may require a higher minimum scores for admission than the scores listed below.

These specific English Language Test scores are the only versions accepted for admission to the Graduate School. Other tests or versions do not qualify.	TOEFL iBT	TOEFL MyBest	Duolingo	Academic IELTS
Minimum Required Score (ELP Not Satisfied) – effective through Autumn Quarter 2024 admissions	80	80	105	6.5
Minimum Required Score (ELP Not Satisfied) – effective starting Winter 2025 admissions	80	80	110	6.5
Recommended Score (ELP Satisfied) – effective through Autumn Quarter 2024 admissions	92 or higher	92 or higher	120 or higher	7.0 or higher
Recommended Score (ELP Satisfied) – effective starting Winter 2025 admissions	92 or higher	92 or higher	125 or higher	7.0 or higher

3.2.2 Submission of Test Scores

- The Graduate School also accepts the TOEFL paper-delivered test, which is available only to students in areas without internet testing access. Contact Graduate Enrollment Management Services (GEMS) for special instructions if you have taken this test.
- Applicants using TOEFL test scores must submit official scores electronically via ETS, using the University of Washington's institution code 4854. An offer of admission cannot be extended prior to the receipt of official scores.
- Applicants using Academic IELTS test scores must submit official scores electronically via the IELTS system (E-TRF), using the University of Washington's organization ID 365. An offer of admission cannot be extended prior to the receipt of official scores.
- Applicants using Duolingo test scores must submit official scores via Duolingo to the University of Washington Graduate Admissions (Bothell, Seattle, Tacoma). An offer of admission cannot be extended prior to the receipt of official scores.
- An applicant who does not meet the minimum required score will not be considered admissible by the Graduate School. The Graduate School does not offer conditional admissions to students who have not yet met the minimum English Language Proficiency (ELP) requirement.

3.2.3 Meeting English Language Proficiency (ELP) Requirements

- An applicant who has attained the recommended score has satisfied the Graduate School's ELP requirement.
- An admitted applicant below the recommended score will be required to satisfactorily complete 1 to 3 UW Academic English Program (AEP) courses to fulfill the ELP requirement. Students are expected to register for any required AEP classes beginning the student's first quarter.
- Admitted applicants who are required to take ENGL 102 and ENGL 104 may choose to fulfill this requirement before the start of the student's graduate program by successfully completing the Graduate Preparation Program through the International & English Language Programs. Students enrolled in the Graduate Preparation Program pay additional fees.
- Test scores are valid for two years and must be valid on the date the application is submitted or on the date the program requests a deferral petition.
- Graduate students whose native language is not English and who wish to be appointed as teaching assistants (TAs) must meet the conditions for appointment specified in Graduate School Policy 5.2.

FINANCIAL AID

There are four basic types of aid:

- **Grants:** Federal, state, and institutional grants do not require repayment. They are awarded based on financial need. Grants are available to both undergraduate and graduate students.
- **Scholarships:** Awards are based on financial need and/or merit. In some cases, it is based on the quality of the personal essay submitted as part of the scholarship application process.
- **Loans:** Funding that must be repaid to the lender. Typically, repayment starts after graduation or if enrollment falls below half-time status. Interest rates and accrual vary per loan type.
- **Work-Study:** A financial aid program where students are employed by an approved on- or off-campus employer The program can be federal or state work-study. Non-work study positions are also available and do not need to be added to the financial aid offer.

Office of Student Financial Aid

Contact Information

Phone: 253-692-4374

Email: uwtfa@uw.edu

Website

Financial Need

In general, financial need is defined as the following:

Cost of Attendance (Student's Budget)

- Student Aid Index (SAI)

- Financial Assistance (Scholarships, long-term loans, benefits)

= Financial Need

Cost of Attendance

The Cost of Attendance is the estimated amount to attend the University of Washington Tacoma for a single academic year. Tuition is based on the student's program of study; factors such as housing and food, books, personal expenses, transportation are revised each year. Housing is based on where a student will live during the academic year: at home with

family/relatives, away from home in Court 17 on the UW Tacoma Campus or off-campus in an apartment but not with family. Books are based on an average amount for each quarter. Actual personal and transportation costs may very per student. With the exception of tuition, all factors in the cost of attendance or only estimates and represent the potential expenses students will have while enrolled.

Student Aid Index

The Student Aid Index (SAI) is determined by a standard government method and is used by financial aid offices to determine eligibility for federal, state and/or institutional funding. Parent, or if married, student's spouse information may be required on the application. Students who would like to request financial assistance through the Financial Aid Office must complete either the FAFSA or the WASFA and provide requested documentation for our office to receive the SAI and create your financial aid offer.

Financial Need

With the exception of the Federal Pell Grant, financial need is based on the difference between your cost of attendance and the Student Aid Index. Grant and loan aid will be offered to meet this amount.

Scholarships

The University of Washington Tacoma Campus offers the following scholarships:

- General Scholarship
- Merit Scholarship
- First Step Scholarship
- External lists are available through the Office of Student Financial Aid as well as department websites. For information regarding scholarship opportunities, visit our Financial Aid website

The total aid and scholarships received for one academic year cannot exceed the calculated need. When this happens, need-based loan and grant funding may be reduced.

Apply for Aid

The Free Application for Federal Student Aid (FAFSA) is the basic application for federal, state and institutional financial aid. Students and contributors must complete their respective portions of the application. It is recommended that students and families complete the application online. To do so, students and application contributors must obtain a Federal Student Aid (FSA) ID.

The University of Washington FAFSA School Code for all three campuses is 003798.

Undocumented students/other select applicant students who are not eligible to complete the FAFSA, you may submit a WASFA instead. Washington Application for State Financial Aid (WASFA) instead.

Eligibility

To qualify for federal financial aid, a student must:

- Be a U.S. citizen, permanent resident or other eligible non-citizen
- Be admitted to the university in an approved program and meet minimum enrollment requirements (most distance learning, correspondence, and non-matriculated students do not qualify for financial aid)
- Not be in default on a previous student loan or owe a repayment on a grant or loan for which the student was not eligible Maintain satisfactory academic progress based on federal, state, and institutional requirements.
- Provide financial information (including parents' information, where required)

To qualify for Washington state aid, a student must:

- Be a Washington State resident
- Be ineligible for the FAFSA due to immigration status
- Have other select reasons for not completing the FAFSA.

Eligible students are considered for funding based on financial need as determined through the FAFSA or WASFA, class level and degree program eligibility, and state residency status. Need determines priority for those programs within the class level. Students with the fewest resources are given first priority for all aid funds.

Important Dates

The University of Washington FAFSA/WASFA Priority Filing Date is January 15.

In general, students whose FAFSA or WASFA is received after January 15, will still be considered for limited forms of financial aid. Eligible students may still be eligible for the Federal Pell grants and/or Washington College Grants (for undergraduates pursuing first bachelor's degree) and the Federal Direct Loan programs.

For students eligible to file a WASFA, the application must also be received by the processor by the university's annual priority application date.

Financial aid recipients should remember to keep copies of financial documents used in completing the FAFSA or WASFA, continuously monitor their UW email account for

official correspondence from the Office of Student Financial Aid, and notify the Office of the Registrar of any change in address.

Summer Financial Aid

Summer Quarter is the start of the next academic year for financial aid purposes. Students who plan to enroll for Summer Quarter must complete the next year's FAFSA or WASFA. After receipt of the acknowledgement email from our office, students should check their email and Financial Aid Status page to make sure there are no required documents to provide. A financial aid offer will be prepared for students who are registered for Summer Quarter. Students are directed to email uwtfa@uw.edu if they plan to enroll in fewer than 12 credits and/or will only enroll in Summer A or Summer B Term.

Short Term Loan Program

The Office of Student Financial Aid and Scholarships has funds available for short-term loans to assist students with temporary cash flow problems. Short-term loans are available only to students who are currently attending the university (loans cannot be processed between quarters). Students who are auditing courses or those enrolled but not earning credits are not eligible for short-term loans. Funds are generally available within one to four working days depending on if the loan is paying charges on your account or you are having the funds sent to your bank via direct deposit.

More information is available at https://www.washington.edu/financialaid/types-of-aid/loans/short-term-loans/

Consortium Agreements

UW Tacoma students will occasionally need to enroll at a community college to complete admis sion deficiencies for their major. The credits at the community college may be counted toward the student's total quarter enrollment credits using a financial aid consortium request available through the Financial Aid Office. Both UW Tacoma and the community college financial aid offices must approve consortium agreements. Students cannot receive aid at the host school as well as from UW Tacoma for the same quarter. If approved, students will receive their UW Tacoma financial aid based on the combined credits of both institutions. **Requests must be submitted no later than three weeks prior to the start of the quarter.**

Washington State's Guaranteed Education Tuition

Washington State's Guaranteed Education Tuition (GET) program is a 529 college savings program named for the section of the IRS code that defines these types of plans. This program allows individuals to prepay for students' college educational expenses. Funds from the GET program are used to reduce qualified educational expenses. The amounts used to pay these

expenses are not taxable or reported to the IRS on the 1098T forms that the UW provides students for filing their tax returns.

Additional Information

Online Resources

- UW Tacoma Office of Student Financial Aid
- University of Washington Office of Student Financial Aid
- The U.S. Department of Education Federal Student Aid
- Free Application for Federal Student Aid (FAFSA)
- Washington Application for State Financial Aid (WASFA)
- Short Term Loan Program
- Disbursement of Financial Aid

MyUW

Students can use MyUW to:

- Find current student account balance
- Review financial aid award
- Check status of submitted financial aid documents
- Get a summary of disbursed financial aid and aid-check availability
- Determine if outside lender loan funds are available
- Get the latest recorded student account payment
- Set up direct deposit of financial aid funds
- Pay tuition electronically
- Apply for short-term loans

Go to MyUW

REGISTRATION

Office of the Registrar
Contact Information
Phone: 253-692-4913
Email: reguwt@uw.edu

Registrar Website

Registration Eligibility

Continuing University of Washington Tacoma students who remain in good scholastic standing are guaranteed the opportunity to register each quarter at UW Tacoma as long as they maintain continuous enrollment (excluding summer quarter) or satisfy the guidelines of the quarter-off policy. Continuation must be in the same classification (undergraduate, post-baccalaureate or graduate) and at the same campus. After a student has earned a baccalaureate degree, they must apply for re-admission as a post-baccalaureate, non-matriculated or graduate student before being allowed to register.

Newly admitted students, students re-enrolled into the same or a new classification (undergraduate, post-baccalaureate or graduate) or admitted to a different university campus are eligible to register during a specified time period. Review the Academic Calendar for registration periods.

Exceptions to the guarantee of registration eligibility include:

- students under disciplinary action,
- students with a financial hold on their records, and
- students failing to meet conditions of admission or not meeting program or university satisfactory progress policies.

Additionally, continuing students who withdraw during the first week of two consecutive quarters (excluding summer quarter) will not be eligible to register as continuing students for the third quarter and must submit a request for re-enrollment as a former student returning to the university. If an undergraduate does not enroll for two or more quarters (excluding summer quarter), they must submit a request for re-enrollment through the Office of the Registrar.

Class Attendance

The University of Washington Tacoma reserves the right to drop students who have not attended class during the first week of the quarter to make space for other students waiting to enroll. However, a student should not assume that they will be automatically dropped from a course if they do not attend. It is the student's responsibility to drop the course through

Register.UW. Students who are registered for a course section but do not attend will be assigned a failing grade by the instructor.

Restrictions on Attending Classes

No person, other than a faculty member attending informally with the approval of the instructor, may attend a UW Tacoma course in which that person has not been registered. An instructor may allow a student to attend his or her class only if the student's name is on the official class list from the Office of the Registrar. An unregistered student may attend through the fourteenth calendar day of the quarter.

Auditing a Course

Attendance in courses as an auditor is by consent of the instructor and only as space permits. Permission to audit is ordinarily granted for lecture classes only. Students who intend to audit a course must first register for the class through Register.UW, then seek permission from the instructor and complete a Registration Transaction Request form to elect to use the audit grade option. The form including the approval is submitted to the Office of the Registrar. The deadline to change to audit status is listed on the Academic Calendar each quarter on the registration website. A $20 fee may be imposed depending on the timing of the transaction. Standard tuition and fees apply.

Auditors may not participate in discussion or laboratory work and the auditor's registration may be canceled at the discretion of the instructor. No record of audited courses is kept. To receive credit for an audited course, the student must register for the class for credit and complete the course requirements in a subsequent quarter.

Full-Time and Half-Time Status

	Full-Time	Half-Time	Less than Half-Time
Undergraduate	12 credits	6-11 credits	1-5 credits
Graduate	10 credits	5-9 credits	1-4 credits

To be classified as a full-time student by UW Tacoma, an undergraduate student must register for and complete at least 12 credits per quarter. A graduate student must register for and complete at least 10 credits per quarter.

To be classified as a half-time student by the University, an undergraduate must register for and complete at least six credits per quarter. A graduate student must register for and complete five credits per quarter.

Please note that financial aid and tuition rates do not necessarily correspond to the above credit requirements.

Class Standing

A student's initial class standing is determined by the total number of transfer credits awarded by UW Tacoma, not by the number of years of college study or completion of an associate degree. The following table lists the required credits for each class.

First-year	Fewer than 45 credits
Sophomore	45-89 credits
Junior	90-134 credits
Senior	135 credits or more

Students should note that satisfying UW Tacoma graduation requirements depends not only on the number of credits completed (a minimum of 180) but also on completion of all program requirements.

Important Dates

Each quarter, the Office of the Registrar publishes a list of important dates for the upcoming quarter on the Registration website. This Office of the Registrar website contains links to the schedule of classes, academic calendar, final examination schedule, registration period dates, deadlines (including graduation application deadlines), information about tuition and fees, and registration and withdrawal procedures. It is the responsibility of the student to know and understand these procedures and deadlines.

Registration Periods

Registration consists of three registration periods. Visit the Registration webpage to view course offerings, find out when students are eligible to register for classes and other important details.

Registration Period 1	During autumn, winter and spring quarters, registration period 1 is open to currently registered, matriculated students and those eligible to register under the quarter-off policy. During summer quarters, new students, non-matriculated students and returning students may also register for classes during registration period 1. Period 1 registration occurs during the latter half of the quarter preceding the quarter for which the student is registering. For

	example, currently enrolled students registering for autumn quarter do so in spring quarter. Actual registration dates are based on class standing, the student's veteran or ROTC status, and eligibility of disability benefits. Undergraduate students cannot register for more than 19 credits prior to the first day of the quarter.
Registration Period 2	During autumn, winter and spring quarters, new undergraduate and graduate students, as well as returning students, register during Registration Period 2 and are encouraged to check in with their advisor before registering. New first-year students must meet with an advisor prior to registration.
Registration Period 3	Registration Period 3 registration is open to all students for late registration, course adds and drops. Non-matriculated students register during this period, with the exception of summer quarter. Period 3 registration begins on the first day of the quarter through the seventh calendar day of the quarter. Certain fees and tuition charges may apply.

Registration Priorities for:

Students with Disability Benefits

Continuing students who are eligible for disability benefits may register on the first day of Registration Period 1.

Current eligible Veterans+ group and ROTC Students

Continuing students who are eligible veterans, national guard members, active duty military members, and their spouses, domestic partners, and dependents (also referred to as the Veterans+ group) may register on the first day of Registration Period 1. Students who are not currently receiving veteran benefits will need to provide proof of veteran status to the Veteran and Military Resource Center.

Continuing students with ROTC status may register on the second day of Registration Period 1.

Newly Admitted Military Connected Students

During autumn, winter and spring quarters, new students with veteran status may register for classes the business day before Registration Period 2 begins.

Graduating Senior Priority

Graduating seniors or post-baccalaureate students who have submitted a graduation application may register on the second day of Registration Period 1 for their final two quarters. Students who postpone their graduation may save their priority quarters by not registering before their regular senior or post-baccalaureate priority day. When students have used their graduating senior priority for two quarters, their registration priority reverts to the regular senior or post-baccalaureate schedule. Students may not register for classes in any quarter beyond the quarter for which they have applied to graduate (except summer quarter).

ACCESS Program for Older Adults

UW Tacoma allows Washington residents 60 years of age or older to audit certain courses on a space available basis. Registration for ACCESS students begins the third day of the quarter. Students who attend the University under the ACCESS program are limited to two courses per quarter. There is a nominal registration fee, but Access students do not pay tuition. As auditors, students do not receive credit, participate in discussions, complete laboratory work or take examinations. Courses requiring lab fees are ineligible for the ACCESS program. For more information, visit the Office of the Registrar website.

Tuition Exemption Students

- UW staff and faculty may register for all classes beginning the third day of the quarter.
- All other eligible Washington State employees may register for all classes on the fourth day of the quarter.

Schools or majors may have limits or exclusions to the tuition exemption program. Please contact the school or major for additional information.

Any credits in excess of the six (eligible, tuition exempt) credits are subject to the same “space available” registration dates. Visit the Office of the Registrar website for more information, including a link to the online form to request tuition exemption.

Late Add Period

The Late Add Period is open through the second week of the quarter and a student is required to submit an entry code or enrollment request through the academic department in order to add courses. A $20 fee is charged for each additional day registration transactions are processed. This fee is in addition to any tuition increase or forfeiture as a result of the change. Visit the Academic Calendar for specific dates.

Current Quarter Drop

The Current Quarter Drop process differs depending on the time of the quarter: students use their Quarterly Drop via MyUW or use the Advisor-Assisted Drop Request process. During summer quarter, the timeline for dropping a course is abbreviated due to the shortened session; please consult the Important Dates page on the Registration website for specific dates.

A student who stops attending without officially dropping their course(s) is given a grade of 0.0. Students should be aware that dropping a course might impact their student account. Please see the Tuition and Fees section of this catalog. Check in with:

- Office of Financial Aid, if student is applying or receiving financial aid funding
- Veteran and Military Resource Center, if student is receiving VA Benefits or veteran-related tuition waivers
- International Student and Scholar Services, if student is an international student

Unrestricted Drop Period

Students dropping a course through the first two weeks of a quarter, also known as the Unrestricted Drop Period, shall have no entry on their permanent academic transcript unless they do a complete withdrawal from the university. A $20 fee is charged for each additional day drop transactions are processed. This fee is in addition to any tuition decrease or forfeiture as a result of the change. When a student drops all courses, a complete withdrawal date is recorded on the transcript.

Late Course Drop Period

Students may drop one or more courses each quarter from the third week through the last day of instruction, also known as the Late Course Drop Period. An “RD” will follow the course title on the academic transcript. A $20 fee is charged for the day that the drop transaction is processed. This fee is in addition to any tuition decrease or forfeiture as a result of the change.

Summer Quarter

Students should note that due to the shortened session, deadlines for fee payment and registration transactions may vary from those of the regular academic year. Review the Important Dates on the Registration website for specific dates each summer.

Quarter-Off Policy

Undergraduate students who have completed a quarter at UW Tacoma, may take the following quarter off and remain eligible to register during Registration Period I for the subsequent quarter without re-enrolling as a returning student. **Any quarter from which a student has completely withdrawn does not constitute a completed quarter**. Summer quarter enrollment is not required to maintain continuous registration eligibility. The quarter-off policy is not available for graduate students; graduate students must apply for On-Leave Status.

Cross-campus Enrollment

First-year students, sophomores, juniors, seniors, and post-baccalaureate students enrolled at UW Tacoma may register for courses at another UW campus (Seattle or Bothell) beginning in Period 2 registration via Register.UW.

All students may cross-register during the summer quarter and they may register during Period 1 registration. First-year students, sophomores, juniors, seniors and post-baccalaureates must complete the required number of home-campus credits first.

Visit the Office of the Registrar website for details on cross-campus registration.

Eligibility

First-year students	Once admitted, first-year students must complete 25 credit hours at their home campus before registering in courses on other UW campuses. The credit hours minimum requirement at the home campus does not apply to first-year students in Marching Band or Air Force ROTC.
Sophomores, juniors, seniors and post-baccalaureates	All students with a class standing from sophomore to post-baccalaureate must complete 15 credits at their home campus before cross-registering at another campus. Seniors who are registering across campuses should consider the Final Year Residency requirement.
Non-matriculated students	Students may not register cross campus except for summer quarter. This includes non-matriculated students taking courses under the staff or Washington State Tuition Waiver.
Graduate students and graduate non-matriculated students	There are no restrictions on graduate students registering in courses cross-campus.

- A maximum of 15 credits per academic year (autumn through summer quarter) may be taken on a campus other than the home campus.
- A maximum of 45 credits taken through cross-campus registration may be counted toward the degree.

Policy reference for information in this section may be found in the UW Policy Directory in the following sections: Student Governance and Policies.

Repeating Courses

Undergraduate Students
With the approval of the academic department offering the course, an undergraduate may repeat a course once. Both the original grade and the second grade are computed in the grade point average. However, credit will be allowed only once.

Graduate Students
Graduate students may repeat any course. Both the original grade and the second grade are computed in the GPA. Subsequent grades will not be included, but will appear on the permanent record. The number of credits earned in the course will apply toward degree requirements only once.

Review Registration Policies for additional information about repeating courses.

Duplicate Courses

To protect the student's investment of educational effort and the value of the degree, UW Tacoma will not award credit for classes that repeat work done elsewhere. It is the responsibility of students who have earned credit at other colleges to determine whether courses they plan to take at UW Tacoma would duplicate any previously earned credit. Duplicate credit will not be awarded for a course that is equivalent to courses previously passed. Students who are in doubt should consult an academic advisor before registering.

Withdrawal Policies

Withdrawal for Military Service

Students who are called to active military duty may withdraw through the end of the seventh week of instruction and receive a full refund but no academic credit. A copy of the student's military orders is required. If a student withdraws after that date, the student may receive either a full refund or academic credit and no refund. Students who withdraw for military reasons will be allowed to return to the university without having to pay another application fee. Documentation in the form of military orders will be required. Please consult with the Office of the Registrar for complete details.

Complete Withdrawal for a Registered Quarter

Dropping all courses for the quarter

It is the student's responsibility to withdraw from all courses if they are unable to attend. Students may withdraw within Register.UW through the Unrestricted Drop Period. Official withdrawals must be submitted through the Advisor-Assisted Current Drop process prior to the final day of instruction.

Tuition owed will be based on the date the complete withdrawal is received. Withdrawals are not accepted after the last day of instruction for the quarter.

The tuition forfeiture schedule for complete withdrawal from the university is as follows:

- Students who withdraw on or before the seventh calendar day of the quarter do not pay tuition.
- Students who withdraw after the seventh calendar day through the 30th calendar day continue to owe one-half of their tuition.
- Students who withdraw after the 30th calendar day continue to owe full tuition.

The following principles apply to complete withdrawal from the university:

- Courses dropped as part of a complete withdrawal from the university during the first two weeks of a quarter are not recorded on the student's UW transcript; however, the date of the complete withdrawal is recorded.
- A recipient of veteran benefits should immediately notify the Veteran and Military Services Resource Center of withdrawal.
- A student with a scholarship or loan awarded through the university should notify the Office of Student Financial Aid of withdrawal.

Former Quarter Drop

Students may petition to drop courses for a former quarter using the Former Quarter Drop process. The Registrar will grant such a petition if, in their judgement, the student was unable to complete the course in question. Approved drops will be annotated on the student's transcript as an RD (Registrar Drop).

Tampering and Abuse

A student who tampers or attempts to tamper with the registration records of another student, including but not limited to dropping courses and adding courses, may be subject to disciplinary sanctions as defined in the Student Conduct Code (WAC 478-121).

Registration Abuse

The registration system is provided for the sole express purpose for students to register themselves into sections. Any use of the registration system other than for this purpose is

considered abuse of the system. Such abuse includes, but is not limited to, buying or selling one's seat in a class, or otherwise registering for a section that one has no intention of taking.

To help conserve University resources and ensure the registration system is available to all, students are locked out of Web Registration after a specific number of excessive submission attempts and/or transactions are made per day. This threshold is sufficient for students' regular use and should not interfere with typical use. **The use of robots and other automated tools to submit registration requests is expressly forbidden.**

A student whose account is locked out for excessive use must wait until the registration system removes the lockout – within 24 hours. **The Office of the Registrar is unable to override a locked account.**

System Abuse

Because use of scripts, robots, or other automated queries can adversely impact University network and computing resources and interferes with equal access to registration, such automated querying of registration-related resources is expressly forbidden. Violators may have their access to University network and computing resources terminated and may be subject to action by the University under applicable law, regulation, or policy, including but not limited to, discipline under any applicable University conduct code.

TUITION & FEES

Tuition charges are based on a student's classification (undergraduate or graduate) rather than on course level. Because University costs are supported by state taxes, the rates charged to students who are not residents of Washington state are higher than the rates for residents. Tuition rates are subject to change without notice.

To be classified as a full-time student by the University of Washington Tacoma, an undergraduate student must register for and complete at least 12 credits per quarter. A graduate student must register for and complete at least 10 credits per quarter. Financial aid and tuition rates do not necessarily correspond to these credit requirements.

Click here to review the current year's tuition rates. For tuition rates from previous years, use the Quarterly Tuition Search Tool.

ACADEMIC & UNIVERSITY POLICIES

Undergraduate Students

General Education

The general education portion of the degree will be structured to a significant extent by the Areas of Inquiry (AoI), which consist of three broad areas of study:

- Arts and Humanities (A&H)
- Social Sciences (SSc)
- Natural Sciences (NSc)

In addition, students must also complete coursework in these areas:

- English Composition (C)
- Writing (W)
- Reasoning (RSN)
- Diversity (DIV)

What is General Education?

General Education requirements represent the foundation of a UW education and will support the advanced learning students will do the rest of their lives. The objective is to introduce students to many new ideas, rather than training them in one specific subject, so that they are in a position to create linkages across a wide expanse of different topics and disciplines. Areas of Inquiry (AoI) are meant to allow students to embrace the exploration of new ideas and work diligently to make connections, especially where none seem to exist.

English Composition courses emphasize how to organize and express ideas effectively. In composition courses, students will refine their skills by rewriting papers after receiving feedback on them.

Basic Skills

Writing (W)

- 5 credits English Composition (C) with a minimum 2.0 grade required.
- 10 credits in Writing (W) courses required.

This requirement is intended to ensure that you have the opportunity to practice and use writing, broadly conceived, to deepen your learning, to think critically, and to solve

problems. The Writing requirement is divided into two parts: a Composition course and Additional Writing courses.

Reasoning (RSN)

- 5 credits of Reasoning (RSN) required.

This requirement is intended to ensure that students have the opportunity to improve their capacities for and abilities to critically evaluate and effectively use information utilizing symbolic and/or numeric methods, or the theoretical study thereof.

Diversity (DIV)

- A minimum of 5 credits from the approved University list; may overlap with other Areas of Inquiry requirements. For students admitted to the University prior to autumn quarter 2023, the DIV requirement is a minimum of 3 credits.

Courses that meet the Diversity (DIV) requirement study diversity in the United States with focus on the sociocultural, political, and/or economic diversity of the human experience and help students develop an understanding of the complexities of living in increasingly diverse and interconnected societies.

Areas of Inquiry (AoI)

A minimum of 180 college credits must be completed (with more required in some programs) and include a total of 40 academic credits in the following areas:

Arts & Humanities (A&H)

- A minimum of 10 credits of Arts & Humanities (A&H) required.

The intent of this requirement is for students to become familiar with the methodologies, contributions, and limitations of artistic and humanistic inquiry, broadly defined.

Social Sciences (SSc)

- A minimum of 10 credits of Social Sciences (SSc) required.

The intent of this requirement is for students to become familiar with the methodologies, contributions, and limitations of social science inquiry, broadly defined.

Natural Sciences (NSc)

- A minimum of 10 credits of Natural Sciences (NSc) required.

The intent of this requirement is for students to become familiar with the methodologies, contributions, and limitations of natural science inquiry, broadly defined.

Other Transcript Designations

The E and R designations appear on the Time Schedule and transcript. The E designation signals to employers and professional and graduate programs that students have chosen community-engaged learning experiences in their undergraduate education, while the R designation indicates that they have chosen undergraduate research experiences in their undergraduate education.

Community-Engaged Learning (E)

Community-Engaged Learning (CEL) is defined as "experiential learning with community partners through the mutually beneficial exchange of creativity, knowledge and resources." CEL is considered a High Impact Educational Practice, and has been shown to improve deep learning and persistence in undergraduate students. CEL allows students to engage in educationally purposeful activities and reflection tied to experiences in community-engaged outreach, scholarship, service, teaching/learning, research, creative endeavors or other activity. Community-Engaged Learning (CEL) courses are designated by an "E" in the Time Schedule. Prior to Summer 2024, the course designation was "S" (Service).

Research (R)

To qualify for an R designation, significant and sustained effort in the course must be dedicated to "authentic research/scholarship." Undergraduate research is defined as an original or creative contribution to the discipline, which can include encountering/uncovering new data which is incorporated into existing frameworks, discovering new insights or new data that alter the boundaries and/or contours of the field, drawing novel comparisons or making heretofore unrecognized connections within the field, and/or making new assessments of current knowledge/interpretations what is already known or accepted. Undergraduate Research course(s) are indicated by an "R" in the course schedule.

Special Topic Courses

Special Topic courses are curriculum practice courses to test interest in a course before seeking formal approval.

MAJORS & MINORS

Majors

Declaring or Changing a Major

A major is the academic discipline, such as business or environmental science, to which an undergraduate student formally commits. Successful completion of the courses prescribed in an academic major, general education requirements and elective courses for a minimum of 180 credits qualifies a student to apply for an undergraduate degree.

Admission and graduation requirements for every major offered at UW Tacoma are available in the Degree Programs section of the catalog. The process for declaring a major varies depending on the major chosen. Once the major is finalized, a change of major form or notification is submitted by the academic program to the Office of the Registrar for processing up until the second week of the current term; all others will become effective for the upcoming term.

Students are encouraged to declare or apply to a major as soon as possible. Failure to declare a major before a student has earned 105 credits will result in a hold being placed on their registration. Students who have not yet declared or been admitted to a major, and need guidance, should consult University Academic Advising for assistance.

Double Major or Double Degree

Students may complete the requirements of two majors as either a double major or a double degree.

Double Major	Students will earn a double major when both majors lead to the same degree name even if the two majors are in different schools or programs. Example: if a student completes the requirements for two majors, both of which are deemed bachelor of arts, this is earning a double major. Only 180 credits are required to earn a double major.
Double Degree	Students will earn a double degree when the two majors lead to differently named degrees.

Example: if a student completes the requirements for the bachelor of arts and the requirements for the bachelor of science degree. The student will receive two diplomas.

225 credits are required to earn a double degree.

Degrees with Two Majors

Students must submit separate graduation applications for each major. Requirements of both majors must be met and each major will appear on the transcript.

Second Baccalaureate Degree

A second baccalaureate degree may be granted, upon readmission, but a student must earn a minimum of 45 credits beyond the number required for the first degree, and must be earned in residence. The student must achieve no less than a 2.0 cumulative grade point average in the credits required for the second degree.

Two Baccalaureate Degrees Concurrently

Students who complete 225 credits and complete the requirements of two majors will be awarded two bachelor's degrees only if the degree types are different. For example, a student with a major in psychology and a major in social welfare will receive one bachelor of arts degree with a double major. A student with a major in psychology and a major in finance will receive a bachelor of arts and a bachelor of arts in business administration because the two degree types are different.

Declaring an Option within a Major

Some majors offer formal options within the majors that allow students to obtain a more focused degree. A formal notation of any declared option will be added to the academic record (transcript).

Minors

Declaring a Minor

A minor is an optional program of study (usually 25 to 35 credits) built around a particular subject or discipline. Minors can be helpful by allowing students to focus their degree by choosing a minor related to their major or to broaden their degree by taking an unrelated but complementary minor. The minor appears on the student's transcript.

Students who are working on their first baccalaureate degree and are in a major with at least 45 credits can declare a minor by meeting with their academic advisor. Minors do not have prerequisites and do not require any additional application materials.

Students are eligible to complete as many as three minors while earning their first undergraduate degree. Post-baccalaureate students are not eligible to earn a minor(s).

Completion of a Minor

A student cannot major and minor in the same discipline. A minor must be awarded at the same time the student's first bachelor's degree is awarded. This means:

- A student who does not graduate cannot be awarded a minor.
- A student cannot earn a minor after graduation.

UNIVERSITY GRADING SYSTEM

Grading System for Undergraduate Students

UW Tacoma uses a numerical grading system. Instructors may report grades from 4.0 to 0.7 in 0.1 increments and the grade 0.0. The number 0.0 is assigned for failing work or unofficial withdrawal. Grades in the range 0.6 to 0.1 may not be assigned. Grades reported in this range are converted by the registrar to 0.0. Numerical grades may be considered equivalent to letter grades as shown in the chart below. Some instructors use their own grade scale which they include in their course syllabus.

Undergraduate Grading Scale

Letter Grade	Numerical Grade
A	4.0 – 3.9
A-	3.8 – 3.5
B+	3.4 – 3.2
B	3.1 – 2.9
B-	2.8 – 2.5
C+	2.4 – 2.2
C	2.1 – 1.9

Letter Grade	Numerical Grade
C-	1.8 – 1.5
D+	1.4 – 1.2
D	1.1 – 0.9
D-	0.8 – 0.7 (Lowest passing grade)
E	0.0 (Failure or unofficial withdrawal; no credit earned)

Grading System for Graduate Students

At the graduate level, instructors may report grades from 4.0 to 1.7 in 0.1 increments. Grades below 1.7 are recorded as 0.0 by the Registrar and do not count toward residency, total credit count, or grade and credit requirements. A minimum grade of 2.7 is required in each course that counts toward satisfying the Graduate School requirement for 18 hours of coursework numbered 500-700 at the master's level. A minimum cumulative GPA of 3.0 is required for graduation. Numerical grades may be considered equivalent to letter grades as follows:

Graduate Grading Scale

Letter Grade	Numerical Grade
A	4.0 – 3.9
A-	3.8 – 3.5
B+	3.4 – 3.1
B	3.0 – 2.9
B-	2.8 – 2.5
C+	2.4 – 2.1
C	2.0 – 1.7
E	1.6 – 0.0

Other Letter Grades

Definitions for the following letter grades that may also be used:

Letter Grade	Description
CR: Credit Awarded	Credit in a course offered on a credit/no-credit (C/NC) basis only or in courses numbered 600, 601, 700, 750 and 800. The minimum performance level required for a CR grade is determined, and the grade is awarded directly by the instructor. CR is not computed in GPA calculations.
NC: Credit Not Awarded	Credit not awarded in a course offered on a credit/no-credit (C/NC) basis only or in courses numbered 600, 601, 700, 750 and 800. The grade is awarded directly by the instructor and is not included in GPA calculations.
S: Satisfactory	Satisfactory grade for courses taken on a satisfactory/not-satisfactory (S/NS) basis. An S grade is automatically converted from a numerical grade of 2.0 or above for undergraduate classes and 2.7 or above for graduate classes. The grade S may not be assigned directly by the instructor, but is a grade conversion by the Office of the Registrar. Typically, undergraduate students may elect this option only for free electives and cannot be used to satisfy a university, college or department course requirement unless the quarter is deemed as one of extraordinary circumstances where courses will count towards prerequisites, major and degree if the student earns an S grade. With the approval of their program advisor, graduate students may elect to be graded S/NS in any numerically graded course for which they are eligible. A maximum of 25 credits of S/NS grades may be applied to an undergraduate degree. S is not computed in GPA calculations. For graduate students, see an academic advisor. Read about late grading options during Extraordinary Circumstances Quarters.
NS: Not Satisfactory	Not Satisfactory grade for courses taken on a satisfactory/not-satisfactory (S/NS) basis. A grade less than 2.0 for undergraduate classes and 2.7 for graduate classes is converted to NS. NS is not included in GPA calculations. No credit is awarded for courses in which an NS grade is received. Read about late grading options during Extraordinary Circumstances Quarters.

I: Incomplete	Instructors may grant an incomplete grade if the student has done satisfactory work to within three weeks of the last day of the quarter and if circumstances prevent the student from completing the remaining work for the course by the end of the quarter. Instructors are never obligated to grant a student's request for an Incomplete. A student should make the request for an Incomplete to their instructor by submitting the Incomplete Grade Request Form by the last day of the quarter. For undergraduate students: To obtain credit for the course and remove the "I" designation from the transcript, a student must complete the work to convert an incomplete into a passing grade by the last day of the next quarter after the incomplete grade was assigned (excluding summer). An incomplete grade not made up by the end of the next quarter will be converted to the grade 0.0 by the Registrar unless the instructor has indicated, when assigning the incomplete grade, that a grade other than 0.0 should be recorded if the Incomplete work is not completed. For graduate students: In order to obtain credit for the course and remove the "I" designation from the transcript, a student must complete the work to convert an Incomplete into a passing grade by the last day of the next quarter after the incomplete grade was assigned (excluding summer). If a grade is not received, the Incomplete does not automatically convert to a grade of 0.0, but the "I" will remain as a permanent part of the student's record. For Undergraduates & Graduates: Instructors may seek one subsequent and additional quarter of extension with permission of the Registrar's Office. The request must be received no later than the expiring quarter's grading deadline.
W: Official Withdrawal	Official Withdrawal or drop from a course from the third through the seventh week of the quarter for undergraduates. A number designating the week of the quarter is recorded with the “W” when a course is dropped. It is not computed in GPA calculations. Effective through Summer 2020.
HW: Hardship Withdrawal	Grade assigned when a student is allowed a hardship withdrawal from a course after the fourteenth calendar day of the quarter. HW grades are not computed in GPA calculations. Effective through Winter 2020.
RD: Registrar Drop	"RD" is assigned when a student is allowed to withdraw from a course(s) after the 14th calendar day of the quarter (click here to learn more about Current Quarter Drop and Former Quarter Drop policies). It does not impact cumulative GPA or academic standing. Effective beginning Spring 2020.

N: Hyphenated Course	Indicates that the student is making satisfactory progress and a final grade will be given at the end of the quarter the work is completed. Used only for hyphenated courses (courses not completed in one quarter) and courses numbered 600, 601, 700, 750 or 800. An N grade carries with it no credit or grade until a regular grade is assigned.
X: Missing Grade Annotation	If after the grading deadline a student has not been assigned a grade by the instructor, the system will insert an X missing grade annotation that appears on the student's record. The GPA is not affected and no credit is granted. The student does not receive credit for the course until a passing grade is submitted.

Grade point average (GPA)

The University's cumulative GPA is based solely on courses taken in residence at the UW. The UW transcript also reflects grades for other Continuum College courses that are not residence credit and grades for credit by examination. Credits by exam grades do not affect the student's UW cumulative GPA.

Computation of GPA

The grade point average for graduation is computed by dividing the total cumulative grade points by the total credits attempted for courses taken in residence at the university. Grade points are calculated by multiplying the number of credits by the numeric value of the grade for each course. The sum of the grade points is then divided by the total credits attempted. Courses elected on an S/NS basis are counted as follows: Satisfactory grades are printed on the permanent record as an S and do not count in the quarterly or cumulative grade point average, but they do count as credits earned toward graduation. Not-satisfactory grades (NS) do not count in the quarterly and cumulative grade point averages and do not count as credits earned toward graduation.

Examples of How to Calculate your GPA:

Example 1:

COURSE	CREDITS		GRADE		GRADE POINTS
TWRT 211	3	X	0.0	=	0.0
TMATH 324	5	X	2.9	=	14.5
TCSS 390	5	X	3.2	=	16.0
	= 13 total credits attempted				= 30.5 total grade points

Total credits earned toward graduation: 10

Total graded credits attempted: 13

Total grade points: 30.5

Grade point average = 30.5 ÷ 13 = 2.35 GPA

The total graded credits attempted (13 credits), **not the credits earned (10)**, are used in computing the GPA.

Example 2:

COURSE	CREDITS		GRADE		GRADE POINTS
TBUS 300	5	X	2.3	=	11.5
TBUS 310	5	X	2.9	=	14.5
TBUS 320	5	X	I	=	0.0
	= 10 total credits completed (5 are incomplete)				= 26.0 total grade points

Total credits earned toward graduation: 10

Total graded credits attempted: 15

Total grade points: 26

Grade point average = 26.0 ÷ 10 = 2.60

The student attempted 15 credits, but has received an incomplete (I) for TBUS 320, so only 10 are graded initially; the I is not computed in the grade point average. If the work in TBUS 320 is not made up by the end of the following quarter, the I grade will convert to a numeric grade of 0.0 and the grade point average will be recomputed and the 15 total credits attempted will now used to re-calculate the grade point average. When a grade of 0.0 is received, it is computed in the grade point average, but no credit is awarded toward graduation.

Grading Procedures

Change of grade

Except in case of error, an instructor may not change a grade that they have submitted to the Registrar. A student who finds administrative omissions or errors in a grade report must make application for review no later than the last day of the student's next quarter in residence. Students are not automatically notified of grade changes posted and should review their unofficial transcript. Students have **45 days** following the granting of the degree to address any grading error before the academic record is sealed.

Written Appeal of Grade Error

If a student believes that the instructor made an error in the assignment of a grade, or believes a grade recording error or omission has occurred, the following procedures are required to resolve the matter:

- The student must first discuss the matter with the instructor before the end of the following academic quarter.

- If they are not satisfied with the instructor's response, the student may submit a written appeal that must include documentation[2] to the director or the dean of the program[3] that offered the course, with a copy of the appeal to the instructor. This must be done no later than 10 class days after your discussion with the instructor. The director or dean will consult with the instructor to ensure that the evaluation of your performance was fair and reasonable or whether the instructor's conduct in assigning the grade was arbitrary or capricious. Should the dean or director believe the instructor's conduct to be arbitrary or capricious[4] and the instructor declines to revise the grade, the director, with the approval of the voting members of his or her faculty, shall appoint an appropriate member, or members, of the faculty of that program to evaluate your performance and assign a grade. The vice chancellor for academic affairs and the provost will be informed of this action.

Once the student submits a written appeal, this appeal, any supporting documentation, and all subsequent actions on this appeal may be maintained and/or recorded in written form for deposit in a department, school or college file.

(1) Final grade means the grade received in the course and reported to the Office of the Registrar.

(2) Documentation means all materials relevant to the grade determination and to the grade appeal process. Examples include grade reports, graded work, syllabus, student/faculty correspondence, etc.

(3) Director or Dean means the administrator responsible for the respective school or program offering the course, which is under appeal.

(4) "Arbitrary or capricious" means in a manner deemed to be inappropriately subjective or otherwise inconsistent.

Extraordinary Circumstances Quarter Late Grading Option

Undergraduate and graduate students may amend their original grading options for courses during Extraordinary Circumstances Quarters (ECQ). Review the Extraordinary Circumstances Quarter website for specific information about the following terms that have been deemed an Extraordinary Circumstances Quarter. Students may continue to move between numeric to S/NS grading or from S/NS to numeric for grades earned only in Extraordinary Circumstances Quarters until their degree has been posted. A change of registration fee is assessed for each change of grading option made, except for changes to Spring 2020 courses. Satisfactory (S) grades will count toward degree and graduation requirements.

HONORS

Academic Honors

Quarterly Dean’s List

The quarterly Dean's list includes the names of matriculated undergraduate students who are pursuing their first undergraduate degree and have attained a quarterly GPA of 3.50 in the final grades for at least 12 numerically graded credits. S/NS and CR/NC courses do not count as graded credits. Students who have been approved for a Reduced Course Load through Disability Resource Services must attain a quarterly GPA of 3.50 and complete 6 graded credits. Appropriate entries regarding inclusion on the Dean's List are made on the student’s permanent academic record.

Annual Dean’s List

The Annual Dean's List includes the names of matriculated undergraduate students who are pursuing their first undergraduate degree and have achieved a quarterly GPA of 3.50 in 12 or more numerically graded credits each quarter for three quarters of the academic year (summer through spring).

Students enrolled for four quarters of the academic year (summer through spring) must satisfy the conditions outlined above and attain a quarterly GPA of 3.50 or better in the fourth quarter, if enrolled for 10 or more credits.

The official University record that a student has qualified for the Quarterly/Annual Dean's list is the notation on the student's UW transcript. The Dean’s List website is updated quarterly and lists those students who have earned Dean's List recognition. Annual Dean's List recipients are listed at the end of Spring quarter. Only students who have authorized the release of Student Directory Information will appear on the Dean's List website.

Dean's List Notifications

UW Transcript: The official University record that a student has qualified for the Quarterly or Annual Dean's List is the notation on the student's UW transcript.

Quarterly Dean's List Webpage: Recipients for the most recent quarter will have their name listed under Dean's List Recipients. Students must have directory release for their name to be listed.

Baccalaureate Honors

Baccalaureate honors (summa cum laude, magna cum laude, cum laude) are awarded only to students earning their first baccalaureate degree. Baccalaureate honors are earned by those students who have completed 90 or more credits in residence at UW Tacoma and at least 60 of those credits must be graded.

The University's Honors Committee determines annually the grade-point requirement for each baccalaureate honor. In recent years, approximately 10 percent of the students have been awarded baccalaureate honors. Online courses are included in the UW cumulative GPA and therefore count toward baccalaureate honors.

Faculty Honors

At the University of Washington Tacoma, faculty honors are awarded to those students receiving their first baccalaureate degree whose GPA is in the upper 10 percent of their program and who have earned between 43 and 89 numerically graded credits at the UW. The grade-point requirement is at the same level as baccalaureate honors. Only students earning their first baccalaureate degree are eligible to receive honors.

Departmental Honors

Global Honors Program

The Global Honors Program is the UW Tacoma's interdisciplinary campus honors program, adding distinction to the bachelor's degree. It offers curricular pathways in Global Leadership and Global Citizenship and a Minor in Global Engagement. The program oversees major-integrated honors, connecting them to high impact global learning practices through the Institute for Innovation and Global Engagement.

School of Interdisciplinary Arts & Sciences Honors

The School of Interdisciplinary Arts & Sciences currently offers honors designations in four majors:

- Bachelor of Arts degree with a major in History
- Bachelor of Arts degree with a major in Law and Policy
- Bachelor of Arts degree with a major in Politics, Philosophy and Economics
- Bachelor of Arts degree with a major in Economics and Policy Analysis

School of Engineering & Technology

The School of Engineering & Technology currently offers honors designation for the Bachelor of Science degree with a major in Computer Science and Systems.

Recognition & Awards

President's Medal

Each year, the UW Tacoma President's Medalist is selected from graduating seniors with the most distinguished academic record and recognized at the commencement ceremony. Candidates must be in the top 2% of the graduating class in their academic program and have either graduated (in autumn or winter quarter) or submitted a graduation application to graduate (in spring or summer quarter) during the respective academic year.

Review the Eligibility and the Selection Process.

Chancellor's Medal

Each year, a student receiving an undergraduate degree is recognized by the chancellor at the commencement ceremony for their extraordinary achievement as a student at UW Tacoma. Nominees must have above a 3.0 cumulative grade point average or above and are earning a degree in autumn, winter, spring or summer of the respective academic year. The award recognizes an individual who has been a consistent source of inspiration for faculty and fellow students alike, and has overcome significant obstacles in order to complete a degree. The Chancellor's Medal is conferred at Commencement.

Review the Eligibility and the Selection Process.

ACADEMIC STANDARDS

Academic Standards

Students are expected to meet the traditional standards of honesty and truthfulness in all aspects of their academic work at UW Tacoma. In particular, all work submitted to an instructor in fulfillment of course assignments, including papers and projects, written and oral examinations, and oral presentations and reports, must be free of plagiarism. Plagiarism is using the creations, ideas or words of someone else without formally acknowledging the author or source through appropriate use of quotation marks, references and the like. Student work in which plagiarism occurs will not be accepted as satisfactory by the instructor and may lead to disciplinary action against the student submitting it. Any student who is uncertain whether his or her use of the work of others constitutes plagiarism should consult the course instructor for guidance before formally submitting the work involved.

Satisfactory Progress

The university requires students to declare a major by the time they have earned 105 credits. Students are urged to meet with an advisor to determine a major. A registration hold is placed on students who have reached 105 credits and not declared a major. In rare cases, a student who has met with an advisor will be granted a pre-major extension.

Students who have completed 165 or more credits, completed eleven or more academic satisfactory progress quarters and who do not have a graduation application or graduation plan on file will receive a registration hold, and must meet with their advisor and start planning for graduation. In order to remove the hold, the student must submit a graduation application or a graduation plan.

The university's satisfactory progress policy requires that students complete their undergraduate degree within 30 credits beyond the minimum required for the degree. Because most degrees require 180 total transfer and UW credits, students generally must complete their programs by the time they earn 210 credits.

Undergraduates who have completed more than 210 credits will be notified by the end of the third week of the quarter that a block is being placed on their registration due to lack of satisfactory progress. Students are encouraged to meet with their academic advisors to prepare a graduation plan or complete a graduation application.

Low Academic Standing

Academic Alert Status

An undergraduate student whose grade point average falls below 2.00 in their first quarter at the university receives an academic alert status. If a cumulative grade point average of at least 2.00 for courses earned in residence at the university is not achieved by the end of the next quarter, they are placed on academic warning status.

Academic Warning and Drop

Academic warning status is essentially a warning that the student must show improvement if the student is to remain at the University. An undergraduate student is placed on academic warning if their cumulative GPA falls below 2.00, except for their first quarter when an academic alert is issued. They must achieve a 2.00 GPA for each subsequent quarter until their cumulative GPA is raised to 2.00 or they are put on academic drop status in which registration in future quarter(s) is cancelled and the student dismissed from the University.

Senior in Final Quarter

A senior who has completed the required number of credits for graduation, but whose work in what would normally be their final quarter places them on academic warning status, does not receive a degree until removed from academic warning status. A senior who has completed the required number of credits for graduation, but whose work during the last quarter results in academic drop status, does not receive a degree until readmitted and removed from the academic warning status.

Reinstatement

An undergraduate student who is placed in academic drop status will be readmitted to the university only at the discretion of the pre-major reinstatement committee or if in a major, the student's academic program. In most cases, a student may be required to sit out one quarter. A student readmitted after being dropped under these rules reenters the university on academic warning status. The student's GPA is the same as when dropped from the university, and the student may not use grades from other colleges or universities to raise their UW grade point average. A readmitted student is dropped if they fail to attain either a 2.00 grade point average for the following quarter's work or a cumulative UW grade point average of 2.00 at the end of that quarter. The student is removed from probation at the end of the quarter in which a cumulative grade point average of 2.00 or better is reached. The Petition for Reinstatement form is available online through the Office of the Registrar. To be considered, the reinstatement petition must be submitted to an academic advisor three weeks prior to the start of the quarter.

Please note: The University of Washington transcript is comprised of course work and grades from all three campuses. Students who are dropped for low scholarship from one campus and reinstated at another will remain on academic warning status until their cumulative grade point average reaches 2.00.

GRADUATION REQUIREMENTS FOR THE BACCALAUREATE DEGREE

To graduate with a bachelor's degree, a student must meet minimum general education and basic skills requirements in addition to the requirements of their academic program. This section outlines only the general education and basic skill requirements. Graduation requirements for each degree program are explained in this catalog.

Students must earn a cumulative grade point average of at least 2.0 for all work done in residence at the university. The graduation grade point average is computed when the student has completed all work for the degree and includes only credits earned while in residence at the university.

Students must complete a minimum of 180 academic credits in the following areas:

General Education	No fewer than 40 credits of general education courses, to include a minimum of 10 credits in each of three areas of study: Natural Sciences (NSc), Social Sciences (SSc), and Arts and Humanities (A&H)
Writing/Composition	A minimum of 15 credits of writing to include 5 credits of English Composition (with a minimum 2.0 grade) and 10 credits of designated writing-intensive courses
Reasoning	A minimum of 5 credits of Reasoning (RSN) course work
Diversity	A minimum of 5 credits from the approved University list; may overlap with other Areas of Inquiry requirements.

Final-Year Residency Requirement

Students are required to complete 45 of their final 60 credits as matriculated students in residence at UW Tacoma. Some degree programs may have stricter residency requirements. Fully online degree programs are exempt from this requirement.

The following are considered non-resident credit:

- Cross-campus courses taken at UW (Seattle campus) & UW Bothell
- Credit from external sources (AP/IB credit, transfer coursework, by exam, Armed Forces Training School, etc.)

To seek an exception to the residency requirement, the student needs to submit a graduation petition two quarters in advance to their academic advisor. Petitions requesting approval of 16-25 non-resident credits will be reviewed by the department awarding the degree. Petitions requesting more than 25 credits will be reviewed by the Academic Policy & Curriculum Committee. See details in the "Waiver of Graduation Requirements" section. If an exception is granted, the student still must present a minimum of 45 credits taken in residence as a matriculated student to be awarded a UW degree.

Catalog for Graduation Requirements

With advisor approval, a student may choose to graduate under the requirements of either the current catalog or the catalog in effect at the time they entered the program from which they are to graduate.

If the student graduates more than 10 years after enrolling in the program, the current catalog must be used for graduation purposes. Exceptions to this rule cannot be made without official approval by the academic program.

Waiver of University or Program Requirements for Graduation

To request a waiver of a program degree requirement, a student must submit a petition to their academic program. Students should confer with their advisor before completing the petition. Review is done by the academic program faculty committee or director/dean, as procedures specific to each academic program dictate.

If the student is requesting to waive a university requirement (e.g., residency or the minimum grade for composition), the petition will be submitted to their academic advisor for review by the Faculty Assembly's Academic Policy and Curriculum Committee (APCC). Once a determination has been made, the student is contacted. The 180-credit minimum and cumulative 2.00 GPA requirement for an undergraduate degree are university requirements that are not petitionable.

To ensure a determination is made in time for graduation, petitions must be submitted at least two quarters before the student's graduation date to allow time for the committee to review and for registration.

The decision of the APCC is final. An exemption from a university graduation requirement becomes void at the end of two calendar years from the date the exemption was granted if all degree requirements have not been completed by that date.

Filing a Graduation Application

The student must make an appointment with their advisor to complete an application for graduation. The application may be filed as early as three quarters before the expected date of graduation. The absolute deadline for filing an application is the Friday of the third week of the quarter in which the student intends to graduate.

Students who will complete their degree requirements in summer quarter but wish to participate in the preceding spring commencement must adhere to the spring deadline.

It is the student's responsibility to apply for a degree; degrees are not automatically awarded when requirements have been satisfied.

If a student declared a minor but it does not appear on the graduation application, the graduation specialist will remove it. On the other hand, if a student lists a minor on the degree application, the student must complete that minor or drop it officially, otherwise they will not graduate. This protects the student from being graduated when the actual intent is to continue in order to complete the minor.

Adding minors after applying to graduate

A student who wants to add a minor after the graduation application has been submitted must see their advisor, who will update the application and notify the graduation specialist in the Office of the Registrar.

Commencement

Formal Commencement exercises are conducted at the end of spring quarter. Programs also hold separate hooding ceremonies for their master's degree graduates. Information on participating in these ceremonies is posted on the UW Tacoma commencement website.

Students who graduated during the previous autumn or winter quarters and those who anticipate graduating in spring or summer quarters of the current year are eligible to participate in an in-person event if they have filed a graduation application. It is the student's responsibility to apply for graduation by the deadline, see Filing a Graduation Application.

Diploma Distribution

Diplomas are mailed approximately two months following graduation. The Office of the University Registrar in Seattle will send graduated students an email with a link to a form where students can indicate a desired diploma name and mailing address. The diploma name does not need to match the student record name. The form may be used to indicate a preferred name, hyphens, spaces, lower/upper case letters, accents, or other special characters. If a student does not complete the form, or misses the deadline provided in the email, the diploma will be printed using the student record name and mailed to the permanent address per UW records. The diploma will list a student's name, degree, and any applicable honors.

Students do not receive their diploma at the Commencement ceremony. Alumni may download a Certified Electronic Diploma at no charge. For more information, visit Certified Electronic Diploma (CeDiploma).

GRADUATE ACADEMIC & UNIVERSITY POLICIES

The following section contains detailed information concerning policies and procedures relating to graduate students and graduate studies. Students should verify all information with the program advisor of the individual academic program or appropriate staff.

For more information on the University of Washington Graduate School and graduate student policies, please visit the Graduate School website at https://grad.uw.edu/.

Time to Completion

The Graduate School normally allows six years to complete requirements for a master's degree. Periods spent on leave or out of status are included. UW Graduate Non-matriculated credits used toward the total credits are also counted in the six years.

The Graduate School normally allows ten years to complete all work for the doctoral degree. This includes quarters spent on leave or out of status as well as applicable work from the master's degree from the UW or a master's degree from another institution, if applied toward one year of resident study.

Graduate Courses

Graduate courses numbered in the 500s through 800s are intended for and ordinarily restricted to either students enrolled in the Graduate School or graduate non-matriculated students who meet the requirements of Policy 3.3.

Graduate courses should be presented at a level that assumes enrolled students bring to the class a background at least equivalent to a bachelor's degree in the field or a related interdisciplinary field. Graduate courses must not be used to correct deficiencies in the student's undergraduate work; courses normally expected to be part of undergraduate preparation for graduate study must be identified by undergraduate course numbers.

Some courses at the 300 and 400 levels are open to graduate students; see Policy 1.1 for using these courses for graduate degree requirements.

Graduate Requirements for the Master's Degree

In addition to the requirements listed under Policy 1.1.1 that apply to all graduate degree programs:

- Master's degree requirements must include a minimum of 36 credits. A master's program may require more than this minimum.
- A student must complete all work for the master's degree within six years from the time of first enrollment. Periods spent on leave or out of status are included in these limits. Exceptions to time to degree will be made at the program level.
- A master's program generally should require a final culminating or integrated experience, with the exception of applied professional programs where a coursework-only program can be thoroughly justified in the program proposal (e.g., a coursework-only program is the standard in the field).

1.1.2.1 Coursework that may be applied towards master's degree requirements

- With program approval and policy compliance confirmation by the Graduate School:
    - A maximum of 6 quarter credits of graduate-level (500-level or equivalent) coursework taken at another recognized academic institution may be transferred and apply to UW master's degree requirements.
    - Up to 12 credits from a previously enrolled UW graduate or professional degree program may be applied toward current degree requirements. These credits may not be used to satisfy the thesis or culminating experience requirement. If a degree was completed, then credits:
        - Cannot count toward the minimum 36 total credits required for master's degrees.
        - Cannot count toward the 18 numerically graded credits required for graduate degrees.
    - Any number of credits applied to a UW graduate certificate in the same program may be counted towards master's degree requirements. These credits may not be applied towards the degree's thesis or culminating experience requirement.
- No more than 12 credits derived from any combination of GNM credits, previous UW credits and transfer credits may be applied towards the total degree requirements. These credits may not be applied towards the thesis or culminating experience requirement.

1.1.2.2 Thesis Programs

- The master's thesis provides evidence of the graduate student's ability to conduct independent investigation and to present the results in clear and systemic form. [Note: See Policy 4.2.1for any thesis that will include human or animal subjects.]

- The thesis must be written in the English language. If there are circumstances that warrant a thesis in another language, the program may petition the Graduate School.
- A thesis program must include a minimum of 9 thesis credits (700, per Policy 4.2).
- Thesis credits cannot be applied to requirements for a non-thesis master's degree.

1.1.2.3 Final Examination

- If a master's program requires a final examination, it may be either oral or written. A majority of the supervisory committee (see Policy 4.2.1) must approve for satisfactory completion, and all members of the supervisory committee must certify examination results (either through a Committee Signature Form or through a department or school-level process).
- If an examination is unsatisfactory, and if permitted by the graduate program, a supervisory committee may, with notification to the Graduate School, allow the student to take another examination after a period of further study. A maximum of two re-examinations is permitted.

Graduate Degree Application Process

The Graduate School defines minimum degree requirements for all University of Washington graduate programs. Individual graduate programs may have degree requirements that exceed the Graduate School minimum requirements.

The Graduate Faculty with oversight of a graduate program have primary responsibility for assuring that students recommended for graduation have satisfactorily fulfilled the degree requirements for the program in which they are enrolled.

A student must satisfy the requirements for the degree that are in force at the time the degree is to be awarded. Exceptions may be made for programs that have undergone changes to degree requirements.

Learn more about the Graduate School's Graduate Degree Requirements and Policy 1.1

Master's degree request schedule

The academic department may require an earlier request submission date; students should consult with their department.

For all quarters, the deadline to file a Master's request is the last day of the academic quarter (the last day of finals week).

Completing the Master's Degree Request

- When completing the master's degree request, the program will automatically run a degree audit to inform the students of any unsatisfied Graduate School requirements.

- Students will receive an email confirming receipt of their master's degree request and the students' departments are notified through MyGrad Program that a request has been submitted.
- Authorized departmental users enter department contingencies into MyGrad Program and can elect to send an email to the students to notify them of the departmental contingencies. Authorized departmental users will print the master's degree warrants and the warrants will be routed to the students' master's committees in a manner determined by the department.
- By signing the master's degree warrants, the students' committees certify that the students have met all departmental requirements for the degree (except the thesis if one is required) and the warrants must be placed in the students' department file.
- Once the warrants have been signed, the authorized departmental users will recommend whether or not the students are to graduate that quarter and these recommendations are conveyed to the Graduate School through MyGrad Program following the end of the quarter. Emails are sent to the students notifying them that their departments have made a recommendation on their request.
- Once the Graduate School receives the degree request recommendation, a final transcript audit and a review to determine if all Graduate School and department contingencies are met, will be completed by Graduate School staff.
- The Graduate School enters the final graduation decision into MyGrad Program, email notifications are sent to the students informing them of their graduation status, and authorized department users can view their quarter graduation list in MyGrad Program.

Commencement

Formal commencement exercises are conducted at the close of spring quarter. Academic programs also hold separate hooding ceremonies for their master's and doctorate degree graduates in early June. Information on participation in these ceremonies is posted on the UW Tacoma Commencement website at tacoma.uw.edu/commencement.

Diploma distribution

Diplomas are mailed approximately two months after the end of the quarter in which they are earned and are mailed to the student's address on file with the University.

Transfer Credit

For Master's and Educational Specialist degrees:

- A maximum of 6 quarter credits of graduate-level coursework taken at another recognized academic institution may be transferred and apply to UW degree requirements, when acceptable to the graduate program and the Graduate School.
- No more than 12 credits derived from any combination of GNM credits and transfer credits may be applied towards the total degree requirements.

For Doctoral degree other than Practice Doctorate:

- With the approval of the graduate program and the Graduate School, a master's degree in a relevant field of study from an accredited institution may substitute for up to 30 of the required 90 credits. No other transfer credits are allowed for doctoral programs.
- With the approval of the graduate program, any number of credits applied to a UW master's degree in the same program may be counted towards doctoral degree requirements.

For Practice Doctoral degrees:

- With the approval of the graduate program and the Graduate School, a Ph.D. or a master's degree in a relevant field of study from an accredited institution may substitute for up to 30 of the required 90 credits.
- With the approval of the graduate program, any number of credits applied to a UW master's degree in the same program may be counted towards doctoral degree requirements.
- A maximum of 10 quarter credits of graduate-level coursework taken at another recognized academic institution may be transferred and apply to UW practice doctorate degree requirements, when acceptable to the graduate program and the Graduate School.
- No more than 12 credits derived from any combination of GNM credits and transfer credits may be applied towards the total degree requirements.
- No more than 30 credits derived from any combination of GNM, transfer, and substituted credits may be applied towards the total degree requirements.

More information may be found in the Graduate School's Policy 1.1.5.1

Graduate Credits Taken as an Undergraduate

University of Washington students who are within six credits of completing their undergraduate work and who have met the requirements for admission to the Graduate School may register the quarter immediately preceding admission to the Graduate School for up to six credits in 500-level courses in addition to the last six credits they require of undergraduate work. For example, a student admitted for autumn quarter may take graduate credits during the preceding spring quarter.

This registration and these arrangements must be approved by the graduate program that the student will enter. However, students so enrolling are not reclassified as graduate students until the baccalaureate degree has been granted and after their official admission. At that point, it is necessary to petition to permit the six credits to apply toward the master's degree. Only under these circumstances may graduate work taken as an undergraduate be applied toward an advanced degree. Further registration for graduate work is contingent upon completion of

the requirements for the bachelor's degree.

Graduate Non-matriculated Students

A Graduate Non-matriculated student is a post-baccalaureate student who wishes access to a limited number of graduate courses, but who has not been admitted by the Graduate School to a degree program. These Graduate Non-matriculated students must not be enrolled in any courses where they would displace admitted degree-seeking graduate students. This status is not appropriate for international students on F-1 visas.

Applicants for GNM status must meet Graduate School minimum admission requirements and must be evaluated for acceptance by the academic unit according to the typical criteria for admitting students to the unit's graduate programs.

Tuition and fees charged GNM students for graduate level courses cannot be less and may be more than those charged to graduate students.

Acceptance as a GNM student confers no guarantee or priority for later admission to a graduate degree program.

More information may be found in the Graduate School's Policy 3.3

Visiting Graduate Students

Visiting Graduate Student status allows certain students to take University of Washington coursework without being admitted to a University of Washington graduate degree program.

All applications for Visiting Graduate Student status are processed by the Graduate School's Graduate Enrollment Management Services (GEMS) office. All documentation submitted by the applicant must be in English or official translations into English accompanied by the original foreign language document.

If a student with Visiting Graduate Student status later applies for admission to the Graduate School in order to pursue a graduate degree, the student must formally apply and submit complete credentials as outlined in Policy 3.1.

Not all graduate programs accept visiting graduates, so please contact the program before you apply. You may find contact information in the graduate program listing.

More information may be found in the Graduate School's Policy 3.4

Graduate Student On-Leave Status

Graduate students must maintain graduate student status throughout their graduate program. Students who desire to take one or more quarters off without registering, must request on-leave status for each quarter. This prevents loss of graduate student status and avoids the reinstatement/re-entry process. See Graduate School Policy 3.5 for full details on leave,

withdrawal, reinstatement, and re-entry policies.

3.5.1.2 On-leave Status Eligibility and Requirements

To be eligible for on-leave status during the academic year, a student must:

1. Satisfy any graduate program(s) policies pertaining to going/remaining on leave.
2. Receive approval from all graduate programs in which they are enrolled.
3. Be in graduate school status at the University of Washington the quarter immediately prior om or continuing leave.
4. Not be registered on the first day of the requested on-leave quarter.
5. Not be registered in any other student status (e.g. Nonmatriculated or Graduate Nonmatriculated), as this will terminate on-leave-status -- even if the student later drops those courses.
6. No be suspended from the University (except in the case of emergency suspensions).

[Note: The "good standing" referenced in the WAC quoted above is separate from "good academic standing." As such, the WAC does not prohibit students in Academic Alert or Final Academic Alert from being granted on-leave status.]

Students must request leave on a quarterly basis (except summer) and pay a non-refundable, quarterly fee.

On-leave requests may be approved or deni3ed at the program's discretion, consistent with the program's written policies. The program is responsible for monitoring requests and issuing decisi9ons in a timely manner. For requests submitted at least five business days before the first day of classes, any denial must be issued no later than the sixth day of the quarter, in order to provide the students with sufficient opportunity to register for courses. This requirement does not apply in those circumstances where program policy states that on-leave status will not be approved.

[Note: Eligible international students should consult with international Student Services regarding the student's immigration status prior to final approval of on-leave status.]

Students on-leave are entitled to:	**Students on-leave are not entitled to:**
• Return as a graduate student to the graduate program • Use University libraries	• Faculty and staff counsel/resources (very limited counsel/resources are permitted)

• Maintain access to the UW email account • Use Hall Health Primary Care Center on a pay-for-service basis	• Examinations of any type (except for language competency) • Thesis/dissertation filing • University housing • Student insurance • Financial assistance

Reinstatement to the Graduate School

A matriculated student previously registered in the Graduate School who has failed to maintain graduate student status (on-leave status or registration) but who wishes to resume studies in their previous graduate program must submit a reinstatement request to the Graduate School. Students approved to reinstatement must pay a $250 reinstatement fee to process their reinstatement and return to active student status.

Reinstatement Eligibility

- Must be an inactive matriculated graduate student wishing to return to their previous degree program. Non-matriculated, undergraduate, or active graduate students are not eligible for reinstatement.
- Must have been registered for at least one quarter of graduate study at UW.
- Must have approval from the graduate program to reinstate.
- Must satisfy any additional graduate program policies pertaining to reinstatement.
- International students must have confirmation from the International Student Services office that an I-20 can be issued in time to meet registration deadlines.
- Original admission date was less than six years ago (for master's students) or ten years ago (for Doctoral students). The Graduate School normally allows six years to complete requirements for a master's degree and ten years for a doctoral degree. Periods spent on-leave or out of status are included.

Students who do not meet these requirements are not eligible for reinstatement without a petition from their graduate program. Ineligible students should instead submit a new application for admission after consulting with their graduate program. Please note that students who meet reinstatement requirements but instead submit a new application for admission will have their application fee refunded and be assessed the $250 Reinstatement Fee.

For questions regarding on-leave status, please contact your graduate program advisor or Graduate Enrollment Management Services at uwgrad@uw.edu or 206-685-2630

Doctoral Degree Policies

The Doctoral Degree other than Practice Doctorates

- In addition to the requirements listed under Policy 1.1.1 that apply to all graduate degree programs, the following requirements apply to all doctoral degrees other than practice doctorates. For the composition and responsibility of the doctoral supervisory committee, see Policy 4.2.
- Doctoral degree requirements must include a minimum of 90 credits beyond the baccalaureate. A doctoral degree program may require more than this minimum.
- Doctoral programs require a culminating experience, with PhD programs requiring original research reflected in the dissertation.
- All work applied to the doctoral degree must be completed within ten years, including credits counted from a master's degree at UW. Periods spent on leave or out of status are included in these limits. Exceptions to time to degree will be made at the program level. Additional Doctoral Degree requirements may be found in the Graduate School policy 1.1.4

The Practice Doctoral Degree:

- A practice doctorate is intended as preparation for professional practice at the frontiers of existing knowledge (see Policy 1.7.2).
- In addition to the requirements listed under Policy 1.1.1 that apply to all graduate degree programs:
    - Practice doctoral degree requirements must include a minimum of 90 credits beyond the baccalaureate.
    - The practice doctorate requires successful completion of 12 credits of dissertation, project or capstone credit (801 Practice Doctorate Dissertation/Project/Capstone).
    - There is no formally recognized candidacy status for practice doctoral students. Requiring a general exam or other milestones is at the discretion of the program and is not reported to the Graduate School.

RESIDENCY

Residence Classification Requirements

The Office of the Registrar has detailed information on residency classification, the residency affidavit and the residency questionnaire. Residency is determined by several factors in addition to physical residence in Washington and may be established through the submission of documentary evidence. Any student seeking clarification regarding residency classification should review the information at the Understanding Washington Residency website or contact the Office of the Registrar.

Veteran and Military Residency

Active-duty military personnel stationed in the state of Washington, their spouses and dependent children are eligible for resident (in-state) tuition. An exemption to Washington residency is allowed for many veterans and their families, based on state law, who would otherwise not qualify due to the 12-month physical presence requirement. Please review all of the options available to veterans, active military and their families. Consult the Veteran and Military Resource Center for further assistance.

STUDENT RIGHTS & RESPONSIBILITIES

It is the responsibility of the student to become familiar with all academic and administrative regulations and procedures relating to their course of study at the University of Washington Tacoma.

Student Conduct Code

All students who are enrolled on any of the three University of Washington campuses (Tacoma, Seattle, or Bothell) are held accountable to the Student Conduct Code. The Student Conduct Code outlines both the expectations for behavior and the procedures for handling violations of the conduct code.

Contact Office of Student Conduct & Academic Integrity for additional support.

Academic Misconduct

Admission to the University of Washington carries the expectation that students will conduct themselves as responsible members of the academic community. All students assume responsibility to observe standards of conduct that will contribute to the pursuit of academic goals and to the welfare of the academic community. This responsibility includes practicing high standards of academic and professional honesty and integrity, and complying with the rules, regulations, procedures, policies, standards of conduct, and orders of the university and its schools, colleges, and departments.

Behavioral Misconduct

Students must respect the rights, privileges, and property of other members of the academic community and visitors to the campus, and refrain from any conduct that would interfere with university functions or endanger the health, welfare, or safety of other persons. Students should be familiar with the Student Conduct Code.

Off-Campus Misconduct

The university shall have the authority to hold students accountable under the Student Conduct Code for certain off-campus behavior (i.e., behavior that does not occur on university premises or in the context of a university-sponsored event or activity) that directly affects an University interest, or has continuing adverse effects or may create a hostile environment on University premises or in the context of a University-sponsored program or activity.

Sexual Harassment Complaint Procedure

Title IX and other federal and state laws collectively prohibit discrimination based on sex, sexual orientation, gender, gender expression, pregnant or parenting status, and LGBTQ identity. These laws impose legal requirements and protections that serve as a foundation from which UW has created policies, practices, services, and programs that work in concert to advance equity for students, staff, and faculty of all identities.

Students, staff and faculty members and other users of university services who have a concern or complaint regarding sexual harassment should contact the Title IX Office. The Title IX Office provides options for reporting sexual violence and harassment, and resources and support for victims of sexual violence and harassment.

Computer Use and Software Copyright Policy

All faculty, staff and students are responsible for using university computer resources in an ethical and legal manner. For example, it is not appropriate to share computer accounts or use them for commercial purposes, to send unwanted email, or to distribute copyrighted software, music or images. Those who do not follow the rules could lose their UW computing privileges. For detailed information, see the UW Information Technology website.

Student Privacy Rights & FERPA

Release of Student Directory Information

The Family Educational Rights and Privacy Act of 1974 (FERPA) protects the privacy of student educational records. However, the following information is considered public or directory information and may be released to anyone unless the student requests otherwise: name, street address, email address, telephone number, date of birth, dates of attendance, degrees and awards received, major and minor field(s) of studies, class, participation in officially recognized activities and sports, most recent previous educational agency or institution attended by the student, and for students who are members of intercollegiate athletic teams, weight and height.

If a student chooses not to authorize release of directory information, they can restrict this information using MyUW. Except under provisions of the USA Patriot Act of 2001 or a lawfully-issued subpoena, no information will be released on students who have restricted release of directory information, including degrees awarded and dates of attendance.

Currently enrolled students may submit a one-time request for their own education records to be provisioned to themselves. The one-time records request is submitted to the Office of the Registrar.

Complete details regarding FERPA and students' rights concerning educational records are available from the Office of the Registrar.

Student Education Records

As a general rule, the University will not release a student's education records to a third party without the written consent of the student. This includes tuition account information. The complete university policy on student education records and the location of such records may be found in the Washington Administrative Code under WAC 478-140-024.

TRANSCRIPTS

Official Transcripts

A transcript is the official record of a student's academic history at the University of Washington, including declared major(s) and minor(s), courses taken, grades received, grade-point average, and degrees awarded. Official transcripts are printed on special paper, and certified and issued directly by the University through use of Parchment. Official transcripts may be needed for most scholarships, academic institution applications, and employment verification.

Ordering Official Transcripts

Contact the Office of the Registrar at UW Tacoma, or visit the Ordering Transcripts webpage for more information.

Ordering Transcripts

Unofficial Transcripts

Unofficial transcripts are not certified by the University. They are intended to provide a student with their academic standing for informational and planning purposes. Students can print out an unofficial University of Washington Tacoma transcript online at MyUW.

UNIVERSITY RECORDS RETENTION

Disposition of Records

The Office of the Registrar maintains the academic records for all enrolled undergraduate students as well as registration transactions for graduate students at the University of Washington Tacoma in electronic format based on the University of Washington's Records Retention Schedule. Student records are maintained for up to 9 years after the beginning of the fall quarter of the admission year. Once the retention period has ended, the record is set for disposal.

ACADEMIC CALENDAR

Dates in this calendar are subject to change without notice.

2026-27 Academic Calendar Summary

	Autumn 2026	Winter 2027	Spring 2027	Summer 2027 Full Term	Summer 2027 A Term	Summer 2027 B Term
Instruction Begins WAC 478-132-030	Sept 30, 2026	Jan 4, 2027	Mar 29, 2027	June 21, 2027	June 21, 2027	July 22, 2027
Last Day of Instruction	Dec 11, 2026	Mar 12, 2027	June 4, 2027	Aug 20, 2027	July 21, 2027	Aug 20, 2027
Final Examination Week	Dec 12 - 18, 2026	Mar 13 - 19, 2027	June 5 - 11, 2027	Typically the last day of class		
Grades available on MyUW	Dec 23, 2026	Mar 24, 2027	June 16, 2027	Aug 25, 2027		
Quarter Breaks	Winter Break Dec 19, 2026 – Jan 3, 2027	Spring Break Mar 20 - 28, 2027	Summer Break June 12 - 20, 2027	Autumn Break Aug 21 - Sept 28, 2027		
Commencement	—	—	June 11, 2027	—	—	—

University Holidays

Classes are not in session on the following holidays. All offices and most University buildings are also closed.

Early Fall Start 2026	Autumn 2026	Winter 2027	Spring 2027	Summer 2027 Full Term	Summer 2027 A Term	Summer 2027 B Term
Labor Day Sept 7, 2026	**Veterans Day** Nov 11, 2026	**New Year's Day** Jan 1, 2027	**Memorial Day** May 31, 2027	**Juneteenth** June 18, 2027 (Observed)		
	Thanksgiving Nov 26, 2026	**Martin Luther King Jr. Day**		**Independence Day** July 5, 2027 (Observed)		

Early Fall Start 2026	Autumn 2026	Winter 2027	Spring 2027	Summer 2027 Full Term	Summer 2027 A Term	Summer 2027 B Term
		Jan 18, 2027				
	Native American Heritage Day Nov 27, 2026	**Presidents' Day** Feb 56, 2027				
	Christmas Day Dec 25, 2026					

Registration Deadlines

	Autumn 2026	Winter 2027	Spring 2027	Summer 2027 Full Term	Summer 2027 A Term	Summer 2027 B Term
Registration Period 1	May 7 - June 21, 2026	Nov 5 - 22, 2026	Feb 11 – 28, 2027	Apr 15 - May 19, 2027		
Registration Period 2	June 22 - Sep 29, 2026	Nov 23, 2026 - Jan 3, 2027	Mar 1 - 28, 2027	May 20 - June 20, 2027		
Late Registration Fee begins ($25 fee) — Late registration fee begins for students who have not yet registered	Sep 30, 2026	Jan 4, 2027	Mar 29, 2027	June 21, 2027		July 22, 2027
Registration Period 3	Sep 30 – Oct 6, 2026	Jan 4 – 10, 2027	Mar 29 – Apr 4, 2027	June 21 - 27, 2027		June 21 - July 28, 2027
Registration for Tuition Exempt Program - UW Faculty/Staff	Oct 2, 2026	Jan 6, 2027	Mar 31, 2027	June 23, 2027		
Registration for UW Access Program	Oct 2 - 15, 2026	Jan 6 – 21, 2027	Mar 31 - Apr 15, 2027	June 23 - July 8, 2027		
Registration for Tuition	Oct 3, 2026	Jan 7, 2027	Apr 1, 2027	June 24, 2027		

	Autumn 2026	Winter 2027	Spring 2027	Summer 2027 Full Term	Summer 2027 A Term	Summer 2027 B Term
Exempt Program - Washington State Employees						
Last day to apply to graduate this quarter (undergraduate students only)	Oct 16, 2026	Jan 22, 2027	Apr 16, 2027	July 9, 2027		
Late Registration fee begins ($75 fee) — Late registration fee increases for students who have not yet registered	Oct 14, 2026	Jan 18, 2027 **(Holiday)**	Apr 12, 2027	July 5, 2027 **(Observed Holiday**)		Aug 5, 2027

Adding/Dropping Courses or Complete Withdrawal

	Autumn 2026	Winter 2027	Spring 2027	Summer 2027 Full Term	Summer 2027 A Term	Summer 2027 B Term
Last day to add, drop or change a course at the Office of the Registrar without being assessed a $20 fee and possible tuition forfeiture.	Oct 6, 2026	Jan 10, 2027	Apr 4, 2027	June 27, 2027		July 28, 2027
Last day to withdraw without owing tuition or fees	Oct 6, 2026	Jan 10, 2027	Apr 4, 2027	June 27, 2027		July 28, 2027
Unrestricted drop period — $20 fee and tuition forfeiture period begins. Courses dropped will not be reflected on the transcript.	Oct 7 - 13, 2026	Jan 11 - 17, 2027	Apr 5 - 11, 2027	June 28 – July 4, 2027 **(Holiday)**	—	—
Late Add Period begins -	Oct 7, 2026	Jan 11, 2027	Apr 5, 2027	June 28, 2027	June 28, 2027	June 28, 2027

	Autumn 2026	Winter 2027	Spring 2027	Summer 2027 Full Term	Summer 2027 A Term	Summer 2027 B Term
- course enrollment request/entry code from academic departments required to add courses. $20 change of registration fee applies*						*$20 fee applies after first week of B-Term
Last day to change to or from audit grade option. A $20 Fee may be charged	Oct 13, 2026	Jan 17, 2027	Apr 11, 2027	July 4, 2027 **(Holiday)**	June 27, 2027	July 28, 2027
Late Course Drop Period -- Use of Current Quarter Drop required and a $20 fee is assessed	Oct 14 - Dec 11, 2026	Jan 18 - Mar 12, 2027	Apr 12 – June 4, 2027	July 6 - Aug 12, 2027	June 28 - July 14, 2027	July 29 - Aug 13, 2027
Last day to add a course through MyUW	Oct 20, 2026	Jan 24, 2027	Apr 18, 2027	July 11, 2027	June 27, 2027	July 28, 2027
Last day to change to or from S/NS grade option ($20 fee)	Dec 18, 2026	Mar 19, 2027	June 11, 2027	Aug 20, 2027	July 21, 2027	Aug 20, 2027
Last day to change to variable credits	Dec 11, 2026	Mar 12, 2027	June 4, 2027	Aug 13, 2027	July 14, 2027	Aug 13, 2027
Last day for graduate students to pay On-Leave status fee	Dec 11, 2026	Mar 12, 2027	June 4, 2027	—	—	—
Last day to withdraw (dropping all classes)	Dec 11, 2026	Mar 12, 2027	June 4, 2027	Aug 13, 2027	July 14, 2027	Aug 13, 2027

Tuition/Fee Assessment Deadlines

	Autumn 2026	Winter 2027	Spring 2027	Summer 2027 Full Term	Summer 2027 A Term	Summer 2027 B Term
Tuition exemption forms due at Office of the Registrar	Sep 16, 2026	Dec 21, 2026	Mar 15, 2027	June 7, 2027		
First day tuition & fee balance is	Sep 17, 2026	Dec 30, 2026	Mar 25, 2027	June 17, 2027		

	Autumn 2026	Winter 2027	Spring 2027	Summer 2027 Full Term	Summer 2027 A Term	Summer 2027 B Term
available on MyUW						
Last day to enroll in the Tuition Installment Plan	Oct 2, 2026	Jan 8, 2027	Apr 2, 2027	June 25, 2027		
One-half tuition due if withdrawing for the quarter during this period	Oct 7 - 29, 2026	Jan 11 - Feb 2, 2027	Apr 5 - 27, 2027	June 28 - July 11, 2027		July 29 - Aug 11, 2027
Tuition payment deadline for all registered students	Oct 16, 2026	Jan 22, 2027	Apr 16, 2027	July 9, 2027		
Late Payment Period begins (requires a Late-payment fee)	Oct 19, 2026	Jan 25, 2027	Apr 19, 2027	July 12, 2027		
Full tuition due if withdrawing for the quarter on or after this date	Oct 30, 2026	Feb 3, 2027	Apr 28, 2027	July 12, 2027		Aug 12, 2027

UPASS Activation Dates/Payment Due Dates

	Autumn 2026	Winter 2027	Spring 2027	Summer 2027 Full Term	Summer 2027 A Term	Summer 2027 B Term
Deadline to register for classes to ensure advance UPASS activation	Sept 20, 2026	Dec 24, 2026	Mar 19, 2027	June 11, 2027		
Advance UPASS activation for students registered by deadline	Sept 22, 2026	Dec 27, 2026	Mar 21, 2027	June 13, 2027		

	Autumn 2026	Winter 2027	Spring 2027	Summer 2027 Full Term	Summer 2027 A Term	Summer 2027 B Term
UPASS activation for students registered after deadline	2 days after registration					
Deadline to pay UPASS fee through Student Fiscal Services	Oct 16, 2026	Jan 22, 2027	Apr 16, 2027	July 9, 2027		
Last day to register for upcoming quarter to keep continuous service	Dec 24, 2026	Mar 19, 2027	June 11, 2027	Sep 19, 2027		
UPASS deactivation for students not registered for upcoming quarter	Dec 26, 2026	Mar 20, 2027	June 12, 2027	Sep 20, 2027		

Grade Deadlines

	Autumn 2026	Winter 2027	Spring 2027	Summer 2027 Full-term	Summer 2027 A-term	Summer 2027 B-term
RD grade for dropped courses begins	Oct 14, 2026	Jan 18, 2027 **(Holiday)**	Apr 12, 2027	Jul 5, 2027 **(Observed Holiday)**	Jun 28, 2027	Jul 29, 2027
Last day to change to or from S/NS grade option ($20 Fee)	Dec 18, 2026	Mar 19, 2027	Jun 11, 2027	Aug 20, 2027	Jul 21, 2027	Aug 20, 2027
Grades due from faculty at 5:00 pm via GradeBook/GradePage	Dec 22, 2026	Mar 23, 2027	Jun 15, 2027	Aug 24, 2027		
First day grades are posted to transcript and GPAs are available on MyUW	Dec 23, 2026	Mar 24, 2027	Jun 16, 2027	Aug 25, 2027		

	Autumn 2026	Winter 2027	Spring 2027	Summer 2027 Full-term	Summer 2027 A-term	Summer 2027 B-term
Cancellation for low academic standing for the next quarter	Dec 28, 2026	Mar 26, 2027	Jun 17, 2027	Sep 10, 2027		

*Autumn registration for students dropped Spring 2027 will be canceled on the last day of Summer Quarter.

Religious Accommodations Deadlines

	Autumn 2026	Winter 2027	Spring 2027	Summer 2027 Full Term	Summer 2027 A Term	Summer 2027 B Term
Religious Accommodations request period	Aug 24 - Oct 9, 2026	Dec 21, 2026 - Jan 15, 2027	Mar 22 - Apr 9, 2027	June 14 – July 2, 2027		June 14 – July 30, 2027

Holidays and Observances

For Washington's holiday and observance calendar, please review the Washington State Council of Presidents Holiday and Observance Calendar.

DEGREE PROGRAMS

The following are the official program descriptions for the University of Washington Tacoma's degree programs. Most academic departments and colleges maintain their own websites with additional information.

All announcements in the General Catalog are subject to change without notice and do not constitute an agreement between the University of Washington Tacoma and the student. Students should assume the responsibility of consulting the appropriate academic unit or advisor for more current or specific information.

For UW Tacoma course descriptions, click here.

Schools and Programs

- Institute for Innovation and Global Engagement
- Milgard School of Business
- Office of Undergraduate Education
- School of Education
- School of Engineering & Technology
- School of Interdisciplinary Arts & Sciences
- School of Nursing & Healthcare Leadership
- School of Social Work & Criminal Justice
- School of Urban Studies

Graduate Programs

Doctor of Education (Educational Leadership) (EdD)
Doctor of Philosophy (Computer Science & Systems) (PhD)
Education Specialist (School Psychology) (EdS)
Graduate Certificate in Software Development Engineering
Master of Arts in Community Planning (MACP)
Master of Business Administration (MBA)
Master of Cybersecurity and Leadership (MCL)
Master of Education (MEd)
Master of Nursing (MN)

- ADN/BSN/MN *(visit SNHCL website for details)*

Master of Science in Accounting (MSAcc)
Master of Science in Business Analytics (MSBA)
Master of Science in Computer Science and Systems (MSCSS)
Master of Science in Electrical and Computer Engineering (MSECE)
Master of Science in Environmental Science *(coming soon)* – effective autumn 2027
Master of Science in Information Technology
Master of Social Work (MSW)

Undergraduate Majors & Options

Bachelor of Arts (BA) degree with a major in

- Arts, Media and Culture
    - Comparative Arts**
    - Film & Media**
    - Literature**
    - Visual & Performing Arts**
    - American Cultures**
- Communication
- Computer Science and Systems
- Criminal Justice (on-campus or online)
- Economics and Policy Analysis
- Education
- Environmental Sustainability
    - Business/Nonprofit Environmental Sustainability*
    - Environmental Communication*
    - Environmental Education*
    - Environmental Policy and Law*
- Ethnic, Gender and Labor Studies
    - Ethnic*
    - Gender*
    - Labor*
- Healthcare Leadership
- History
    - Arts, Culture and Society*
    - Global History*
    - Labor and Social Movements*
    - Power, Gender and Identity*
- Interdisciplinary Arts and Sciences
    - Global Studies**
- Interdisciplinary Arts and Sciences: Individually-designed
- Law and Policy
- Politics, Philosophy and Economics
    - Economics*
    - International Studies*
    - Politics and Philosophy*
- Psychology
- Social Welfare
- Spanish Language and Cultures
- Statistics and Data Sciences - course work approved for autumn 2026 and major declaration begins autumn 2027
- Sustainable Urban Development
    - Sustainable Urban Development: Community Engagement
    - Sustainable Urban Development: Geographic Information Systems
- Urban Design

- Urban Studies
    - Urban Studies: Community Engagement
    - Urban Studies: Geographic Information Systems
- Writing Studies
    - Creative Writing**
    - Technical Communication**
    - Rhetoric, Writing, and Social Change**

Bachelor of Arts in Business Administration (BABA)

- Accounting*
- Finance*
- Management*
- Marketing*

Bachelor of Science (BS) degree with a major in

- Biomedical Sciences
- Civil Engineering
- Computer Engineering
- Computer Science and Systems
- Electrical Engineering
- Environmental Science
    - Conservation Biology and Ecology*
    - Geosciences*
- Information Technology
    - Information Assurance and Cybersecurity*
    - Mobile Digital Forensics*
- Mathematics
- Mechanical Engineering
- Nursing
- Urban Design

**A formal option is a University-approved concentration within a major that appears on a student's transcript. Program information is populated from UW Curriculum Management system.*

***Informal options, tracks, concentrations or pathways do not appear on a student transcript. Program information can be found on school's website.*

Minors

- American Indian Studies
- American Popular Culture Studies
- Applied Computing
- Asian Studies
- Business Administration
- Business Data Analytics

- Criminal Justice
- Ecological Restoration
- Economics
- Education and Community Engagement
- Environmental Studies
- Gender and Sexuality Studies
- Global Engagement
- Health and Society
- History
- Human Rights
- Innovation & Design
- Law and Policy
- Mathematics
- Politics
- Religious Studies
- Social Science Research Methods
- Sociology
- Spanish Language and Cultures
- Sports Enterprise Management
- Sustainability
- Sustainable Urban Development
- Teaching, Learning and Justice
- Technical Communication
- Urban Studies

Certificate Programs

- Geographic Information Systems (GIS)
- Global Honors Certificate Pathways
- Restoration Ecology

Endorsements

- Endorsement Offerings for Practicing Educators

Office of Undergraduate Education

The Office of Undergraduate Education offers undergraduate students the opportunity to discover their intellectual, creative and professional passions by introducing them to many interconnected areas of knowledge. Through the services we offer and/or coordinate such as freshmen core, AI literacy and Husky Success Quest seminars, Undergraduate Majors and Minors Fairs, student testing services our office strives to support all undergraduates as they participate in a comprehensive undergraduate experience.

Contact Information
Phone: (253) 692-4740
Email: oue@uw.edu
OUE Website

Undergraduate Education Initiatives

Core Learning Community

The Core Learning Community introduces first-year students to the excitement and challenges of post-secondary education through a series of theme-based courses organized around the Core "Areas of Inquiry."

Throughout their Core experience, students will work collaboratively with their peers and UW Tacoma faculty while gaining familiarity with the skills required to succeed across the curriculum. In pursuit of this goal, all Core courses are designed to cultivate and refine our campus-wide learning goals, which include communication and self-expression; civic engagement; critical inquiry; global understanding; cultural competence; and problem solving.

Undergraduate Major & Minors Fair

At the event, students will have the opportunity to discover majors, minors, and certificates available in each program, explore areas of interest, and connect with academic advisors and faculty from different majors. They can explore our website at https://www.tacoma.uw.edu/ue/majors-and-minors-exploration-uw-tacoma

Undergraduate Student Showcase

Each quarter, OUE sponsors a student showcase that provides undergraduate students with an opportunity to present their quarterly projects to the UW Tacoma campus community. It also provides an open forum for students to discuss their work and connect with faculty and peers from across the curriculum.

Testing

The Office of Undergraduate Education provides Math placement, Spanish placement and Proficiency testing and makeup tests for individual students upon faculty requests.

Undergraduate Education Academic Council

The Undergraduate Education Academic Council (UEAC) oversees curriculum issues pertaining to undergraduate education and plays an important role in elevating the profile and quality of the undergraduate academic experience at UW Tacoma.

Learning Community

Core courses are designed to prepare first-year students for success both in college and beyond. The challenges we face today are complex, and they require educated citizens capable of understanding issues from multiple perspectives. Consequently, many Core courses adopt an interdisciplinary approach to their particular field of study.

In their first year, Core students meet many of their general education graduation requirements in classes with a student-to-faculty ratio of 25 to 1. Discussion, lectures, reading, writing, and project assignments are designed to broaden students' perspectives--not only about what they are studying, but also about how what they are learning resonates within the world in which they live.

Having sampled the scope of UW Tacoma's curricular offerings through their Core experience, first-year students are better prepared to select courses each quarter from a range of electives that will allow them to explore and prepare for potential majors.

Learning Objectives

While the faculty that teach Core curriculum courses come from a variety of academic programs on campus, they teach to a common set of student learning objectives with a developmental approach that emphasizes the foundational skills necessary to succeed in college courses. Faculty collaborate in the Core Learning Community to design and teach classes that build on these objectives while introducing students to academic writing, the sciences, the social sciences, and the humanities.

As the foundation of a student’s academic career at UW Tacoma, Core strives to foster the following learning objectives:

Inquiry and Critical Thinking

- Inquiry and problem solving: collect, evaluate, and analyze information and resources to solve problems or answer questions.
- Research methods & application: approach complex issues by taking a large question and breaking it down into manageable pieces.
- Synthesis & context: make meaningful connections among assignments and readings in order to develop a sense of the ‘big picture.’

Communication/Self-Expression

- Argumentation: formulate an original thesis-driven argument and sustain it in both written and verbal communication.
- Analysis: identify, analyze, and summarize/represent the key elements of a text.
- Disciplinary awareness: enter/place themselves into an existing dialogue (intellectual, political, etc.).
- Expression of ideas: express ideas clearly in writing and speaking in order to synthesize and evaluate information before presenting it.

Global Perspective/Diversity/Civic Engagement

- Disciplinary perspective: understand events and processes as 'disciplinarily' situated.
- Global perspective: interact with concepts, ideas, and processes related to the interdependences between personal, local, and global relationships.
- Diversity: think outside of cultural norms and values, including their own perspectives, to critically engage the larger world.
- Civic engagement: interact with concepts, ideas, and processes related to civic engagement.

Quantitative Literacy

- Use quantitative evidence (including statistics, graphs, etc.) in support of an argument.
- Analyze and evaluate a chart or graph and interpret it (through discussion, a written assignment, etc.).
- Find quantitative data to support an argument.

Sample Course Descriptions

Below are sample course descriptions. Core courses change based on the faculty teaching each quarter. For information on Core courses currently being offered, check our website at https://www.tacoma.uw.edu/ue/first-year-curriculum-courses or the online Time Schedule.

T CORE 101 Introduction to Academic Writing (C)
Title: Mapping the Academic Dis(Course)
Description: This course will discuss how academic writing is a conversation, or discourse, that students can navigate throughout their college career. The individual composition classroom is just one contact zone within the discipline of academic writing, and it is a valuable site for conversations that produce knowledge that benefits students and their own communities by linking them to discourses of power, institutions, and ideologies beyond themselves. Though the current trends of composition move with the ebbs and flows of ideologies and the increasing demands of higher education and society, these mappings of shared goals and expectations are interconnected spaces that are sites of sharing and exchange. Students can extend towards different rhetorical situations, connecting spaces and allowing communication among them. From a centered position, those within this sea of contact zones can affirm their place, communicate their position, and remap composition (dis)course.

T CORE 102 Introduction to Science (NSc)
Title: 50 Shades of Green: Exploring the diverse ecosystems and natural resources of Washington state
Description: This class serves as an introduction to the natural history of Washington state. Each week we will explore a new ecosystem found in Washington, from mountains to sea. We will learn about the climate, geology, ecology and wildlife that make each of these ecosystems unique. This class will use scientific inquiry-based activities in the field to help us observe and explain patterns found in nature.

T CORE 103 Introduction to Social Sciences (SSc)
Title: Food Justice: Human Rights, Food systems, and Food Banks
Description: Explores food insecurity, food sovereignty distribution of resources, and human rights. Examines the root causes of food insecurity such as poverty, food systems, racial and social inequity. Investigates best practices of food banks, urban farming and examples of food sovereignty and advocacy in different communities

T CORE 104 Introduction to Humanities (A&H)
Title: AI Know What You Did Last Summer: Finding Your Way (and Your Career) in the Panopticon
Description: AI can't taste pancakes, it can't walk in the snow, and it doesn't know what it's like to be cuddled by a cat. But it does *imitate* life... really well. So well that it has completely changed how we work, learn, make (and keep) our close relationships, apply for jobs, and think. This broad course introduces you to the ways that philosophers, anthropologists, sociologists, economists, and other folks are grappling with AI's growing role in our lived experiences. What can it actually do that is good for us? Bad for us? Who benefits, and who's left behind? What does it mean for your future career, your privacy, and your sense of what's real? Through readings, discussions, and exploration through weekly personalized “AI labs,” you are invited to develop the critical thinking tools to navigate a world where the machines are watching, the algorithms are working, and our biggest questions (about our future) are on the horizon.

Institute for Innovation and Global Engagement

The Institute for Innovation & Global Engagement (IIGE) promotes a globally engaged university through collaborations and partnerships that connect the classroom to the world. It advances the University of Washington's imperative to be boundless, and adds momentum to UW Tacoma's strategic goal to advance global learning. The IIGE offers three transcripted pathways for students: Global Honors, the Minor in Global Engagement and the Minor in Innovation and Design. The IIGE Signature focuses on: global framework, solutions orientation, inclusive innovation and community engagement.

Institute for Innovation & Global Engagement
Contact Information
Phone: (253) 692-4785
Email: iige@uw.edu
IIGE Website

Undergraduate programs

Minor: Global Engagement

- Minor in Global Engagement

Minor: Innovation and Design

- Minor in Innovation and Design

Certificate program

Global Honors Certificate Pathways

Milgard School of Business

Business Administration

325 Milgard Hall
253-692-5630
Website
Faculty Website
business@uw.edu

Milgard School of Business cultivates business leaders through cutting edge and personally accessible education, diverse scholarly exploration, and innovative community engagement while promoting social responsibility. We inspire students to become lifelong learners.

- Undergraduate Programs
  - Program of Study: Major: Business Administration
    - Bachelor of Arts in Business Administration degree
    - Bachelor of Arts in Business Administration degree: Accounting
    - Bachelor of Arts in Business Administration degree: Finance
    - Bachelor of Arts in Business Administration degree: Management
    - Bachelor of Arts in Business Administration degree: Marketing
  - Program of Study: Minor: Business Administration
    - Minor in Business Administration
  - Program of Study: Minor: Business Data Analytics
    - Minor in Business Data Analytics
  - Program of Study: Minor: Sports Enterprise Management
    - Minor in Sports Enterprise Management
- Graduate Programs
  - Program of Study: Master Of Business Administration
    - Master Of Business Administration
  - Program of Study: Master Of Science In Accounting
    - Master Of Science In Accounting (18-month) (fee-based)
    - Master Of Science In Accounting (9-month) (fee-based)
  - Program of Study: Master Of Science In Business Analytics
    - Master Of Science In Business Analytics

⊖ Undergraduate Programs

Business Administration

325 Milgard Hall
253-692-5630
business@uw.edu

⊖ Program of Study: Major: Business Administration

Program Overview

The Bachelor of Arts in Business Administration program is designed to prepare students for entry into professional positions in business and government. The curriculum, which leads to a Bachelor of Arts in Business Administration, emphasizes critical learning

outcomes needed by students to succeed in the business environment of the 21st century. Students will learn and apply the specific skills associated with each learning outcome in the core courses, refine and practice those learning outcomes in their study option, and use and demonstrate the outcomes in additional course work as they develop skills for their professional careers.

This program of study leads to the following credentials:

- Bachelor of Arts in Business Administration degree
- Bachelor of Arts in Business Administration degree: Accounting
- Bachelor of Arts in Business Administration degree: Finance
- Bachelor of Arts in Business Administration degree: Management
- Bachelor of Arts in Business Administration degree: Marketing

Admission Requirements

Direct Admission

- The Milgard School of Business enrolls a limited number of students each year directly out of high school. Freshmen applicants to the University who indicate Business Administration as their intended major are automatically considered. Admission is offered to students with competitive academic records. Involvement in high school leadership, activities, and community service are also considered.
- Students who are offered Direct Admission to the Milgard School of Business will be notified starting in February each year. Students must confirm acceptance to the Direct Admission program.

Admission Requirements

- Current University of Washington Tacoma students must complete an online application to be considered for admission to the Milgard School of Business in their junior year.
- Transfer students follow a two-step process for admission to Milgard. Transfer students must apply to the University of Washington Tacoma and complete the online application for the Milgard School of Business.
- High school seniors can apply directly to the Milgard School of Business through the University of Washington Tacoma application by selecting any of the five Business options.

Academic Performance and Prerequisites

- Applicants must meet the following requirements in order to be eligible for admission:
    - A cumulative GPA of at least a 2.75 in all college coursework.
    - A cumulative GPA of at least a 2.75 in business prerequisites:
        - Financial Accounting I
        - Financial Accounting II
        - Managerial Accounting
        - Business Law
        - Microeconomics
        - Macroeconomics
        - Statistics
- Prerequisite course work must be completed prior to the start of the quarter of admission. Of the 7 required prerequisite courses, Financial Accounting I, Microeconomics or Macroeconomics, and 2 other prerequisites must be completed at the time of application.

- Applicants must also complete 5 credits of English composition with minimum acceptable grade of 2.0 to meet eligibility requirements.
- Business prerequisites may not be taken P/F or S/NS; the minimum acceptable grade in Business prerequisites is 2.0.
- Completion of a minimum of 60 college-level credits. A maximum of 105 college-level transferable credits may be applied to the degree.
- The Milgard School of Business admits students for autumn and winter quarters.

Admission Process

- Applicants are considered in two admission groups: Direct Admission and Standard Admission. The following requirements apply to the Standard Admission Group:
  - Applications for admission into the Business School are complete when the following have been received:
    - UW Tacoma undergraduate application and application fee
    - Business School application and personal statement
    - Transcripts from all previous institutions
- Business School Application and Personal Statement
  - In addition to completing a Business School application, a written personal statement is required from all applicants. Both are used by the Milgard School Admissions Committee to assess applicants. When writing the personal statement, applicants should refer to the current Milgard School application for specific instructions. Additional application information can be found online at www.tacoma.uw.edu/business/baba.

Selection Criteria

- Admission is competitive, and candidates will be evaluated on the following criteria:
  - Completion of all Business prerequisite courses
  - Previous academic performance (cumulative and business GPA)
  - Likelihood of success in the degree program
  - Demonstration of the relationship between academic opportunities and the candidate's professional career goals
- Admission decisions are made by the Business School Admissions Committee.

⊖ Bachelor of Arts in Business Administration degree

Credential Overview

Want to get a degree in business, but have flexibility to mix and match courses from a variety of business disciplines? The General Business option is for you! Combining courses from management, marketing, economics, finance, and business data analytics you have flexibility in course selection allowing you to customize your skill set. The General Business option is designed for the student interested in a broad perspective that draws from multiple disciplines.

Completion Requirements

To qualify for graduation with a Bachelor of Arts in Business Administration from the University of Washington Tacoma, a student must:

- Be a matriculated Business student in good academic standing with UW Tacoma and the Milgard School of Business.
- Satisfy all of the prerequisites for entrance into Milgard School of Business.

- Complete 5 credits of Psychology, Sociology, or Anthropology.
- Complete T BUS 300 and T BUS 400 in residence at UW Tacoma.
- Maintain a minimum cumulative 2.0 grade point average and a minimum cumulative 2.0 grade point average in all Business courses.
- Apply for graduation with an advisor by the application deadline posted by the Business School for the expected date of graduation, and prior to registration for the Business capstone.
- Complete all required and elective courses in a selected degree option.
    - Business Core Course Requirements (35 credits)
        - T BUS 300
        - T BUS 301
        - T BUS 310
        - T BUS 320
        - T BUS 330 (T ACCT 330 for accounting option)
        - T BUS 350
        - 5-credit capstone course: T BUS 400
    - Additional requirements specified below.

Additional Completion Requirements

Option specific-requirements

- 30 credits of core courses
- 30 credits of upper-division Business courses
    - 300/400 level TBGEN courses, T BUS 468 and 469 do not apply
- 5-credit capstone course: T BUS 400

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⊖ Bachelor of Arts in Business Administration degree: Accounting

Credential Overview

Accounting focuses on recording and reporting financial transactions and students in this option develop the financial and quantitative skills necessary to succeed in today's fast-paced business environment. Specific areas covered within the MSB accounting option include: recording and reporting of financial data under generally accepted accounting principles (GAAP), understanding tax law and its effect on business decisions, auditing financial statements using GAAP, the importance of accounting information systems, understanding the composition of consolidated financial statements, gathering and using cost data for planning and control decisions. Elective courses provide extensive studies in corporate and non-profit accounting, forensic accounting, and taxation.

Completion Requirements

To qualify for graduation with a Bachelor of Arts in Business Administration from the University of Washington Tacoma, a student must:

- Be a matriculated Business student in good academic standing with UW Tacoma and the Milgard School of Business.

- Satisfy all of the prerequisites for entrance into Milgard School of Business.
- Complete 5 credits of Psychology, Sociology, or Anthropology.
- Complete T BUS 300 and T BUS 400 in residence at UW Tacoma.
- Maintain a minimum cumulative 2.0 grade point average and a minimum cumulative 2.0 grade point average in all Business courses.
- Apply for graduation with an advisor by the application deadline posted by the Business School for the expected date of graduation, and prior to registration for the Business capstone.
- Complete all required and elective courses in a selected degree option.
    - Business Core Course Requirements (35 credits)
        - T BUS 300
        - T BUS 301
        - T BUS 310
        - T BUS 320
        - T BUS 330 (T ACCT 330 for accounting option)
        - T BUS 350
        - 5-credit capstone course: T BUS 400
    - Additional requirements specified below.

Additional Completion Requirements

Option-specific requirements

- 30 credits of core courses to include T ACCT 330
- 35 credits of Accounting courses to include: T ACCT 301, T ACCT 302, T ACCT 303, T ACCT 311, T ACCT 411, T ACCT 451
- T ACCT elective (5 credits)
- 5-credit capstone course: T BUS 400

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⊖ Bachelor of Arts in Business Administration degree: Finance

Credential Overview

Finance – the indispensable discipline for the future. It is impossible to participate in any discussion of financial trends for the next few decades without becoming aware of the low accumulated savings of the average individual, of the depletion of the Social Security Trust Fund, of an aging population, and other factors that will affect all of us in some way. An understanding of finance and how it, together with time, can be made to work for you and your employer is the major goal of the finance option. Whether you are managing your own money or other peoples, whether you are running your own business or involved with the financial affairs of a corporation, whether you work at a bank or the loan department of a car dealership, a comprehensive understanding of finance together with the ability to apply it in your decision making is critical to your future wellbeing. After taking basic and elective courses in finance you will be able to apply the concept of the time value of money in all your financial decisions; understand interest rates and how they affect financial decision making; value financial securities like bonds and stocks; understand risk and its relationship with return; estimate and compute returns; learn about derivative securities and their various uses; learn about the goal of a corporation and how it uses financial tools to achieve that goal; learn about portfolio management; use your knowledge of finance to

secure your own financial future.

Completion Requirements

To qualify for graduation with a Bachelor of Arts in Business Administration from the University of Washington Tacoma, a student must:

- Be a matriculated Business student in good academic standing with UW Tacoma and the Milgard School of Business.
- Satisfy all of the prerequisites for entrance into Milgard School of Business.
- Complete 5 credits of Psychology, Sociology, or Anthropology.
- Complete T BUS 300 and T BUS 400 in residence at UW Tacoma.
- Maintain a minimum cumulative 2.0 grade point average and a minimum cumulative 2.0 grade point average in all Business courses.
- Apply for graduation with an advisor by the application deadline posted by the Business School for the expected date of graduation, and prior to registration for the Business capstone.
- Complete all required and elective courses in a selected degree option.
    - Business Core Course Requirements (35 credits)
        - T BUS 300
        - T BUS 301
        - T BUS 310
        - T BUS 320
        - T BUS 330 (T ACCT 330 for accounting option)
        - T BUS 350
        - 5-credit capstone course: T BUS 400
    - Additional requirements specified below.

Additional Completion Requirements

Option-specific requirements

- 30 credits of core courses
- 30 credits of Finance courses chosen from the T FIN and TBECON course offerings
- 5-credit capstone course: T BUS 400

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⊖ Bachelor of Arts in Business Administration degree: Management

Credential Overview

The management option is designed to prepare students to meet today's managerial challenges effectively. Students learn how to build and work in effective teams, solve complex problems considering ethical and sociocultural implications, bolster their critical thinking skills, communicate effectively with diverse others, manage conflict, navigate difficult conversations, and effectively use human resource management tools such as recruiting, hiring, performance appraisal, and reward systems.

Completion Requirements

To qualify for graduation with a Bachelor of Arts in Business Administration from the University of Washington Tacoma, a student must:

- Be a matriculated Business student in good academic standing with UW Tacoma and the Milgard School of Business.
- Satisfy all of the prerequisites for entrance into Milgard School of Business.
- Complete 5 credits of Psychology, Sociology, or Anthropology.
- Complete T BUS 300 and T BUS 400 in residence at UW Tacoma.
- Maintain a minimum cumulative 2.0 grade point average and a minimum cumulative 2.0 grade point average in all Business courses.
- Apply for graduation with an advisor by the application deadline posted by the Business School for the expected date of graduation, and prior to registration for the Business capstone.
- Complete all required and elective courses in a selected degree option.
    - Business Core Course Requirements (35 credits)
        - T BUS 300
        - T BUS 301
        - T BUS 310
        - T BUS 320
        - T BUS 330 (T ACCT 330 for accounting option)
        - T BUS 350
        - 5-credit capstone course: T BUS 400
    - Additional requirements specified below.

Additional Completion Requirements

Option-specific requirements

- 30 credits of core courses
- 30 credits of Management courses
- 5-credit capstone course: T BUS 400

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⊖ Bachelor of Arts in Business Administration degree: Marketing

Credential Overview

Marketing is about fulfilling customer needs. The Marketing option examines the dynamic world of consumer and organizational buyer behavior, and the impact of economic, technological, legal, and social changes on buyer behavior. The courses in the marketing option cover topics such as consumer behavior, channels of distribution, marketing research, marketing strategy, advertising, product development, promotion, services marketing, business-to-business marketing, and sales administration. The option prepares students for responsibilities in domestic business firms, including private and publicly held firms, as well as governmental agencies, international and multinational organizations. Marketing careers may involve specializations such as product

or brand management, advertising, wholesaling, marketing research and sales.

Completion Requirements

To qualify for graduation with a Bachelor of Arts in Business Administration from the University of Washington Tacoma, a student must:

- Be a matriculated Business student in good academic standing with UW Tacoma and the Milgard School of Business.
- Satisfy all of the prerequisites for entrance into Milgard School of Business.
- Complete 5 credits of Psychology, Sociology, or Anthropology.
- Complete T BUS 300 and T BUS 400 in residence at UW Tacoma.
- Maintain a minimum cumulative 2.0 grade point average and a minimum cumulative 2.0 grade point average in all Business courses.
- Apply for graduation with an advisor by the application deadline posted by the Business School for the expected date of graduation, and prior to registration for the Business capstone.
- Complete all required and elective courses in a selected degree option.
    - Business Core Course Requirements (35 credits)
        - T BUS 300
        - T BUS 301
        - T BUS 310
        - T BUS 320
        - T BUS 330 (T ACCT 330 for accounting option)
        - T BUS 350
        - 5-credit capstone course: T BUS 400
    - Additional requirements specified below.

Additional Completion Requirements

Option-specific requirements

- 30 credits of core courses
- 30 credits of Marketing courses to include: T MKTG 450, T MKTG 460, T MKTG 475, 15 credits of Marketing electives
- 5-credit capstone course: T BUS 400

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Additional Information

Student Learning Outcomes

- Communication Skills: Students will effectively present ideas orally and in writing, including organizational coherence, stylistic appropriateness, and mechanical correctness.
- Quantitative Analysis: Students will be able to use quantitative reasoning to solve business problems.
- Financial Skills: Students will understand financial theories and methods, including financial reporting, analysis, and markets.

- Strategic Thinking: Students will be able to think critically, diagnose organizational problems, and design effective solutions.
- Ethics and Business in Society: Students will be able to identify ethical standards and evaluate the societal implications of business decisions.
- Global Awareness: Students will be able to understand the global environment of business decisions and identify threats and opportunities.
- Teamwork: Students will be able to analyze the strengths and weaknesses of the team process and provide recommendations. Students will be able to analyze individual performance of team members and provide meaningful feedback.
- Technology: Students will be able to utilize technology to formulate business solutions.

Curriculum

- The Bachelor of Arts in Business Administration curriculum consists of:
    - 30 credits of required core courses
    - 30-35 credits of option courses
    - 5 credit capstone course
    - General electives to reach a total of 180 credits

General Electives

- In addition to the Business course requirements, students may be required to take additional general electives to complete the 180 credits required for the baccalaureate degree. Internship and independent study credits fulfill general elective requirements.

Academic Standards/Policies

- The following standards apply to all students in the Milgard School of Business. These standards may be in addition to other academic standards at the University of Washington Tacoma.
    - Students must complete all upper-division Business courses with a minimum grade of 1.7. Required core and option course(s) with a grade below 1.7 must be repeated.
    - Courses in the Business core and option may not be taken S/NS (satisfactory/not satisfactory).
    - Students may transfer up to a total of three upper-division business courses: a maximum of two approved courses may be applied toward the core requirement, and one toward the option requirement. T BUS 300 and T BUS 400 must be completed in residence.
    - Upper-division Business courses completed at other accredited four-year institutions may not be more than seven years old in order to substitute for a course in the Business Administration major. If a course is more than seven years old, the student will be required to repeat the course at UW Tacoma. Credit will not be awarded twice for an equivalent course. There is no time limit on prerequisite course work.
    - Transfer courses used to satisfy upper-division Business requirements are held to the 1.7 grade standard.

Removal from Program

- Students are notified in writing of academic warning, probation or drop as soon as practicable after receiving the previous quarter's grade reports; each notice of academic warning or probation is noted on the student's transcript.
- Students removed from the Milgard School who wish to re-enter the program must re-apply for admission and/or submit a petition for reinstatement. The Milgard School evaluates the student's file, statement requesting re-admission and any extenuating circumstances, and then recommends action.

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Program of Study: Minor: Business Administration

Program Overview

The minor in Business Administration is designed for undergraduate students in any non-business major to increase their understanding of business theory, practices, and applications within a wider economic and social context. The curriculum is designed to emphasize critical competencies, including strategic thinking, integrated business knowledge, communication and teamwork needed by students with a broad range of interests to succeed in the 21st century.

This program of study leads to the following credential:

- Minor in Business Administration

Minor in Business Administration

Completion Requirements

The Business minor requires 30 credits; a minimum of 20 credits must be completed in residence.

- Students must maintain a cumulative Business GPA of 2.0 in all minor course work and a 2.0 GPA in each course required to earn the minor.
- The minor consists of the following courses:
  - Required Courses (20 credits)
    - T ACCT 210
    - T BECON 220 or TECON 200
    - T BUS 300
    - T BUS 320
  - Elective Courses (10 credits)
    - T BUS 330
    - 300-400 level Management (T MGMT) courses
    - 300-400 level Marketing (TMKTG) courses

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Program of Study: Minor: Business Data Analytics

Program Overview

The Minor in Business Data Analytics prepares students to learn how to make data-driven decision making. Foundational coursework for the minor teaches students in a range of disciplines how to collect, store, interpret and present data after discovering meaningful insights. Curriculum provides a strong foundation in data analysis, interpretation and visualization. The minor in business data analytics would be valuable for students from any major and/or concentration who want to sharpen their critical thinking, cognitive development, problem solving, creativity, data/analytical decision-making and information technology-enablement skills. It also helps students appreciate ethical dimensions of concerns, and provides students the opportunity to integrate these skills into their majors.

This program of study leads to the following credential:

- Minor in Business Data Analytics

Minor in Business Data Analytics

Completion Requirements

Required Courses (15 credits): Business Data Analytics Foundation Courses

- TBANLT 411 (5 credits)
- TBANLT 460 (5 credits)
- TBANLT 485 (5 credits)

Elective Courses (10 credits)

- See website for approved list of courses

No more than 10 credits may be counted towards both the minor in Business Data Analytics and another major or minor.

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Program of Study: Minor: Sports Enterprise Management

Program Overview

The minor in Sports Enterprise Management is designed for undergraduate students in any major to provide a foundational understanding and set of tools necessary to navigate the evolving environment of the business or sports. The minor prepares students to develop critical thinking skills and to analyze the business environment in the sports industry. The curriculum enables students to discover evidence and determine actions to be taken to support the activities of for-profit and not-for-profit sports enterprises.

This program of study leads to the following credential:

- Minor in Sports Enterprise Management

Minor in Sports Enterprise Management

Completion Requirements

Required Courses (15 credits)

- T BGEN 370
- T BGEN 485
- TBANLT 485 (5 credits)

Elective Courses (10 credits)

- See website for approved list of courses

No more than 10 credits may be counted towards both the minor in Sports Enterprise Management and another major or minor

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Graduate Programs

Business Administration

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253-692-5630
business@uw.edu

Program of Study: Master Of Business Administration

Program Overview

The Milgard School of Business operates on a quarter system. The master of business administration (MBA) degree at the Milgard School of Business is a 64-credit graduate degree designed to provide experienced professionals and managers with new tools for responding to the challenges of change. The program encourages managers to develop the integrated base of knowledge and skills needed to lead organizations facing an increasing pace of change. The Milgard School of Business MBA is a comprehensive degree that builds capabilities across the full range of business disciplines. The primary goal of the MBA is to provide current and future managers with the knowledge necessary to succeed in an increasingly dynamic and complex environment. Students develop a strong mix of leadership, financial, analytical, operational, relational, and communication skills. We offer a high-quality program that is immediately relevant to practicing managers.

This program of study leads to the following credential:

- Master Of Business Administration

Admission Requirements

The following are required for admission to the Master of Business Administration program:

- A baccalaureate degree from an accredited institution.
- An overall grade point average of 3.0 calculated from the applicant's final 90 graded quarter credits or 60 graded semester credits.
- Competitive scores from the Graduate Management Admissions Test (GMAT) completed within the last five years. GRE scores are also accepted; contact MBA advisor for details.
- A minimum of two years of managerial/professional work experience.
- Unofficial transcripts from any institution where a degree was obtained to include 90 graded quarter or 60 graded semester credits. Transcripts with post-degree credits may also be submitted. If admitted, an official baccalaureate transcript will be requested by the Graduate School.
- Two essays. Details about the essays are included in the application information.
- A resume
- Two professional recommendations
- Applicants indicating that English is not their native language must meet the English Language Proficiency requirements outlined in the UW Graduate School Memo #8.
- Applicants with transcripts in a language other than English must apply by June 1 for autumn quarter admissions to allow extra time for transcript evaluation. These transcripts must be accompanied by an English translation when submitted.

Admission Processes

- Applicants must simultaneously be admitted to the Milgard School of Business and to the Graduate School of the University of Washington. Application information is available on the MBA website at https://www.tacoma.uw.edu/uwt/business/mba-admissions. Applications must be submitted in time to meet the Milgard School of Business deadline listed on the website, as this supersedes the Graduate School admissions deadline. The MBA program admits students for autumn quarter only.

Please see this program's Graduate Admissions page for current requirements.

⊖ Master Of Business Administration

Completion Requirements

Total credits: 64

1. Foundations coursework (4 credits):
   - T BUS 510
   - T BUS 511
2. Core coursework (48 credits):
   - T ACCT 513
   - T BUS 500

- T BUS 501
- T BUS 503
- T BUS 504
- T BUS 506
- T BUS 507
- T BUS 508
- T BUS 530
- T BUS 570
- T MGMT 512
- T MGMT 516

3. Elective coursework (12 credits): Graduate courses in the Milgard School of Business or other UW Tacoma graduate programs. Course list maintained internally by the program.

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Additional Information

Learning Outcomes

- **Problem Solving:** Graduates will integrate business knowledge, critical thinking, and analysis to create and capture value.
  - PS-1: Demonstrate the ability to identify and analytically evaluate multiple alternatives to arrive at an optimal outcome for all stakeholders.
  - PS-2: Incorporate knowledge from core business functions to craft evidence-informed solutions for complex managerial challenges.
- **Communication & Collaboration:** Graduates will be effective communicators who advance shared understanding in organizational, social, and intercultural contexts.
  - CC-1: Communicate meaningfully, clearly, and strategically, integrating multiple perspectives in advancing business objectives.
  - CC-2: Collaborate empathetically and with self-awareness.
- **Inclusive Leadership:** Graduates will engage stakeholders with respect and cultural humility to achieve organizational objectives and co-create social value.
  - IL-1: Build and sustain high-performing teams while skillfully navigating tension and conflict.
  - IL-2: Use inclusive frameworks to design innovative solutions and assess their impact on the well-being of the organization, its stakeholders, and communities.
- **Systems Thinking:** Graduates will be effective communicators who advance shared understanding in organizational, social, and intercultural contexts.
  - ST: Evaluate system dynamics, including human behaviors, to discover the deep structure of systems and identify key leverage points for change.

Academic Standards/Policies

- The UW Tacoma MBA is designed for working professionals and allows students to continue in their careers while they develop new managerial knowledge and skills. In the average quarter, an MBA student will enroll in two courses (8 credits) of study. Students may complete their degree on a year-round basis in 21 months (including summers) or extend their study to three or more years.
- MBA core courses meet remotely on weeknights plus some in-person Saturdays during the quarter. Summer courses meet weekday evenings and/or Saturday. September courses meet intensively over the course of 2 to 3 weeks, including several weekdays and Saturdays. All courses incorporate online learning components. Online assignments and discussion offer flexibility while keeping students connected to the faculty and their classmates. Courses integrate current conceptual and practical knowledge while building analytical and interpersonal skills. As a result, the curriculum is immediately relevant to practicing managers.

Elective Credits

- A minimum of 12 graded elective credits must be completed to fulfill graduation requirements. At least 8 of these credits must be completed within the Milgard School of Business. For students choosing to take courses other than the rotating MBA summer electives (different each summer) or Autumn Elective options (T MGMT 557 and T BUS 570), a list of approved options is available within the MBA Elective Policy. These options include approved courses from other UW graduate degree programs, independent study T BUS 569 or T BUS 568, MBA Global Study Tours, one 400-level undergraduate course within the Milgard School of Business, or some combination thereof.
- No more than eight credits of independent study--with a maximum of 4 credits of T BUS 569 Analytical Research and a maximum of 5 credits for T BUS 568 Internship—may be applied toward the MBA degree. MBA electives vary from 2-4 credits to allow greater choice and flexibility with scheduling.
- MBA students pursuing the Business Analytics concentration are suggested to complete at least 16 credits of elective from the Milgard MBA business analytics-related electives.
- MBA students pursuing the Healthcare concentration are suggested to complete at least 12 credits of elective from the Milgard MBA healthcare-related electives.

Transfer Credits from Other Institutions

- An admitted MBA student may petition to transfer up to the equivalent of 12 quarter credits of graduate business course work from an AACSB-accredited institution. Graduate credits that have been applied toward a completed degree cannot be transferred.
- Applicants may petition by sending a letter to the graduate program advisor. The petition should identify the courses requested for transfer credit and, for each course, clearly articulate how the course content contributes to the objectives of the UW Tacoma MBA curriculum. Petition requests will not be evaluated until an official transcript is received by the Milgard School of Business.
- Written petitions for transfer credits completed prior to admission to the MBA program must be submitted no later than the first week of the quarter preceding graduation.
- Enrolled UW Tacoma MBA students who take courses at another institution with the intent of transferring the credits should first seek approval from the graduate program advisor. If approved, these students should submit a written petition to transfer credits within one academic quarter of completing the course at another institution (e.g. petitions to transfer summer credits must be received by the end of autumn quarter). Only credits for courses in which a grade of "B" or higher is achieved may be transferred.
- Course work that duplicates the content of required courses in the MBA curriculum will not be accepted for transfer elective credit.
- Petitions are reviewed by the Graduate Committee and a letter is mailed to the address of record indicating how many credits, if any, will transfer. Students who transfer graduate credits from another university may be restricted in the elective courses they may take to complete their elective. Details of such restrictions will be included in the reply letter to the petitioning student. All decisions of the Graduate Committee with respect to transfer credits are final.

Waiver (Substitution of Core Courses)

- An admitted MBA student may petition to waive up to the equivalent of 12 quarter credits of MBA core courses. Waiver requests must be accompanied by official transcripts and other documentation such as course syllabi or proof of professional licensing where applicable. If a waiver is approved, the petitioner may select an available elective course with the same number of credits to replace the waived course. A waiver will not reduce the required credits needed to earn the MBA.
- Waivers may be granted if the graduate committee concludes that a petitioner has demonstrated proficiency in the course material by prior educational training (e.g., undergraduate major or concentration or graduate degree in a specific field or professional licensing). Waivers will only be entertained for graduate coursework completed with a grade of “B” or better or undergraduate coursework completed with a grade of “B Plus” or better. A single undergraduate course does not waive an MBA course (e.g. 1 undergraduate finance course will not waive the MBA Financial Theory course). Students who request waivers may be restricted in the courses they may take to complete their elective. Details of such restrictions will be included in the reply letter to the petitioning student.

Reduction in Credits Required/Complete Waiver

- Students who hold a CPA (Certified Public Accountant), CMA (Certified Management Accountant) or CFA (Chartered Financial Analyst) license/certification qualify to waive out of T BUS 503 Financial Reporting and Analysis thus reducing the total number of credits required to earn their MBA by 4 credits. Students who hold a CFA (Chartered Financial Analyst) credential also qualify to waive out of T BUS 501 Financial Theory thus reducing the total number of credits required to earn their MBA by another 4 credits. The MBA program shall only permit a maximum of 8 credit reduction in credits required for those holding such designations. Student must show proof of active license/designation. These are the only courses eligible for complete waiver.

UW Credits Earned Outside the Tacoma MBA
Students taking electives other than MBA summer or autumn electives may earn credits from approved courses in other University of Washington degree programs. Students must petition to ensure these credits apply toward their degrees. The following restrictions apply:

- At least 8 elective credits must be taken within the Milgard School of Business
- No more than 8 credits earned in other UW graduate programs (numbered 500 and above) can be applied to the MBA degree.
- No more than 5 credits of approved 400-level Tacoma business courses can be applied to the MBA degree.
- 400-level courses from any other undergraduate program cannot be applied toward the MBA degree.

Ungraded Credits (S/NS, C/NC)

- All courses (core and elective) in the Tacoma MBA curriculum must be taken for a grade. No more than 8 credits of elective courses may come from credit/no-credit (C/NC) electives.

Minimum Graduation Requirements for the MBA Degree

- Along with the Graduate School requirements, courses taken to complete the 64 credits required for the MBA degree must receive a passing grade (2.7 or higher or Credit).
- If a student does not pass a required course, the course must be repeated. Another course cannot be substituted for a failed required course. Students are reminded to read and carefully adhere to the university's policies.
- The core curriculum addresses key areas of business knowledge via the core courses, which focus on finance, accounting, marketing, operations, ethics, human behavior, and business strategy. Perspectives on international business are integrated across some of these courses, which culminate in a capstone course that offers a comprehensive systems perspective on organizations. These courses also emphasize quantitative and qualitative tools for predicting, planning and managing change.
- Beyond the core courses, students are required to complete 16 elective credits. The choice of electives will depend on the students' career and educational goals. Students can create a profile of elective courses that allows them to gain additional business knowledge. Elective courses that substituted for summer and autumn elective option may also be taken outside of the Milgard School of Business from other UW Tacoma graduate programs. MBA students have the opportunity to pursue a Business Analytics or Healthcare concentration. Their electives will be respectively in business analytics-related topics (e.g., business analytics, business process and workflow analysis, analytical decision making) or health-related topics (i.e. healthcare economics, healthcare marketing, healthcare analytics) and must be earned in residence. It may be possible for students to craft other custom MBA concentrations; contact the advisor for details.

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⊖ Program of Study: Master Of Science In Accounting

Program Overview

The Milgard School of Business Master of Science in Accounting (STEM) program (MSAcc) offers both a 9-month, 45-quarter credit full-time professional program for those with an accounting undergraduate degree and an 18-month, 80-quarter credit option for those new to accounting. The MSAcc is designed to ensure students are positioned to be leaders in the accounting profession by developing their critical thinking, teamwork, and communication skills, as well as their ability to research complex accounting related issues and

apply findings. The MSAcc's innovative design incorporates the latest analytics, audit, forensic and tax software into its curriculum. The MSAcc Internship empowers our students to obtain practical knowledge and experience in an accounting environment while employing the skills developed in the classroom. The curriculum is widely applicable to accounting careers in the public accounting, corporate, government, and not-for-profit sectors. In addition, the program provides the fifth-year of higher education required for the State of Washington CPA exam.

This program of study leads to the following credentials:

- Master Of Science In Accounting (18-month) (fee-based)
- Master Of Science In Accounting (9-month) (fee-based)

Admission Requirements

This program has separate admissions for each credential. See additional admission requirements below for credential-specific information.

⊖ Master Of Science In Accounting (18-month) (fee-based)

Additional Admission Requirements

Visit this program's graduate admissions page for requirements.

Completion Requirements

45-80 credits, depending on 9 month or 18 month

- Required courses for 9 month and 18 month (32 credits)
  - T ACCT 533
  - T ACCT 541
  - T ACCT 551
  - T ACCT 553
  - T ACCT 554
  - T ACCT 561
  - T ACCT 565
  - T ACCT 566
- Internship (5 credits):T ACCT 601
- Two graduate accounting electives (4 credits each, 8 credits total): Course list maintained internally by the program.
- Additional courses required for 18 month - see additional requirements below

All courses must be completed with a 2.7 or higher and cumulative GPA of 3.0 or higher.

Additional Completion Requirements

- Credential-specific requirements (35 credits)
  - T ACCT 501
  - T ACCT 502
  - T ACCT 503
  - T ACCT 507
  - T ACCT 508
  - T ACCT 511
  - T ACCT 530

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⊖ Master Of Science In Accounting (9-month) (fee-based)

Additional Admission Requirements

Visit this program's graduate admissions page for requirements.

Completion Requirements

45-80 credits, depending on 9 month or 18 month

- Required courses for 9 month and 18 month (32 credits)
  - T ACCT 533
  - T ACCT 541
  - T ACCT 551
  - T ACCT 553
  - T ACCT 554
  - T ACCT 561
  - T ACCT 565
  - T ACCT 566
- Internship (5 credits):T ACCT 601
- Two graduate accounting electives (4 credits each, 8 credits total): Course list maintained internally by the program.
- Additional courses required for 18 month - see additional requirements below

All courses must be completed with a 2.7 or higher and cumulative GPA of 3.0 or higher.

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Additional Information

Vision

The Milgard Master of Science in Accounting (STEM) program (MSAcc) provides current and future accounting professionals with the knowledge necessary to succeed in an increasingly dynamic and complex business environment. Students will gain deeper capabilities in the areas of accounting analytics, financial statement analysis, tax planning and strategy, cost accounting, forensics, auditing, and business law. Coursework in the MSAcc emphasizes the real-world skills needed to generate financial information and utilize it to influence business decisions at a high level.

Educational Objectives

The curriculum develops well-rounded leaders in accounting who:

- Have an enhanced understanding of the accounting profession, the changing technology, and the role of the accounting professional in the business environment
- Can demonstrate and apply strategic planning, critical thinking and analytical skills for decision-making, forecasting and planning
- Have enhanced audit and assurance knowledge and skills, use analytics and audit software and can communicate results effectively
- Can understand organizational structures, tax laws, and use technology and analytics skills to research and solve business problems
- Can articulate the ethical dimensions of accounting and their importance to the financial marketplace
- Have advanced knowledge on issues related to the preparation, analysis, presentation, regulatory requirements and use of financial reports
- Can apply data visualization, analytics techniques, and use technology to gather, transform, and present data for decision making.

- Have the combination of strategic thinking, analytical skills and critical reasoning to plan, monitor, and evaluate financial data.

Academic Standards/Policies

- Enrollment and Classes
  - The MSAcc offers late afternoon and weekday evening courses. Each quarter, students will typically enroll in 10 to 17 credits of study. Part time schedules can also be arranged. See website for details for both the 9-month and 18 month track course plans: https://www.tacoma.uw.edu/uwt/business/master-science-accounting-msacc.
- Ungraded credits (S/NS and C/NC)
  - All core courses and select elective courses in the Tacoma MSAcc curriculum must be taken for a grade. The MSAcc Internship or Independent Study are graded as C/NC.

Minimum Graduation Requirements for the MSAcc Degree

- Along with the Graduate School requirements, courses taken to complete the 45 (9-month track) or 80 (18-month track) credits required for the MSAcc degree must receive a passing grade (2.7 or higher or Credit).
- If a student does not pass a required course, the course must be repeated. Another course cannot be substituted for a failed required course. Students are reminded to read and carefully adhere to the university's policies. Please refer to the Graduate School website for more information regarding graduate degree requirements: https://grad.uw.edu/policies-procedures/graduate-school-memoranda/.

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⊖ Program of Study: Master Of Science In Business Analytics

Program Overview

The STEM designated MSBA program is an accelerated 12-month, full-time, 40 credit professional program. The program consists of 8 four-credit, and 4 two-credit applied project courses. Students will tackle a real-world business analytics project for an opportunity to apply the concepts, principles and methods associated with business intelligence and analytics to solve complex business problems. This is a hybrid 60% online and 40% in-person (on Saturdays) work-compatible program, which allows professionals to earn their MSBA degree while working.

This program of study leads to the following credential:

- Master Of Science In Business Analytics

Admission Requirements

The following are required for admission to the Master of Science in Business Analytics program:

- A baccalaureate degree from a regionally accredited institution.
- An overall grade point average of 3.0 calculated from the applicant's final 90 graded quarter credits or 60 graded semester credits.
- Proficiency in English: Applicants whose native language is not English must demonstrate English language proficiency. See UW Graduate School Memo #8 for details related to English proficiency.
- Unofficial transcripts from any institution where a degree was obtained to include 90 graded quarter or 60 graded semester credits. Transcripts with post-degree credits may also be submitted. If admitted, an official baccalaureate transcript will be requested by the Graduate School.
- A personal statement is required as a part of your online application, and may include a video interview.
- A résumé
- Recorded Video Interview
- Contact information for two references
- Refer to website for details on prerequisite content areas.
- Work experience - Post-baccalaureate professional experience is desirable, but not required.

The following items are optional for admission to the Master of Science in Business Analytics program:

- One professional letters of recommendation
- GMAT/GRE scores. We highly recommend that the following applicants submit a score:
  - International applicants who have not completed an undergraduate or graduate degree in the United States
  - Applicants who have fewer than 2 years of post-baccalaureate professional experience
  - Applicants who have between a 3.0-3.25 GPA, or equivalent, on a 4.0 scale

Admission Process

Applicants must simultaneously be admitted to the Milgard School of Business and to the Graduate School of the University of Washington. Application information is available on the MSBA website. Applications must be submitted in time to meet the Milgard School of Business deadline listed on the website, as this supersedes the Graduate School admissions deadline. The MSBA program offers rolling admissions on a space available basis. Admission is competitive.

Please see this program's Graduate Admissions page for current requirements.

⊖ Master Of Science In Business Analytics

Completion Requirements

40 credits

1. Business, Data, Analytics, and Information Courses (32 credits):
   - TBANLT 510
   - TBANLT 520
   - TBANLT 530
   - TBANLT 540
   - TBANLT 550
   - TBANLT 560
   - TBANLT 570
   - Elective (4 credits): TBANLT 580, TBANLT 585, TBANLT 590, TBANLT 600, TBANLT 601
2. Knowledge, Wisdom, Practice, and Outcome Courses (8 credits):
   - TBANLT 591
   - TBANLT 592
   - TBANLT 593
   - TBANLT 594

Along with the UW Graduate School requirements, courses taken to complete the 40 credits required for the MSBA degree must receive a passing grade (2.7 or higher).
The program is designed to include business, data, analytics and information courses along with four sections of applied projects to develop knowledge, wisdom, and practice and achieve outcomes.

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Additional Information

Vision

The Milgard School of Business Master of Science in Business Analytics (MSBA) program provides students with the knowledge, tools and skills to understand, manage and make use of big data and smart digital solutions. Students will make effective and efficient business decisions that either solve existing business problems or create new business opportunities, and improve the performance of

organizations. This work-compatible program allows students to learn necessary skills and become part of the next generation of analytics savvy business analysts, project managers, analytics managers, chief analytics officers, chief digital innovation officers, digital talents, T-shape analytical thinkers and adaptive innovators in this data-driven digital era.

Educational Objectives

The Milgard School of Business Interdisciplinary MSBA degree integrates STEM (Science, Technology, Engineering, Mathematics) perspectives into business education and analysis. It is designed to build competency in:

BUSINESS: What are the problems and/or opportunities?

- Necessary skills for achieving organizational impact and competitive advantage with strategic thinking, service transformation, and evidence-based decision making, e.g. communication, project management, process change, optimization, business ethics, privacy, organizational culture change

DATA: What data could solve this problem?

- Core methods for acquiring, storing, handling, and representing data; and how to convert that data to information, knowledge, and wisdom for desired outcomes, data modeling and databases

ANALYTICS/ANALYZE: What models, methods or digital services can be applied to solve this problem?

- Descriptive, diagnostic, predictive, prescriptive, cognitive, visualization/storytelling, analytical, statistical, and computational techniques. Regression and related statistical methods, data and text mining, and operations research methods

OPERATIONS/PRACTICE: How does this apply to a business?

- Create/amend business processes, inform decision-making, understand current and future strategic, tactical, and operational performance, create new businesses, close existing ones, and enter new markets. Key insights that can be gained only through hands-on experience working with and implementing analytical projects in a business environment.

Academic Standards/Policies

- The Milgard School of Business MSBA degree is 40 credits of graduate courses over the course of 12 months.
- The MSBA program does not transfer credits from other institutions.
- The MSBA program does not waive credits from other institutions.
- All courses in the Tacoma MSBA curriculum must be taken for a grade.
- If a student does not pass a required course, the course must be repeated. Another course may be substituted for a failed required course with approval from faculty.

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School of Education

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Faculty Website
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The mission of the University of Washington Tacoma Education Program is to prepare ethical and reflective educators who transform learning, contribute to the community, exemplify professionalism and promote diversity.

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⊖ Undergraduate Programs

Education

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⊖ Program of Study: Major: Education

Program Overview

The Bachelor of Arts in Education focuses on preparing ethical and reflective educators who transform learning, engage families and communities, exemplify professionalism, and promote justice in K-12 education. The program of study includes coursework and fieldwork in partner K-12 districts. The program emphasizes anti-racist/decolonizing, equity-centric, and inclusive pedagogies. This program will prepare students to be recommended for Washington State Residency Teacher Certification in Elementary Education. Students must choose a concentration that will lead to a second endorsement in either Teaching English Language Learners or Special

Education. Successful completion of all program and state requirements prepares students to begin a teaching career upon graduation.

This program of study leads to the following credential:

- Bachelor of Arts degree with a major in Education

Admission Requirements

Admission to the BA in Education program may be declared following:

1. The completion of 45 credits of college coursework, including introduction to psychology (5 credits), introduction to ethnic studies (5 credits), an education service-learning course (5 credits), and one college-level English composition course, all with a minimum grade of 2.0.
2. Declaring a major in Education, including completing a separate application for admissions to the School of Education.

Continuation Policy

To remain in good standing, students must maintain at least a 2.75 cumulative GPA in the major and at least a 2.50 grade for each course that counts toward teacher certification. Students are also held to professional conduct and dispositions standards as articulated by the program and the state's Professional Educators Standards Board.

⊖ Bachelor of Arts degree with a major in Education

Credential Overview

The Bachelor of Arts in Education focuses on preparing ethical and reflective educators who transform learning, engage families and communities, exemplify professionalism, and promote justice in K-12 education. The program of study includes coursework and fieldwork in partner K-12 districts. The program emphasizes anti-racist/decolonizing, equity-centric, and inclusive pedagogies. This program will prepare students to be recommended for Washington State Residency Teacher Certification in Elementary Education. Students must choose a concentration that will lead to a second endorsement in either Teaching English Language Learners or Special Education. Successful completion of all program and state requirements prepares students to begin a teaching career upon graduation.

Completion Requirements

For Education, you need to complete **minimum 117 credits** to meet the degree requirements. You must earn a total of 180 quarter credits, or 225 quarter credits for a double degree, to earn a bachelor degree in your chosen major.

Completion Requirements (40-41 credits)

Part 1- Documented Academic Breadth* Cognate Requirements. For each subject cognate listed below, applicants must document completed college courses, including the year taken and grades received. A minimum grade of 2.0 (or grade of C) in each cognate course is required.

Mathematics Cognate (15 Credits)

Students must take 1 year of math content courses. See Education Major website for the approved list of Mathematics Cognate courses.

Science Cognate (5-6 Credits)

Students must take 1 science course. See Education Major website for the approved list of Science Cognate courses.

Critical Humanities and Ethnic Studies/Socio-cultural Cognate (10 Credits)

A student must take 10 credits to satisfy this cognate. 5 credits must be from the Critical Humanities cognate and 5 credits from the Ethnic Studies/Socio-cultural cognate. See Education Major website for the approved list of Critical Humanities and Ethnic Studies/Socio-cultural Cognate courses.

Psychology Cognate (10 Credits)

Students must take AT LEAST 1 Developmental Psychology course to fulfill this requirement. See Education Major website for the approved list of Psychology Cognate courses.

Part 2- Documented Core Course List & Specialty Endorsement Requirements. For each area listed below, a minimum grade of 2.0 (or grade of C) in each area is required.

Part A- Education Core Course List (18 Credits) for All Tracks

T EDUC 310 (5)

T EDUC 402 (3)
T EDUC 471 (5)

T EDUC 482 (5)

Part B- Teaching Foundations & K-8 Pedagogy Course List (27 credits for K-8 & TELL/24 credits for K-8 & SPED)

Teaching Foundations & K-8 Pedagogy for K-8 & TELL Track (27 credits)

T EDUC 410 (3)

T EDUC 426 (3)

T EDUC 449 (3)

T EDSP 441 / T EDUC 441 (3)

T EDUC 448 (3)

T EDUC 460 (3)

T EDUC 461 (3)

T EDUC 462 (3)

T EDUC 474 (3)

Teaching Foundations & K-8 Pedagogy for K-8 & SPED Track (24 credits)

T EDUC 410 (3)

T EDUC 426 (3)

T EDUC 449 (3)

T EDUC 460 (3)

T EDUC 461 (3)

T EDUC 464 (3)

T EDUC 462 (3)

T EDUC 474 (3)

Part C- Endorsement Speciality Course List (15 credits for K-8 TELL/21 credits for K-8 SPED)

Teaching English Language Learners Requirement for K-8 & TELL Track (15 credits)

T EDUC 419 (3)

T EDUC 463 (3)

T EDUC 464 (3)

T EDUC 465 (3)

T EDUC 469 (3)

Special Education Requirements for K-8 & SPED Track (21 credits)

T EDSP 441/T EDUC 441 (3)

T EDSP 443 (3)

T EDSP 444 (3)

T EDSP 447 (3)

T EDSP 448 (3)

T EDSP 450 (3)

T EDSP 451 (3)

Part D- Advanced Pedagogy and Field Experience (17 credits)

T EDUC 487 (2)

T EDUC 488 (10)

T EDUC 489 (2)

T EDUC 490 (3)

CERTIFICATION REQUIREMENTS

Recommendation for State Teacher Certification with an Elementary Education Endorsement and Special Education (SPED) Endorsement or Teaching English Language Learners (TELL) Endorsement requires the following items in addition to the successful completion of coursework and field experiences:

- Submission of Washington Educators Skills Test-Basic (WEST-B) scores, or SAT or ACT scores
- Ability to pass a criminal background check and other state requirements before entering field placements
- Achieve a passing score on the National Evaluation Series (NES) tests for content knowledge
- Achieve a passing score on the Washington Educators Skills Test-Endorsements (WEST-E) for the chosen endorsement area(s)
- Completion of all other program requirements**

** This major requires demonstrated content knowledge through completion of 45 credits of coursework in other academic disciplines; lower division, transfer courses, and education electives may be used to fulfill these requirements, which overlap with University Area of Knowledge requirements.*

***Note that some program requirements are subject to change due to state/federal regulations.*

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Additional Information

Student Learning Outcomes:

1. Integrate theory, research, ethics and experience to implement best practices in assessment instruction and classroom management.
2. Develop an integrated philosophical framework that clarifies and guides educational practices.
3. Develop the dispositions, knowledge and skills to collaborate in professional learning communities.
4. Demonstrate strategic decision making for the betterment of the students, classrooms, families, schools, and communities.
5. Develop a reflective practice that addresses the complexity and strength of race, ethnicity, class, culture, language, genders, sexualities, age, exceptionalities, religion, and other social identities.

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⊖ Program of Study: Minor: Education and Community Engagement

Program Overview

The Education and Community Engagement Minor is aimed at students interested in understanding the purpose and impact of education across global communities. Candidates examine the role of multiple forms of education, the impact on a range of societal inequalities, and the sociopolitical forces of race, class, gender, sexuality, culture, language, and immigration within a human rights framework. Students choose from multidisciplinary courses that focus on applied education, including the context of K-12 schooling and higher education, employment preparation, and knowledge and socio-emotional well-being development that often occurs in partnership with multiple communities. The minor supports those interested in various educational contexts, including schools, community organizations and advocacy efforts, museum education, youth leadership organizations, after school programming, non-profit and community based organizations, and other applied educational contexts outside of schools.

This program of study leads to the following credential:

- Minor in Education and Community Engagement

⊖ Minor in Education and Community Engagement

Completion Requirements

Required Courses: 10 credits

- T EDUC 292
- T EDUC 301

Additional Requirements: 20 Credits

- Two courses from List A: Diversity elective list
- One course from List B: Social Emotional Well-Being in Schools and Society elective list
- One course from any of the elective lists (List A, List B, or List C)

Approved Diversity Course Electives (List A)

- This elective requirement exposes students to foundations in equity and justice in relation to education, society, and knowledge.
  - Must take two courses from the Approved Diversity Courses (List A).
  - See Education and Community Engagement Minor website for approved list.

Social Emotional Well-Being in Schools and Society Electives (List B)

- This elective requirement exposes students to psychological tenets, mental health and wellness, identity, and mindfulness in relation to learning.
  - Must take one course from Social Emotional Well-Being in Schools and Society electives (List B).
  - Approved Diversity courses (indicated by a 'D') fulfill the previous course requirement list.
  - See Education and Community Engagement Minor website for approved list.

Additional Approved Minor Course Electives (List C)

- Can take up to one course from this list.
- See Education and Community Engagement Minor website for approved list.

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⊖ Program of Study: Minor: Teaching, Learning and Justice

Program Overview

Completing the Teaching, Learning and Justice minor will help you understand the role and responsibilities of classroom teachers and career opportunities in educational settings.

This program of study leads to the following credential:

- Minor in Teaching, Learning and Justice

⊖ Minor in Teaching, Learning and Justice

Credential Overview

Completing the Teaching, Learning and Justice minor will help you understand the role and responsibilities of classroom teachers and career opportunities in educational settings. In this program, students will develop broad perspectives on educational issues in today's world; work closely with professors, teachers and others interested in education and schooling; get hands-on experience in a public classroom setting; prepare for graduate and or teacher certification programs in education.

Completion Requirements

Any course taken for the purpose of fulfilling a Teacher Certification program curriculum requirement or prerequisite must be passed with a 2.7 minimum grade. Students should consult with a program advisor prior to enrolling in classes. The Teaching, Learning, and Justice minor requires 30 credits.

- Teaching, Learning, and Justice Core: 15 credits
  - All three courses below:
    - T EDUC 290 (5 cr) **
    - T EDUC 471 (5 cr) *
    - T EDUC 482 (5 cr) *
      - *T EDUC 471 and T EDUC 482 (2.7 grade or higher and must have been taken in academic year 2012-2013, or later, to qualify) will count as equivalent courses for two of the courses within our Teacher Certification Program, T EDUC 520 and T EDUC 501 (3 cr), respectively. NOTE: If not taken as part of the Education minor, T EDUC 471 and T EDUC 482 (same restrictions as above) will still count as equivalent courses for T EDUC 520 and T EDUC 501.
      - ** T EDUC 290 will fulfill 40 hours of documented experience in a public school classroom, which is an admission requirement for our Teacher Certification Program.
  - Writing-intensive courses: 10 credits
    - Two writing-intensive courses:
      - E.g. English Composition and Literature (or other writing-intensive course). These courses will fulfill K-8 Teacher Certification Program prerequisite coursework. See program website for Secondary prerequisite coursework.
      - Must be 2.7 grade or higher.
  - One Developmental Psychology Course: 5 credits
    - Either select One of the following courses (or equivalent transfer course) to fulfill the Developmental Psychology coursework for the K-8 with English Language Learners (ELL) Certification or K-8 with K-12 Special Education Certification:
      - TPSYCH 220
      - TPSYCH 230
      - TPSYCH 319
      - TPSYCH 320
      - TPSYCH 321
      - TPSYCH 455
    - Or select one course to fulfill the Developmental psychology coursework for the Secondary Math or Science Certification.
      - TPSYCH 220
      - TPSYCH 230
      - TPSYCH 321

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⊖ Graduate Programs

Education

uwted@uw.edu

⊖ Program of Study: Doctor of Education (Educational Leadership)

Program Overview

In the South Puget Sound region, many educators find themselves in positions requiring not only teaching expertise, but also leadership skills, policy knowledge, and the ability to affect positive organizational change, often without the background and

experience to be successful and confident in such roles. These individuals are frequently experts in their professional disciplines; however, today's leaders are required to use skill sets and knowledge that extend beyond that acquired in a master's degree. Today's leaders must possess experience and expertise to employ evidence to improve organizational outcomes, ensure quality teaching for diverse learners, effectively assess programs, and lead local and national accreditation and accountability processes. These leaders must be effective political advocates, and informed fiscal and human resource managers. They must demonstrate emotional intelligence necessary to successfully lead a diverse workforce, as well as possess professional expertise and high standards of legal, moral and ethical behavior. The University of Washington Tacoma addresses these needs with the practice doctoral degree, the Doctoral Program in Educational Leadership (EdD).

This program of study leads to the following credentials:

- Doctor of Education (Educational Leadership)
- Doctor of Education (Educational Leadership) (Advanced Standing)

Admission Requirements

Applicants must:

- Hold a master's degree from a regionally accredited college or university in the U.S. or its equivalent from a foreign institution.
- Have earned at least a 3.0 or B grade-point average in the most recent 45 credits of study.
- Have significant professional experience in a relevant field.
- For admission to the superintendent credential, candidates must possess either: (a) a principal credential, (b) a program administrator credential, or (c) significant executive leadership experience.
- P-12 candidates must be approved by employer for support of Practicum in year 2. For other candidates, potential Practicum setting(s) must be identified. You will be advised by faculty on site selection criteria prior to and after admission.
- Proficiency in English is required for graduate study at the University of Washington. Therefore, every applicant whose native language is not English must demonstrate English proficiency. No waivers of this English proficiency requirement may be given. Understanding the Application Process provides information for English language proficiency.
- Introduction to Graduate Research (*this is a per individual basis). Basic statistics and graduate research knowledge will be assumed by the program and faculty.

⊖ Doctor of Education (Educational Leadership)

Completion Requirements

123 total credits

1. Core/Foundation (20 credits): T EDLD 570, T EDLD 571, T EDLD 572, T EDLD 573
2. Research Series (30 credits): T EDLD 574, T EDLD 581, T EDLD 582, T EDLD 583, T EDLD 584, T EDLD 585
3. Content Area (35 credits): T EDLD 575, T EDLD 576, T EDLD 577, T EDLD 587, T EDLD 588, T EDLD 589, T EDLD 590
4. Community Grounded Praxis (18 credits): T EDLD 602
5. Dissertation in Practice (17 credits): T EDLD 801
6. Dissertation in Practice Seminar (3 credits): T EDLD 802
7. (Optional) Superintendent/Program Administrator Certificate (6 credits): T EDLD 594 (3 credits) & T EDLD 596*

GPA of 3.0 overall and no less than 2.7 in any one course

**Students earning the P-12 Superintendent certificate must complete these six additional credits in order to meet all state competencies.*

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⊖ Doctor of Education (Educational Leadership) (Advanced Standing)

Completion Requirements

123 total credits

1. Core/Foundation (20 credits): T EDLD 570, T EDLD 571, T EDLD 572, T EDLD 573
2. Research Series (30 credits): T EDLD 574, T EDLD 581, T EDLD 582, T EDLD 583, T EDLD 584, T EDLD 585
3. Content Area (35 credits): T EDLD 575, T EDLD 576, T EDLD 577, T EDLD 587, T EDLD 588, T EDLD 589, T EDLD 590
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GPA of 3.0 overall and no less than 2.7 in any one course

**Students earning the P-12 Superintendent certificate must complete these six additional credits in order to meet all state competencies.*

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Additional Information

Program Design

This is a three-year, 123-credit cohort-based program. For those who wish to earn the P-12 Superintendent/Program Administrator Certificate, six additional credits are required in order to meet all state competencies; therefore, 129 credits will be required. Courses are offered two full days, Fridays and Saturdays (for education/community-focused leadership) or Saturday and Sundays (for tribal/indigenous-focused leadership), approximately once per month, 12 months out of the year (four quarters). Students will participate electronically in critical discussions and community connected work throughout the month, in addition to monthly class sessions.

Interdisciplinary Learning
The program is designed for interdisciplinary learning in the field of educational leadership. Students will work collaboratively in leadership courses focused on systemic change, anti-racism and instructional leadership. Students can benefit from cross-disciplinary scholarly discussions. For more discipline-specific knowledge, students will choose study areas along disciplinary interests.

Muckleshoot Tribal College & UW Tacoma Indigenous-Focused Doctoral Program in Educational Leadership (Ed.D.) The University of Washington Tacoma in a joint partnership with the Muckleshoot Tribal College are offering Indigenous leaders the opportunity to apply to the Doctoral Program in Educational Leadership (EdD). This specific cohort will be Indigenous-centered in the curriculum and approaches in the program. This program is appropriate for students holding a Master's degree and who are in the educational field (and allied areas) working with Tribal communities. This a tribally based cohort and classes will be held at the Muckleshoot Tribal College.

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⊖ Program of Study: Educational Specialist (School Psychology)

Program Overview

The Educational Specialist (EdS) degree program in School Psychology is designed for those interested in pursuing a career as a school psychologist. An Educational Specialist degree is a graduate degree that is more advanced than a master’s degree. It includes two years of coursework and practicum and one year of school-based internship. This program prepares reflective science-practitioners and

leaders who value and work for the empowerment of youth, families, educators, and school communities. Courses emphasize multi-tiered systems of prevention and intervention that holistically promote equity; social, emotional, and behavioral wellness; academic success; and collaborative partnerships. Successful graduates from this program meet the requirements for initial certification (Educational Staff Associate) as a school psychologist in the state of Washington.

This program of study leads to the following credential:

- Educational Specialist (School Psychology)

Admission Requirements

The application process is completed entirely online within the UW Graduate School Application. All materials will be either uploaded or completed online. Your application will not be reviewed for admission until all materials have been received. Complete applications received by the application date will be assured of a review; complete applications received after the application date will be reviewed on a space-available basis.

Attention International Applicants: Due to the part-time structure of some aspects of this program, we are unable to admit international students with a F1 or J1 Visa.

Bachelor's degree

A bachelor's degree from a regionally accredited institution.

3.0 grade point average

The prospective student must have at least a 3.0 grade-point-average on a 4 point scale (or equivalent measures of performance if a graduate of an institution that does not use an alpha-numeric grading or evaluation system) for those credits earned at the institution awarding the bachelor's degree OR at least a 3.0 grade-point-average (on a 4 point scale) for the last 90 graded quarter credits or 60 graded semester credits.

UW Graduate School application

When applying online, be sure to choose "Graduate" from the pull-down menu of application types. Then be sure to choose "Education - Tacoma (EdS in School Psychology)" from the pull-down menu of graduate programs.

Unofficial transcripts

Unofficial transcripts from every college or university you have attended must be uploaded into the online application. If admitted to the program, one **official** transcript from your master's or bachelor's degree college (except if UW) will be required by the UW Seattle Graduate Admissions Office.

Two (2) Professional References

In the EdS School Psychology program, we value academic excellence, a strong commitment to equity and justice, interpersonal skills (e.g., clear communication, effective collaboration), intrapersonal skills (e.g., reflection, adaptability), professional behaviors (e.g., reliability, ability to receive feedback), ethical-decision making, and sound reasoning. Please seek two recommendations from those who can offer a recent and objective assessment of your knowledge, skills, and behaviors in these areas (e.g., direct supervisors, professors, community leaders). Your professional references will be provided a link to upload their letter to our online system.

You may, alternatively, choose to have each recommender complete our EdS Reference Form (linked below) and upload it to our online system. A separate letter is not required if this option is selected.

EdS Reference Form

Professional Goal Statement

The UWT EdS School Psychology program prepares reflective science-practitioners and leaders who value and work for equity and the empowerment of youth, families, educators, and school communities. This program emphasizes school systems of prevention and intervention that are high-impact and holistically promote justice; social, emotional, and behavioral wellness; academic success; and collaborative partnerships within the contest of antiracist and decolonial practices that support social justice and inclusive education.

We ask that you offer a professional goal statement explaining (a) why you are seeking a degree in school psychology and (b) your reasons for selecting this EdS School Psychology program at the UW Tacoma. We ask that you limit your writing to no more than 3 pages. Please make explicit connections with UW Tacoma's values in your statement.

Resume or vitae

An updated resume or vitae is required. Please include any experiences that are consistent with the values of this program as listed above. That could include professional experiences, academic experiences, volunteering or service experiences, and community partnerships.

Resume resources:

Sample Resumes

Resume Resources

Cover Letter and Resume Guidelines

UW Tacoma Resume Review Service

Writing sample

We ask that you upload a sample of your professional writing (e.g., essay, research paper, report/brief). There is no length or topic specifications for this writing sample, but please submit a sample that is representative of your current academic writing skills. If available, please submit a sample of your writing formatted in American Psychological Association (APA) style. APA formatting is not a requirement for this sample, but please note that we use this writing style in this program.

This program, and a career as a school psychologist, require writing skills. Thus, we will use your writing sample to gauge the amount of support you might need in this area.

⊖ Educational Specialist (School Psychology)

Completion Requirements

Total credits: 96

1. *Foundations in Education & School Psychology*: T EDUC 520, T EDSP 539, 545, 547, T SPSY 501, 548
2. *Educational Frameworks & Multi-tiered Systems*: T EDUC 540, 542, T EDSP 546, 556
3. *Research & Measurement*: T EDUC 503, 504, T SPSY 555
4. *Assessment & Evaluation*: T EDSP 544, T SPSY 551, 549, 557
5. *Intervention*: T EDUC 541, T EDSP 543, T SPSY 554, 553, 550
6. *Field-based Experiences & Reflective Seminars*: T SPSY 560, 561, 562, TSPSY 601 (9 credits), T SPSY 750 (6 credits)

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⊖ Program of Study: Master Of Education

Program Overview

The master of education (M.Ed.) degree is organized under the umbrella of the School of Education at UW Tacoma. Within that framework, we offer the following M.Ed. credentials: • K-8 Teacher Certification with Special Education • K-8 Teacher Certification with

English Language Learners • Secondary Teacher Certification in the Sciences or Mathematics • Master of Education for Practicing Educators • Educational Administration Programs vary in length, focus and requirements. Some are part-time and some are full-time. Upon acceptance, all students are assigned an advisor to find the most reasonable and efficient means of reaching their desired goal.

This program of study leads to the following credentials:

- Master Of Education
- Master Of Education (Elementary Education)
- Master Of Education (General For Practicing Educators)
- Master Of Education (Secondary Education)

⊖ Master Of Education

Completion Requirements

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⊖ Master Of Education (Elementary Education)

Credential Overview

The Master of Education Program with a focus on Teacher Education features an introduction to teaching in all areas of the elementary and middle school curriculum, preparation for non-curricular aspects of the teacher's role, reflection on contemporary issues in education and frequent supervision. Mentor teachers and university faculty work together to provide students with a program that ensures integration of course content with hands-on experience. Student candidates will begin their Autumn Quarter Clinical Practice the first day of public schools, or earlier to attend building orientations or professional development days. Please note you may need to start your clinical practice as early as mid to late August.

Admission Requirements

Please visit this program's Graduate Admissions page for current requirements.

Completion Requirements

Completion Requirements

71 credits

1. Core Courses (9 credits): T EDUC 501, T EDUC 502, T EDUC 520
2. Dual-Track Elementary Education Courses (15 credits): T EDUC 510, T EDUC 526, T EDUC 560, T EDUC 561, T EDUC 562
3. Choose English Language Learners Track or Special Education Track:
    a. English Language Learners Track:
        1. Required Courses (27 credits): T EDUC 519, T EDUC 541, T EDUC 548, T EDUC 549, T EDUC 555, T EDUC 563, T EDUC 564, T EDUC 565, T EDUC 569
        2. Field Experience I (2 credits): T EDUC 587
        3. Field Experience II (3 credits): T EDUC 588
        4. Field Experience III (9 credits): T EDUC 589
        5. Reflective Seminar (3 credits): T EDUC 590
        6. Culminating Project Sequence (3 credits): T EDUC 599
    b. Special Education Track:
        1. Required Courses (27 credits): T EDSP 541, T EDSP 543, T EDSP 544, T EDSP 547, T EDSP 548, T EDSP 550, T EDSP 551,

T EDUC 555, T EDUC 564

2. Field Experience I (2 credits): T EDSP 587 or T EDUC 587
3. Field Experience II (3 credits): T EDSP 588
4. Field Experience III (9 credits): T EDSP 589
5. Reflective Seminar (3 credits): T EDSP 590
6. Culminating Project Sequence (3 credits): T EDSP 583, T EDSP 584

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⊖ Master Of Education (General For Practicing Educators)

Credential Overview

This graduate degree program is designed to build upon the skills, knowledge and commitment of practicing educators and other professionals working in educational settings. This graduate degree program offers five areas of emphasis that you can select to best fit your professional learning and development needs. With this high-quality graduate degree from UW, you will be prepared to meet the needs of 21st century learners. Our UW Tacoma professors are skilled instructors who are actively engaged in schools and produce quality research. As our students complete this graduate program, they typically earn higher salaries and promotions, realize exciting new career opportunities, and advance the lives of their students in truly meaningful ways.

Admission Requirements

Please visit this program's Graduate Admissions Page for current requirements.

Completion Requirements

Completion Requirements

36-39 credits, depending on track

1. Core courses (12 credits): T EDUC 501, T EDUC 502, T EDUC 504, T EDUC 520
2. Culminating Project Sequence (6 credits): T EDUC 599 OR T EDSP 589
3. Choose one track:
    1. Student Academic and Social Success (SASS) Track:
        1. Required courses (15 credits): T EDUC 503, T EDUC 540, T EDSP 545, T EDSP 546, T EDSP 556
        2. One of the following courses (3 credits): T EDUC 541, T EDUC 542, T EDUC 543
    2. Curriculum and Instruction (C&I) Track:
        1. Required courses (9 credits): T EDUC 503, T EDUC 530, T EDUC 569
        2. Three of the following courses (9 credits): T EDUC 531, T EDUC 541, T EDUC 543, T EDUC 563, T EDUC 564, T EDUC 565
    3. Teaching English Language Learners (TELL) Track:
        1. Required courses (15 credits): T EDUC 519, T EDUC 563, T EDUC 564, T EDUC 565, T EDUC 569
        2. Elective (3 credits): Graduate coursework within Education or a related field. Course list maintained by the program.
    4. Special Education (SPED) Track:
        1. Required courses (21 credits): T EDSP 544, T EDSP 545, T EDSP 546, T EDSP 547, T EDSP 550, T EDSP 551, T EDSP 556
    5. Social Emotional Learning (SEL) Track:
        1. Required courses (18 credits): T EDUC 503, T EDUC 540, T EDUC 542, T EDSP 556, T EDSP 545, T EDSP 546

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⊖ Master Of Education (Secondary Education)

Credential Overview

The Master of Education Program with a focus on Secondary Certification partners with local schools to prepare future teachers to help students in middle and high school gain knowledge and success in the sciences or mathematics. The preparation of secondary teachers in the sciences or mathematics education addresses among the most significant gaps in the teacher corps today. The Secondary Certification program begins in summer quarter only and is four quarters of full-time (mostly evening) study and clinical practice (or approx. two years part-time) for the certificate only. Students wishing to also obtain a master's degree can usually complete this in an additional year of part-time evening study which is conducive to a working teacher's schedule. This program is based on the most current educational research and theory. Our goal is to ensure that our graduates have a positive impact on student learning.

Admission Requirements

Please visit this program's Graduate Admissions Page for current requirements.

Completion Requirements

Completion Requirements

48 credits

1. Core courses (9 credits): T EDUC 501, T EDUC 502, T EDUC 520
2. Secondary Education Courses (15 credits): T EDUC 523, T EDUC 524, T EDUC 533, T EDUC 535, T EDUC 539
3. Choose Science Track or Mathematics Track:
    1. Science Track:
        1. Required courses (6 credits): T EDSS 511, T EDSS 512
    2. Mathematics Track:
        1. Required courses (6 credits): T EDSM 517, T EDSM 519
4. Fieldwork, Seminar and Culminating Project
    1. Field Experience I (1 credit): T EDUC 587
    2. Field Experience II (3 credits): T EDUC 588
    3. Field Experience III (9 credits): T EDUC 589
    4. Reflective Seminar (2 credits): T EDUC 590
    5. Culminating Project Sequence (3 credits): T EDUC 599

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School of Engineering and Technology

School of Engineering and Technology

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Faculty Website
uwtech@uw.edu

The School of Engineering and Technology at the University of Washington, Tacoma, provides focus for the rapid development of high-technology academic programs which serve the needs of the state of Washington. Launched in 2001, the School of Engineering and Technology has supported the community by building facilities, classrooms and labs. Through innovative partnerships with area companies, internships and funded research projects, Institute students gain real world experience to tackle the challenges of a continually evolving industry.

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⊖ Undergraduate Programs

School of Engineering and Technology

133 Cherry Parkes Building
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⊖ Program of Study: Major: Civil Engineering

Program Overview

The Bachelor of Science in Civil Engineering is designed to meet ABET accreditation criteria and will emphasize the conception, development, design, construction, maintenance, and renewal of systems in a complex urban environment that involve issues in transportation, water resources, the environment, structural engineering, geotechnical engineering, construction engineering, and land development. The BSCE program complements the BSME, BSEE, BSCES, and BSCSS programs by providing additional learning opportunities in transportation, geotechnical, environmental, structural, construction, and water resources engineering. Prerequisites for the BSCE program can be met through coursework at UW Tacoma or community colleges. Graduates of the BSCE program will be prepared for careers inside and outside of engineering, and for graduate study. The program will be responsive to regional needs and to engineering education reform. The BSCE program will serve both traditional and nontraditional students by providing degree pathways for both freshman and transfer students.

This program of study leads to the following credential:

- Bachelor of Science in Civil Engineering degree

Admission Requirements

To be considered for admission all applicants must meet the following minimum qualifications:

- Completion of a minimum of 45 college-level credits
- Cumulative GPA of at least 2.00 in all college course work
- Minimum grade of 2.0 in each prerequisite course
- Completion of all prerequisite coursework with a cumulative GPA of at least a 2.50 in all college math, science, computer science, and engineering course work. If a course is taken multiple times, the highest grade achieved will be use to calculate the GPA.

While only top grades in prerequisite courses will be calculated into the admission GPA, repeated courses are factored into overall admissions decisions. Students transferring from a community college to this program are strongly encouraged to follow the Associate

of Science Transfer Track 2.

Prerequisites - 61 credits

All applicants must be admitted to the University of Washington Tacoma and are required to complete the following prerequisites before being accepted to the Civil Engineering program. Must meet the minimum cumulative GPA of at least a 2.50 in all required prerequisite coursework.

- TMATH 124, 125, and 126 (check the Equivalency Guide to see if Calculus IV is needed) (15)
- TMATH 207 (5)
- T PHYS 121, 122, and 123: Physics courses must be Calculus-based. If Physics I, II and III are completed and 18 quarter credits are not achieved, the remaining credits may be satisfied by any lab-based science course. (18)
- T CHEM 142 (6)
- TME 221 (4)
- TME 222 (4)
- TME 223 (4)
- Programming: 5 credits of Introduction to Computer Programming C, C++, Python, or JAVA based languages. TCSS 142 is an example of one such course (5)

Students with previous baccalaureate degrees or extensive work experience should meet with an advisor to discuss options.

How to Apply to the Major

All applicants must be admitted to the University of Washington Tacoma before applying to the major. All students applying to the Civil Engineering program must fill out a TCIVE major application form. Admission to the major is competitive.

Please visit the School of Engineering and Technology website for program application instructions. Note: The Civil Engineering program admits only once a year in the autumn quarter.

⊖ Bachelor of Science in Civil Engineering degree

Completion Requirements

To qualify for graduation with a Bachelor of Science in Civil Engineering from the University of Washington Tacoma, a student must:

- Be a matriculated Civil Engineering student in good academic standing (cumulative grade point average of 2.00 or higher) with the University of Washington Tacoma.
- A minimum 2.0 grade for each course applied to the major
- Complete all Civil Engineering prerequisites and required course work with a minimum cumulative grade point average of 2.50 in those courses.
- Complete a minimum of 30 credits of CE required courses in residence at the University of Washington Tacoma.
- Apply for graduation in-person with an advisor two quarters before you expect to graduate.

Required CORE Courses: 94 credits

- TME 310 (2)
- T GEOS 117 (6) or another approved lab science course (cannot be in physics or chemistry)
- TCE 304 (3)
- TME 351 (3)
- TCE 307 (5)

- TCE 347 (5)
- TCE 305 (3)
- TCE 327 (5)
- TCE 367 (5)
- TCE 377 (5)
- TCE 337 (5)
- TCE 357 (5)
- TCE 401 (3)
- TME 403 (2)
- TEE 225 (5)
- TCE 309 (4)
- TCE 473 (5)
- TCE 488 (2)
- TCE 489 (5)

Electives: 16 credits

Electives must be taken from at least two of the specializations below.

- Geotechnical
  - TCE 436 (4)
- Structures
  - TCE 429 (4)
  - TCE 451 (4)
  - TCE 452 (4)
- Transportation
  - TCE 411 (4)
  - TCE 416 (4)
  - TCE 417 (4)
- Environmental
  - TCE 480 (4)
  - TCE 482 (4)
  - TCE 484 (4)

Up to 4 credits of the 16 credits may be satisfied by completing TCE 497 and/or TCE 499.

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Additional Information

Program Educational Objectives

- Program educational objectives, as defined by ABET are the abilities, skills, and accomplishments expected of graduates within a few years of graduation. The Program Educational Objectives of the Civil Engineering program are as follows:
  - Within three to five years of graduation from the Civil Engineering program, it is expected that graduates will have:
    - Applied their knowledge of engineering principles, science, mathematics, design and implementation to solve civil engineering challenges.
    - Participated effectively as a member of a multi-disciplinary project team, demonstrating leadership and project management skills when appropriate.
    - Made positive contributions to their community and society through involvement in community and professional organizations.
    - Made decisions related to their work that demonstrate an understanding of the importance of being an ethical

engineering professional.
        - Applied communication skills to effectively promote ideas and goals.
        - Made progress toward certification as licensed Professional Engineers and/or pursued graduate studies.
    - Since the objectives are fairly broad, it is not expected that every graduate will achieve every objective.

Student Outcomes

- The Accreditation Board for Engineering and Technology (ABET) is a non-governmental organization that accredits post-secondary education programs in applied science, computing, engineering, and engineering technology. Students who complete the B.S. in Civil Engineering program will achieve the following ABET-based student outcomes by the time of graduation:
    - An ability to identify, formulate, and solve complex engineering problems by applying principles of engineering, science, and mathematics.
    - An ability to apply engineering design to produce solutions that meet specified needs with consideration of public health, safety, and welfare, as well as global, cultural, social, environmental, and economic factors.
    - An ability to communicate effectively with a range of audiences.
    - An ability to recognize ethical and professional responsibilities in engineering situations and make informed judgments, which must consider the impact of engineering solutions in global, economic, environmental, and societal contexts.
    - An ability to function effectively on a team whose members together provide leadership, create a collaborative and inclusive environment, establish goals, plan tasks, and meet objectives.
    - An ability to develop and conduct appropriate experimentation, analyze and interpret data, and use engineering judgment to draw conclusions.
    - An ability to acquire and apply new knowledge as needed, using appropriate learning strategies.

Academic Standards/Policies

The following standards apply to all students in the Civil Engineering program. These standards may apply in addition to other academic standards at the University of Washington Tacoma.

- Each required TCE course must be completed with a minimum grade of 2.0 before advancing to the next course. If a grade below 2.0 is earned, the course must be repeated. Course credit will be awarded only once, but both grades will be used in computing the cumulative grade point average. The higher grade will be used when computing the CE major grade point average.
- If a student does not achieve the required grade of 2.0 after repeating a required TCE course, the student must request permission to take the course a third time. The petition to repeat a course and instructions are located on the School of Engineering and Technology website.
- Courses in the Civil Engineering program may not be taken by correspondence (distance learning) without prior CE faculty approval.
- Courses in the Civil Engineering program may not be taken as S/NS (satisfactory/not satisfactory).
- If a student wishes to substitute a course taken at another institution for a TCE required course, the student must submit a petition to substitute a course form along with course syllabi to their academic advisor. The form can be found on the Undergraduate Resources Page. The CE faculty will review the petition and inform the advisor if the substitution is approved. If a course is more than seven years old, the student will be required to repeat the course at UW Tacoma. Credit will not be awarded twice for the same course. A maximum of 15 credits may be awarded through course substitution.
- Civil Engineering transfer courses are held to the same 2.0 grade standard required for all Civil Engineering coursework.
- Current UW Tacoma students wishing to change to a Civil Engineering major from another major are required to apply for admission to the major and must follow the major requirements in place at the time of admission.

Low Scholarship

- Any undergraduate Civil Engineering student who is dismissed from the University for Low Scholarship will be removed from the Civil Engineering major.
- Any undergraduate Civil Engineering student who is denied permission to repeat a required course, or who does not earn the required grade of a 2.0 or higher after repeating the course for a third time will be removed from the Civil Engineering major.
- After being removed from the Civil Engineering major, a student must re-apply for admission in order to continue as a CE student

in any status, matriculated or otherwise. The Admissions Committee will evaluate the student's application requesting re-admission, and any extenuating circumstances, and will then recommend action.

Engineering Labs

- The School of Engineering and Technology has dedicated laboratories containing specialized equipment to support its programs.

Research and Internship Opportunities

- Research, directed reading, and internship opportunities allow senior-level students to explore their unique areas of interest complemented by the expertise of the faculty and industry.

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⊖ Program of Study: Major: Computer Engineering

Program Overview

The Computer Engineering program combines elements of both electrical engineering and computer science providing students a thorough education in both the theoretical foundations and practical skills needed to solve computing problems. Graduates of the Computer Engineering program are prepared to work on a variety of applications including circuit design, microprocessor design, software engineering, and embedded systems — the integration of computer systems into other kinds of systems such as appliances, robots, motor vehicles, or airplanes. The B.S. degree in Computer Engineering is accredited by the Accreditation Board for Engineering and Technology (ABET).

This program of study leads to the following credential:

- Bachelor of Science degree with a major in Computer Engineering

Admission Requirements

Admission Requirements

To be considered for admission all applicants must meet the following minimum qualifications:

- Completion of a minimum of 45 college-level credits
- Cumulative GPA of at least 2.00 in all college course work
- Completion of all pre-requisite coursework with a cumulative GPA of at least a 2.50 in all college math, science, computer science, and engineering course work. Only top marks will be considered when calculating GPA.
- Students transferring from a community college to this program are strongly encouraged to follow the Associate of Science Transfer Track 2.

Prerequisites

- Calculus I (TMATH 124 or MATH 124), Calculus II (TMATH 125 or MATH 125), Calculus III (TMATH 126 or MATH 126) (check the equivalency guide to see if calculus IV is needed)
- TMATH 207 or MATH 207
- T PHYS 121 or PHYS 121 and T PHYS 122 or PHYS 122
- TCSS 142 or CSE 121 or CSE 122* or CSE 142 or equivalent (*CSE 122 may be used to satisfy either TCSS 142 or TCSS 143 but not both.)
- TCSS 143 or CSE 122* or CSE 123 or CSE 143 or equivalent (*CSE 122 may be used to satisfy either TCSS 142 or TCSS 143 but not both.)
- TCES 215 or E E 215 or equivalent.
- Students with previous baccalaureate degrees or extensive work experience should meet with an advisor to discuss options.

How to Apply to the Major

All students applying to the Computer Engineering program must fill out a TCENGR major application form. Please visit the School of Engineering and Technology website for program application instructions. Note: The Computer Engineering program admits only once a year in the autumn quarter.

⊖ Bachelor of Science degree with a major in Computer Engineering

Completion Requirements

To qualify for graduation with a Bachelor of Science in Computer Engineering from the University of Washington Tacoma, a student must:

- Be a matriculated Computer Engineering student in good academic standing (cumulative grade point average of 2.00 or higher) with the University of Washington Tacoma.
- A minimum 2.0 grade for each course applied to the major.
- Complete all Computer Engineering prerequisites and required course work with a minimum cumulative grade point average of 2.50 in those courses.
- Physics sequence I, II, III must total 18 quarter credits. If this is not achieved, the remaining credits may be satisfied by any lab-based science course.
- Complete a minimum of 30 credits of Computer Engineering required courses in residence at the University of Washington Tacoma.
- Apply for graduation in-person with an advisor two quarters before you expect to graduate.
- Required Core Courses: 98-101 credits
    - Computer Science Fundamentals (10 credits)
        - TCES 203 (5)
        - TCSS 342 (5)
    - Electrical Engineering Fundamentals (10 credits)
        - TCES 310 (5)
        - TCES 312 (5)
    - Computer Systems (10 credits)
        - TCES 372 (5)
        - TCES 420 (5)
    - Math / Theory (18-21 credits)
        - TCSS 321 (5) or CSE 321 (4)
        - TCES 380 (5)
        - TMATH 208 (5) or MATH 208 (4)
        - T PHYS 123 (6) or PHYS 123 (5)
    - Ethics and Society (5 credits)
        - TCSS 325 (5)
    - Computer Engineering (35 credits)
        - TCES 230 (5)
        - TCES 330 (5)
        - TCES 430 (5)
        - TEE 451 (5)
        - TCES 460 (5)
        - TCES 480 (2)
        - TCES 481 (4)
        - TCES 482 (4)
    - Electives: 10 credits; students may take 10 credits of 400-level TEE, TCES, or TCSS courses, and/or one 500-level TECE or TCSS courses to count towards the elective requirement.

- See department website or advisor for approved list.

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Additional Information

Program Educational Objectives

Program educational objectives, as defined by ABET are the abilities, skills, and accomplishments expected of graduates within a few years of graduation. The Program Educational Objectives of our Computer Engineering program are as follows:

Within three to five years of graduation from the Computer Engineering program, it is expected that many graduates will have:

1. Developed a product or process by applying their knowledge of mathematics, computing, systems and development tools, and product life-cycle management.
2. Applied the principles of mutual respect, safety, quality, integrity and inclusion as a member of a multi-disciplinary development team and undertaken a leadership role when appropriate.
3. Improved their skills and abilities by taking graduate courses, professional development training, or voluntary experiential learning opportunities.
4. Made positive contributions to their community and society by applying skills and abilities learned during their undergraduate program in computer engineering.
5. Made decisions related to their work that demonstrate an understanding of the importance of being an ethical engineering professional.
6. Applied their technical communication skills to effectively promote their ideas, goals, or products.

Since the objectives are fairly broad, it is not expected that every graduate will achieve every objective.

Student Outcomes

The Accreditation Board for Engineering and Technology (ABET) is a non-governmental organization that accredits post-secondary education programs in applied science, computing, engineering, and engineering technology.

Students who complete the B.S. in Computer Engineering program will achieve the following ABET-based student outcomes:

1. An ability to identify, formulate, and solve complex engineering problems by applying principles of engineering, science, and mathematics.
2. An ability to apply engineering design to produce solutions that meet specified needs with consideration of public health, safety, and welfare, as well as global, cultural, social, environmental, and economic factors.
3. An ability to communicate effectively with a range of audiences
4. An ability to recognize ethical and professional responsibilities in engineering situations and make informed judgments, which must consider the impact of engineering solutions in global, economic, environmental, and societal contexts.
5. An ability to function effectively on a team whose members together provide leadership, create a collaborative and inclusive environment, establish goals, plan tasks, and meet objectives.
6. An ability to develop and conduct appropriate experimentation, analyze and interpret data, and use engineering judgment to draw conclusions.
7. An ability to acquire and apply new knowledge as needed, using appropriate learning strategies.

Academic Standards/Policies

- The following standards apply to all students in the Computer Engineering program. These standards may apply in addition to other academic standards at the University of Washington Tacoma.
  - If a student does not achieve the required grade of 2.0 after repeating a required TCSS or TCES course, the student must request permission to take the course a third time. The petition to repeat a course and instructions are located on the School of Engineering and Technology website.
  - Courses in the Computer Engineering program may not be taken by correspondence (distance learning) without prior TCENGR faculty approval.
  - Courses in the Computer Engineering program may not be taken as S/NS (satisfactory/not satisfactory).
  - If a student wishes to substitute a course taken at another institution for a Computer Engineering required course, the student must submit a Petition to Substitute a Course form along with course syllabi to their academic advisor. The Electrical and Computer Engineering faculty will review the petition and inform the advisor if the substitution is approved. If a course is more than seven years old, the student will be required to repeat the course at UW Tacoma. Credit will not be awarded twice for the same course. A maximum of 15 credits may be awarded through course substitution.
  - Computer engineering transfer courses are held to the same 2.0 grade standard required for all Computer Engineering coursework.
  - Current UW Tacoma students wishing to change to a Computer Engineering major from another major are required to apply for admission to the major and must follow the major requirements in place at the time of admission.

Low Scholarship

- Any undergraduate Computer Engineering student who is dismissed from the University for Low Scholarship will be removed from the Computer Engineering program.
- Any undergraduate Computer Engineering student who is denied permission to repeat a required course, or who does not earn the required grade of a 2.0 or higher after repeating the course for a third time, will be removed from the Computer Engineering program.
- After being removed from the Computer Engineering major, a student must re-apply for admission in order to continue as a TCENGR student in any status, matriculated or otherwise. The Admissions Committee will evaluate the student's application requesting re-admission, and any extenuating circumstances, and will then recommend action.

Engineering Labs

- The School of Engineering and Technology has dedicated laboratories containing specialized equipment to support its programs. These laboratories are accessible to admitted School of Engineering and Technology students via assigned key card 24 hours a day, seven days a week.

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⊖ Program of Study: Major: Computer Science and Systems

Program Overview

The Computer Science and Systems (CSS) program provides a broad approach to computer science and software design. The CSS curriculum focuses on computer science theory, but with an equal emphasis on software application design methods relevant to the needs of local and regional industry. Students will acquire essential knowledge of object-oriented programming, algorithms and principles of abstraction, data structures, discrete structures, architecture, operating systems, software design and complex ethical and societal computing issues.

This program of study leads to the following credentials:

- Bachelor of Arts degree with a major in Computer Science and Systems
- Bachelor of Science degree with a major in Computer Science and Systems

⊖ Bachelor of Arts degree with a major in Computer Science and Systems

Credential Overview

The Bachelor of Arts in Computer Science and Systems (CSS) provides students with a strong foundation in computing technology with an opportunity to apply the fundamental concepts and technologies of computer science to another academic discipline. Students graduate with a rigorous grounding in the principles of the software design process, and are highly informed users rather than primary builders of software.

Admission Requirements

Admission requirements for Bachelor of Arts degree with a major in Computer Science and Systems

- Admission to the Computer Science and Systems major is competitive.
- To be considered for admission all applicants must meet the following minimum qualifications:
  - Completion of all prerequisite coursework with a cumulative GPA of at least a 2.50 in all college math, science, and computer science courses
  - Cumulative GPA of at least a 2.00 in all college course work
  - Completion of a minimum of 45 college-level credits
- Prerequisites
  - Calculus (TMATH 124, or equivalent)
  - Statistics (TMATH 110, or equivalent)
  - Introduction to Programming(TCSS 101, or equivalent) or Programming for All (TCSS 141, or equivalent)
  - Introduction to Programming and Object-oriented programming (TCSS 142 and 143 or equivalent), highly recommend taking TCSS 101 or TCSS 141 prior to these courses
  - Completion of a minimum of 45 college-level credits
  - Cumulative GPA of at least a 2.00 in all college course work
  - Cumulative GPA of at least a 2.50 in TCSS 142, TCSS 143, TMATH 124, TMATH 110
  - 15 credits of Social Science course work
- How to Apply to the Major
  - All students applying to the Computer Science and Systems program must submit a completed BA in Computer Science and Systems major application form. Please visit the School of Engineering and Technology website for program application instructions. Students for BA are admitted in Autumn quarter only.

Completion Requirements

Graduation Requirements for Bachelor of Arts degree with a major in Computer Science and Systems

- To qualify for graduation with a Bachelor's of Arts degree in Computer Science and Systems from the University of Washington Tacoma, a student must:
  - Apply for graduation in-person with an advisor two quarters before you expect to graduate
  - Complete all Computer Science and Systems prerequisites and required coursework with a minimum cumulative grade point average of 2.50 in those courses.
  - Be a matriculated Computer Science and Systems student in good academic standing (cumulative grade point average of 2.00 or higher) with the University of Washington Tacoma
- Students earning the Bachelor of Arts in Computer Science and Systems must also satisfy the requirements of any UW Tacoma minor or have earned a previous bachelor's degree.
- Foundation - Strengthening Courses:
  - TCSS 101 OR TCSS 141
  - TCSS 142
  - TCSS 143
- Lower Division Coursework:

    - 5 credits of English Composition
    - 5 credits additional Composition or advanced writing
    - 5 credits each of calculus and statistics
    - 15 credits of Arts and Humanities course work
    - 15 credits of Social Science course work
    - 15 credits of Object-Oriented Programming (TCSS 101 or TCSS 141, TCSS 142 and TCSS 143 or equivalent
    - Required for BA TCSS students:
- Students with previous baccalaureate degrees or extensive work experience should meet with an advisor to discuss options.
- Overall Major Credits (76 credits)
    - TCSS 305
    - TCSS 321
    - TCSS 325
    - TCSS 342
    - TCSS 371
    - TCSS 360
    - TCSS 496 (6 credits total)
    - Students must enroll in TCSS 496 every quarter to complete a portfolio.
    - Create your own pathway as a separate option
    - This option is available if none of the existing minors apply to the student's field of study
    - In consultation with a faculty advisor, choose core & elective courses (CSS or other) based on a coherent theme in regards to the student's interests and the student's portfolio.
    - This should be done before the end of junior year
    - Students must get approval from the CSS faculty advisor
    - Students pursuing the Bachelor of Arts degree in TCSS are required to choose a minor from one of UW campuses unless the student has earned a previous bachelor's degree.
    - Minors consist of 25-35 credits in a focused area of study or Course Option
    - Course Option - Approved Focus Area must consist of 25-35 credits. Students will need to work closely with an academic advisor to map out a feasible schedule.
    - Required CORE Courses (30 credits)
    - Required Portfolio Course (6 credits)
    - Electives (15 credits)
    - Students must complete 15 additional credits of 300-level or 400-level courses chosen from the Computer Science and Systems program (excluding TCSS 390); see course descriptions for listing.
    - Required Minor (25-35 credits)

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⊖ Bachelor of Science degree with a major in Computer Science and Systems

Credential Overview

The Computer Science and Systems (CSS) program provides a broad approach to computer science and software design. The CSS curriculum focuses on computer science theory, but with an equal emphasis on software application design methods relevant to the needs of local and regional industry. Students will acquire essential knowledge of object-oriented programming, algorithms and principles of abstraction, data structures, discrete structures, architecture, operating systems, software design and complex ethical and societal computing issues.

Admission Requirements

Admission requirements for Bachelor of Science degree with a major in Computer Science and Systems

- Applicants are evaluated on the following criteria:

    - Completion of all prerequisite courses.
    - Grades in prerequisite courses -- individually and cumulatively. The most competitive applicants will have at least a 3.0 in each prerequisite course.
    - Overall previous academic performance.
    - Completion of at least 45 college-level credits.
- The CSS program admits qualified students for autumn and winter quarters only.
- Admission to the major is capacity-constrained. Please review the following prerequisites and application process carefully.
- Prerequisites
    - To qualify for admission to the Bachelor of Science in CSS, applicants must first be admitted to the University of Washington Tacoma and have completed the following required prerequisites:
        - Calculus I (TMATH 124 or equivalent)
        - Calculus 2 (TMATH 125 or equivalent)
        - Any lab-based science course (except Astronomy)
        - Introduction to Programming (TCSS 142 or equivalent)
        - Object-Oriented Programming (TCSS 143 or equivalent)
    - Required cumulative prerequisite GPA of at least 2.5, with a minimum grade of 2.0 in each individual prerequisite. Required minimum cumulative GPA of 2.0 in all college coursework.
    - Transfer students at WA State community colleges should use the UW Equivalency Guide to determine course equivalencies at their school.
- Please note: Admission to the CSS program is capacity-constrained. Students who are admitted to the program typically have grades of 3.0 and higher in prerequisite math, science, and computer science courses as well as a strong cumulative grade point average.

Completion Requirements

Graduation Requirements for Bachelor of Science degree with a major in Computer Science and Systems

- To qualify for graduation with a Bachelor's of Science degree in Computer Science and Systems from the University of Washington Tacoma, a student must:
    - Complete all Computer Science and Systems prerequisites and required coursework with a minimum cumulative grade point average of 2.5 in those courses
    - Be a matriculated Computer Science and Systems student in good academic standing (cumulative grade point average of 2.0 or higher) with the University of Washington Tacoma
    - Complete 25 credits of 300 and 400 level Computer Science and Systems senior electives (10 credits must be 400-level)
    - Complete 45 credits in math beyond pre-calculus and lab-based science courses
- Lower Division Coursework:
    - Required for BS TCSCI students
        - 5 credits of English Composition
        - 5 credits additional Composition or advanced writing
        - 10 credits of Arts and Humanities course work
        - 10 credits of Social Sciences course work
        - 3 credits Diversity elective
        - 10 credits of Object-Oriented Programming (TCSS 142 and TCSS 143 or equivalent)
        - 15 credits of Calculus (TMATH 124, TMATH 125, TMATH 126 or equivalent)
        - 5 credits of lab-based science
        - 5 additional credits of lab-based science or math beyond pre-calculus
    - Students with previous baccalaureate degrees or extensive work experience should meet with an advisor to discuss options.
- Required CORE courses
    - TCSS 305
    - TCSS 321

    - TCSS 325
    - TCSS 342
    - TCSS 343
    - TCSS 360
    - TCSS 371
    - TCSS 372
    - TCSS 380
    - TCSS 422
- CSS Electives
    - Students must complete 25 additional credits of 300-level or 400-level courses chosen from the Computer Science and Systems program (excluding TCSS 390); see course descriptions for listing. For these 25 elective credits, students must complete:
        - 5 credits from the approved electives list (see the CSS web site for the approved list),
        - an additional 10 credits of 300- or 400-level TCSS electives, and
        - an additional 10 credits of 400-level TCSS electives.
        - No more than 10 credits of TCSS 497, TCSS 498, and TCSS 499 may be used to satisfy the elective requirement.
        - Students may also take up to 5 credits of a 400-level School of Engineering and Technology course (TEE, TCES, TINFO, TINST) and/or 5 credits of a 500-level TCSS course to count towards the elective requirement (categories 2 and 3 above).
- Other Requirements
    - TMATH 126
    - TMATH 308
    - TMATH 390
    - A lab based science course
    - An additional lab based science course OR an additional 300- or 400-level math course, except TMATH 210

Honors Graduation Requirements

- Completion of all degree requirements for the BS in CSS including:
    - Maintenance of a 3.6 GPA in the major (CSS courses starting with 305 and 321) by the time of the graduation
    - As part of the CSS electives requirement:
        - Completion of 10 credits of graded research in TCSS 499
            - The faculty adviser must be a full-time CSS faculty member. If a student is working on a research project in another unit or with a part-time faculty, they must have a full-time CSS faculty member approve the project and sign off on the thesis and presentation (in the rare instance where the advisor is not able to work with the student for the entire time, another faculty member within the same areas of research as the original advisor can become the advisor)
        - Completion of 5 credit hours of TCSS 440 (Formal Models in Computer Science) or a 400-level elective in the area of Senior Thesis
    - Submission and approval of Senior Thesis that meets the following criteria:
        - It should be a well-written, clearly presented document, typically 4000-6000 words, that follows SET Honors Thesis Guidelines,
        - It should reflect work done independently under the supervision of a faculty member, and
        - The thesis should be original and demonstrate creative thinking, as judged by the faculty advisor and CSS Program Chair (or chair's designee)
    - Oral presentation, arranged by a student and faculty advisor, on the honors project, with the faculty advisor, CSS Program Chair (or chair's designee), and at least five additional people (e.g., other students, faculty) to attend the presentation
- Applications should be submitted at the beginning of the quarter in which the student will have completed all honors requirements

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Additional Information

Program Educational Objectives

- The Computer Science and Systems program has six objectives for its BA and BS graduates. The career path a graduate takes will affect the accomplishments they achieve but within three to five years after graduation they should have accomplished some of the following:
  - Developed a product or process by applying knowledge of mathematics, computing, systems and development tools
  - Participated effectively as a member of a development team and undertaken leadership roles when appropriate.
  - Taken graduate courses or continuing education classes to improve skills and abilities
  - Made positive contributions to the community and society by applying skills and abilities learned during the undergraduate program in computing
  - Made decisions related to work that demonstrate an understanding of the importance of being an ethical computing professional
  - Applied communication skills to effectively promote ideas, goals, or products

Student Outcomes

- The Computing Accreditation Commission (CAC) has defined a set of educational outcomes that all graduates of computer science programs must meet. TCSCI students must demonstrate the following attributes and abilities by the time of graduation:
  - Analyze a complex computing problem and to apply principles of computing and other relevant disciplines to identify solutions.
  - Design, implement, and evaluate a computing-based solution to meet a given set of computing requirements in the context of the program's discipline.
  - Communicate effectively in a variety of professional contexts.
  - Recognize professional responsibilities and make informed judgments in computing practice based on legal and ethical principles.
  - Function effectively as a member or leader of a team engaged in activities appropriate to the program's discipline.
  - Apply computer science theory and software development fundamentals to produce computing-based solutions.

Academic Standards/Policies

- The following standards apply to all students in the Computer Science and Systems program. These standards may apply in addition to other academic standards at the University of Washington Tacoma.
  - Each required Computer Science and Systems course must be completed with a minimum grade of 2.0 before advancing to the next course. If a grade below 2.0 is earned, the course must be repeated. Course credit will be awarded only once, but both grades will be used in computing the cumulative grade point average. The higher grade will be used when computing the Computer Science and Systems major grade point average.
  - If a student does not achieve the required grade of 2.0 after repeating a required TCSS course, the student must request permission to take the course a third time. The petition to repeat a course and instructions are located on the School of Engineering and Technology website.
  - Courses in the Computer Science and Systems program may not be taken by correspondence (distance learning) without prior TCSS faculty approval.
  - Courses in the Computer Science and Systems program may not be taken as S/NS (satisfactory/not satisfactory).
  - If a student wishes to substitute a course taken at another institution for a CSS required course, the student must submit a Petition to Substitute a Course form along with course syllabi to their academic advisor. The CSS faculty will review the petition and inform the advisor if the substitution is approved. If a course is more than seven years old, the student will be required to repeat the course at UW Tacoma. Credit will not be awarded twice for the same course. A maximum of 15 credits may be awarded through course substitution.
  - Computer Science transfer courses are held to the same 2.0 grade standard required for all Computer Science and Systems coursework.
  - Current UW Tacoma students wishing to change to a Computer Science and Systems major from another major are required

to apply for admission to the major and must follow the major requirements in place at the time of admission.

Low Scholarship

- Any undergraduate Computer Science and Systems student who is dismissed from the University for Low Scholarship will be removed from the Computer Science and Systems major.
- Any undergraduate Computer Science and Systems student who is denied permission to repeat a required course, or who does not earn the required grade of a 2.0 or higher after repeating the course for a third time, will be removed from the Computer Science and Systems major
- After being removed from the Computer Science and Systems major, a student must re-apply for admission in order to continue as a CSS student in any status, matriculated or otherwise. The Admissions Committee will evaluate the student's application requesting re-admission, and any extenuating circumstances, and will then recommend action.

Computing Labs

- The School of Engineering and Technology has dedicated laboratories containing specialized equipment to support the Computer Science and Systems program. These laboratories are accessible to admitted Computer Science and Systems students via assigned key card 24 hours a day, seven days a week. Access to facilities is also available through Internet connections.

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⊖ Program of Study: Major: Electrical Engineering

Program Overview

The field of Electrical engineering deals with systems that use electric and electromagnetic energy. Sub-fields of electrical engineering include power systems, communication systems, signal processing, control systems, and electronics. The BS in Electrical Engineering (EE) program emphasizes circuit design for applications such as communication, signal processing, electromagnetics, controls, and embedded systems. The curriculum provides students with a rigorous grounding in the theoretical principles of Electrical Engineering as well as teaching practical skills in a collaborative learning environment. The curriculum for the BS degree in EE satisfies all the requirements of the Accreditation Board for Engineering and Technology (ABET).

This program of study leads to the following credential:

- Bachelor of Science in Electrical Engineering degree

Admission Requirements

The Electrical Engineering program admits qualified students once per year in the autumn quarter. Admission to the major is competitive. Please review the prerequisites and application process carefully. To be considered for admission all applicants must meet the following minimum qualifications:

- Completion of a minimum of 45 college-level credits
- Cumulative GPA of at least 2.00 in all college course work
- Completion of all pre-requisite coursework with a cumulative GPA of at least a 2.50 in all college math, science, computer science, and engineering course work. Only top marks will be considered when calculating GPA.
- Students transferring from a community college to this program are strongly encouraged to follow the Associate of Science Transfer Track 2.

Prerequisites

- All applicants must be admitted to the University of Washington Tacoma and are required to complete the following prerequisites before being accepted to the Electrical Engineering program.
  - Calculus I (TMATH 124 or MATH 124), Calculus II (TMATH 125 or MATH 125), Calculus III (TMATH 126 or MATH 126) (check the equivalency guide to see if calculus IV is needed)

- Differential Equations (TMATH 207 or MATH 207)
- Physics I (T PHYS 121 or PHYS 121), Physics II (T PHYS 122 or PHYS 122)
- Programming: 4-5 credits of Introduction to Computer Programming C, C++, Python, or JAVA based languages. TCSS 141 (5) or CSE 121 (4) are examples of an acceptable course
- Electrical Circuits TCES 215 or EE 215 or equivalent.

How to Apply

- All applicants must be admitted to the University of Washington Tacoma before applying to the major
- All students applying to the Electrical Engineering program must fill out a TEE major application form. Please visit the School of Engineering and Technology website for program application instructions. https://www.tacoma.uw.edu/set/school-engineering-technology-home
- Note: the Electrical Engineering program admits only once a year in the autumn quarter.

⊖ Bachelor of Science in Electrical Engineering degree

Completion Requirements

Graduation Requirements

- Be a matriculated Electrical Engineering student in good academic standing (cumulative grade point average of 2.00 or higher) with the University of Washington Tacoma.
- Complete all Electrical Engineering prerequisites and required course work with a minimum cumulative grade point average of 2.50 in those courses.
- A minimum 2.0 grade for each course applied to the major.
- Complete a minimum of 30 credits of Electrical Engineering required courses in residence at the University of Washington Tacoma.
- Apply for graduation in-person with an advisor two quarters before you expect to graduate.
- Required Core Courses: 103-106 credits
  - Electrical Engineering Fundamentals (5 credits)
    - TCES 230 (5)
  - Math/Theory (9-10 credits)
    - TCES 380 (5)
    - TMATH 208 (5) or MATH 208 (4) or equivalent
  - Physics III (T PHYS 123 or PHYS 123) (5-6 credits)
    - If Physics I, II, and III are completed and 18 credits is not achieved, the remaining credits may be satisfied by any lab-based science course
  - Ethics and Society (5 credits)
    - TEE 225 (5)
  - Computer Programming (4-5 credits)
    - 4-5 additional credits of Computer Programming C, C++, Python, or JAVA based languages. TCSS 142 (5) or CSE 122 (4) are examples of an acceptable course
  - Electrical Engineering (70 credits)
    - TCES 310 (5)
    - TCES 312 (5)
    - TEE 315 (4)
    - TEE 317 (5)
    - TEE 316 (5)
    - TCES 330 (5)
    - TEE 331 (4)
    - TEE 341 (4)
    - TEE 372 (3)

        - TEE 431 (5)
        - TEE 451 (5)
        - TCES 421 (5)
        - TEE 453 (5)
        - TEE 480 (2)
        - TEE 481 (4)
        - TEE 482 (4)
    - Electives: 5 credits; students may take 5 credits of 400-level TEE, TCES, or TCSS courses, and/or one 500-level TECE or TCSS courses to count towards the elective requirement.
        - See department website or advisor for approved list.

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Additional Information

Program Educational Objectives

- Program educational objectives, as defined by ABET are the abilities, skills, and accomplishments expected of graduates within a few years of graduation. The Program Educational Objectives of the Electrical Engineering program are as follows:
    - Within three to five years of graduation from the EE program, it is expected that many graduates will have:
        - Developed a complex product or process by applying their knowledge of engineering principles, science, mathematics, design and implementation.
        - Participated effectively as a member of a multi-disciplinary team.
        - Undertaken a leadership role applying communication skills to effectively promote their ideas, goals, or products.
        - Made decisions related to their work that demonstrate an understanding of the importance of being an ethical engineering professional.
        - Improved their skills and abilities by taking graduate courses, professional development training, or voluntary experiential learning opportunities.
        - Made positive contributions to their community and society by applying skills and abilities learned during their undergraduate program in electrical engineering.
    - Since the objectives are fairly broad, it is not expected that every graduate will achieve every objective.

Student Outcomes

- The Accreditation Board for Engineering and Technology (ABET) is a non-governmental organization that accredits post-secondary education programs in applied science, computing, engineering, and engineering technology. Students who complete the BSEE program will achieve the following ABET-based student outcomes:
    - An ability to identify, formulate, and solve complex engineering problems by applying principles of engineering, science, and mathematics.
    - An ability to apply engineering design to produce solutions that meet specified needs with consideration of public health, safety, and welfare, as well as global, cultural, social, environmental, and economic factors.
    - An ability to communicate effectively with a range of audiences.
    - An ability to recognize ethical and professional responsibilities in engineering situations and make informed judgments, which must consider the impact of engineering solutions in global, economic, environmental, and societal contexts.
    - An ability to function effectively on a team whose members together provide leadership, create a collaborative and inclusive environment, establish goals, plan tasks, and meet objectives.
    - An ability to develop and conduct appropriate experimentation, analyze and interpret data, and use engineering judgment to draw conclusions.
    - An ability to acquire and apply new knowledge as needed, using appropriate learning strategies.

Academic Standards/Policies

- The following standards apply to all students in the Electrical Engineering program. These standards may apply in addition to

other academic standards at the University of Washington Tacoma.

- If a student does not achieve the required minimum grade of 2.0 after repeating a required TEE course, the student must request permission to take the course a third time. The petition to repeat a course and instructions are located on the School of Engineering and Technology website at: tacoma.uw.edu/School of Engineering and Technology-technology/undergraduate-resources.
- If a student wishes to substitute a course, a Petition to Substitute a Course form and supporting documents must be submitted to the TEE faculty for approval. If a course is more than seven years old, the student will be required to repeat the course at UW Tacoma. Credit will not be awarded twice for the same course.
- Courses in the Electrical Engineering program may not be taken by correspondence (distance learning) without prior faculty approval.
- Courses in the Electrical Engineering program may not be taken S/NS (satisfactory/not satisfactory).
- Upper-division Electrical Engineering courses used for transfer credit are held to the same minimum 2.0 grade standard required for all courses in the Electrical Engineering major.
- Students changing to the Electrical Engineering major from another major will be required to meet program and academic performance requirements in effect at the time the major is changed.

Low Scholarship

- An undergraduate Electrical Engineering major who is dismissed from the university for low scholarship will be removed from the Electrical Engineering major.
- An undergraduate Electrical Engineering major who's petition to re-take a course for a third time is denied by TEE faculty, will be removed from the Electrical Engineering major.
- After being removed from the Electrical Engineering major, a student must re-apply for admission to continue as a TEE student in any status.

Engineering Labs

- The School of Engineering and Technology has dedicated laboratories containing specialized equipment to support its programs. These laboratories are accessible to admitted School of Engineering and Technology students via assigned key card 24 hours a day, seven days a week. Access to facilities is also available through Internet connections.

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⊖ Program of Study: Major: Information Technology

Program Overview

The Information Technology (IT) program offers a Bachelor of Science degree with two elective concentration options. The Information Technology degree covers a variety of IT topics. The specialization in Information Assurance and Cybersecurity provides a concentration consisting of a series of three elective courses in the area of cybersecurity policy. The specialization in Mobile Digital Forensics provides a concentration consisting of three courses in Mobile Digital Forensics. All degree options prepare students for a variety of positions in the field of Information Technology. The curriculum emphasizes IT application, deployment, configuration, and development and focuses more on the technical and less on the business aspects of IT. Students will gain hands-on experience by working in industry as part of their program. Graduates of the program are equipped to design, manage, and support highly technical and complex information systems.

This program of study leads to the following credentials:

- Bachelor of Science degree with a major in Information Technology
- Bachelor of Science degree with a major in Information Technology: Information Assurance and Cybersecurity
- Bachelor of Science degree with a major in Information Technology: Mobile Digital Forensics

Admission Requirements

The Information Technology program only admits once per year in the autumn quarter. To be considered for admission all applicants

must meet the following minimum qualifications:

- Completion of all prerequisite coursework with a minimum cumulative GPA of at least a 2.5 in those courses
- A cumulative GPA of at least 2.0 in all college course work
- Completion of a minimum of 45 college-level credits

Prerequisites

- TCSS 142 (5)
- TMATH 120 (5) or Pre-Calculus I & II at a community college

How to Apply to the Major

- All students applying to the Information Technology program must submit a completed major application form. Please visit the School of Engineering and Technology website for program application instructions.

⊖ Bachelor of Science degree with a major in Information Technology

Credential Overview

The Bachelor of Science in Information Technology (IT) prepares students for a variety of positions in the field of Information Technology. The curriculum emphasizes IT application, deployment, configuration, and development and focuses more on the technical and less on the business aspects of IT. Students will gain hands-on experience by working in industry as part of their program. Graduates of the program are equipped to design, manage, and support highly technical and complex information systems.

Completion Requirements

To qualify for graduation with a Bachelor of Science degree in Information Technology from the University of Washington Tacoma, a student must:

- Complete all Information Technology prerequisites and required coursework with a minimum cumulative grade point average of 2.5 in those courses.
- Be a matriculated Information Technology student in good academic standing (2.0 cumulative GPA or higher) with the University of Washington Tacoma
- Apply for graduation in-person with an advisor two quarters before you expect to graduate
- Required Core Courses
  - T INFO 200
  - T INFO 210
  - T INFO 220
  - T INFO 230
  - T INFO 240
  - T INFO 250
  - T INFO 320
  - T INFO 310
  - T INFO 360
  - T INFO 370
  - T INFO 452 or T INFO 457
  - TMATH 110
  - TWRT 291
  - TCSS 325
- Required Internship and Senior Project: 10 credits
  - T INFO 482
  - T INFO 497 or T INFO 481

- Senior Electives: 15 credits
  - See program website for courses.
- Options
  - Additional requirements specified below.

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⊖ Bachelor of Science degree with a major in Information Technology: Information Assurance and Cybersecurity

Credential Overview

The Bachelor of Science in Information Technology (IT) prepares students for a variety of positions in the field of Information Technology. The curriculum emphasizes IT application, deployment, configuration, and development and focuses more on the technical and less on the business aspects of IT. Students will gain hands-on experience by working in industry as part of their program. Graduates of the program are equipped to design, manage, and support highly technical and complex information systems.

Completion Requirements

To qualify for graduation with a Bachelor of Science degree in Information Technology from the University of Washington Tacoma, a student must:

- Complete all Information Technology prerequisites and required coursework with a minimum cumulative grade point average of 2.5 in those courses.
- Be a matriculated Information Technology student in good academic standing (2.0 cumulative GPA or higher) with the University of Washington Tacoma
- Apply for graduation in-person with an advisor two quarters before you expect to graduate
- Required Core Courses
  - T INFO 200
  - T INFO 210
  - T INFO 220
  - T INFO 230
  - T INFO 240
  - T INFO 250
  - T INFO 320
  - T INFO 310
  - T INFO 360
  - T INFO 370
  - T INFO 452 or T INFO 457
  - TMATH 110
  - TWRT 291
  - TCSS 325
- Required Internship and Senior Project: 10 credits
  - T INFO 482
  - T INFO 497 or T INFO 481
- Senior Electives: 15 credits
  - See program website for courses.
- Options
  - Additional requirements specified below.

Additional Completion Requirements

Option specific requirements (15 credits)

- T INFO 441
- T INFO 442
- T INFO 443

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⊖ Bachelor of Science degree with a major in Information Technology: Mobile Digital Forensics

Credential Overview

The Bachelor of Science in Information Technology (IT) prepares students for a variety of positions in the field of Information Technology. The curriculum emphasizes IT application, deployment, configuration, and development and focuses more on the technical and less on the business aspects of IT. Students will gain hands-on experience by working in industry as part of their program. Graduates of the program are equipped to design, manage, and support highly technical and complex information systems.

Completion Requirements

To qualify for graduation with a Bachelor of Science degree in Information Technology from the University of Washington Tacoma, a student must:

- Complete all Information Technology prerequisites and required coursework with a minimum cumulative grade point average of 2.5 in those courses.
- Be a matriculated Information Technology student in good academic standing (2.0 cumulative GPA or higher) with the University of Washington Tacoma
- Apply for graduation in-person with an advisor two quarters before you expect to graduate
- Required Core Courses
  - T INFO 200
  - T INFO 210
  - T INFO 220
  - T INFO 230
  - T INFO 240
  - T INFO 250
  - T INFO 320
  - T INFO 310
  - T INFO 360
  - T INFO 370
  - T INFO 452 or T INFO 457
  - TMATH 110
  - TWRT 291
  - TCSS 325
- Required Internship and Senior Project: 10 credits
  - T INFO 482
  - T INFO 497 or T INFO 481
- Senior Electives: 15 credits
  - See program website for courses.
- Options
  - Additional requirements specified below.

Additional Completion Requirements

Option specific requirements (15 credits)

- T INFO 444
- T INFO 445
- T INFO 446

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Additional Information

Program Educational Objectives

- The intent of the Information Technology program is to produce graduates who are able to achieve the following objectives:
  - Developed a product or process by applying knowledge of programming, web, database, human computer interaction, networking and security tools
  - Participated effectively as a member of a development team and undertaken leadership roles when appropriate
  - Taken graduate courses or continuing education classes to improve skills and abilities
  - Made positive contributions to community and society by applying skills and abilities learned during undergraduate program in information technology
  - Made decisions related to work that demonstrate understanding of the importance of being an ethical computing professional
  - Applied communication skills to effectively promote ideas, goals or products

Student Outcomes

- Students graduating from our information focused programs will be able to choose many different roles; becoming IT and IS consultants, project planners, project managers, interface designers, information systems researchers, web developers, and systems analysts. To emphasize, consider some of the general tasks that an information technology and systems specialist is likely to perform depending on where she works:
- Graduates of the program will have an ability to:
  - Analyze a complex computing problem and to apply principles of computing and other relevant disciplines to identify solutions.
  - Design, implement, and evaluate a computing-based solution to meet a given set of computing requirements in the context of the program's discipline.
  - Communicate effectively in a variety of professional contexts.
  - Recognize professional responsibilities and make informed judgments in computing practice based on legal and ethical principles.
  - Function effectively as a member or leader of a team engaged in activities appropriate to the program's discipline.
  - Identify and analyze user needs and to take them into account in the selection, creation, integration, evaluation, and administration of computing-based systems. [IT]

Academic Standards/Policies

The following standards apply to all students in the Information Technology program. These standards may apply in addition to other academic standards at the University of Washington Tacoma.

- Each required prerequisite course as well as each required IT course must be completed with a minimum grade of 2.0 before advancing to the next course. If a grade below 2.0 is earned, the course must be repeated. Course credit will be awarded only once, but both grades will be used in computing the grade point average. The higher grade will be used when computing the IT major grade point average.
- If after repeating a required IT course a student does not achieve the required grade of 2.0, the student must request permission to take the course a third time. The Petition to Repeat a Course form and instructions are located on the **School of Engineering and Technology**
- Courses in the Information Technology program may not be taken by correspondence (distance learning) without prior faculty approval.

- Courses in the Information Technology program may not be taken S/NS (satisfactory/not satisfactory).
- If a student wishes to substitute a course taken at another institution for a required Information Technology course, the student must submit a **Petition to Substitute a Course** form along with course syllabi to their academic advisor. The IT faculty will review the petition and inform the advisor if the substitution is approved. If a course is more than seven years old, the student will be required to repeat the course at UW Tacoma. Credit will not be awarded twice for the same course. A maximum of 15 credits may be awarded through course substitution.
- Information Technology transfer courses are held to the 2.0 grade standard required for all courses for Information Technology.
- Current UW Tacoma students wishing to change to an Information Technology major from another major are required to apply for admission to the major and must follow the major requirements in place at the time of admission.

Low Scholarship

- Any undergraduate Information Technology student who is dismissed from the University for Low Scholarship will be removed from the Information Technology major.
- Any undergraduate Information Technology student who is denied permission to repeat a required course, or who does not earn the required grade of a 2.0 or higher after repeating the course for a third time, will be removed from the Information Technology major
- After being removed from the Information Technology major, a student must re-apply for admission in order to continue as an IT student in any status, matriculated or otherwise. The Admissions Committee will evaluate the student's application requesting re-admission, and any extenuating circumstances, and will then recommend action.

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⊖ Program of Study: Major: Mechanical Engineering

Program Overview

The Mechanical Engineering program equips students with the skills and experience to apply principles of engineering, basic science and math to model, analyze, design and realize physical systems. Courses include thermal systems, mechatronics and machine design. Prepares students for careers in biomechanics, energy systems, manufacturing, aerospace, robotics or graduate study.

This program of study leads to the following credential:

- Bachelor of Science in Mechanical Engineering degree

Admission Requirements

- To be considered for admission all applicants must meet the following minimum qualifications:
  - Completion of a minimum of 45 college-level credits
  - Cumulative GPA of at least 2.00 in all college course work
  - Completion of all prerequisite coursework with a cumulative GPA of at least a 2.50 in all college math, science, computer science, and engineering course work. The minimum acceptable grade in a prerequisite course is 2.0. Only top marks will be considered when calculating GPA.
- Students transferring from a community college to this program are strongly encouraged to follow the Associate of Science Transfer Track 2.
- Prerequisites
  - All applicants must be admitted to the University of Washington Tacoma and are required to complete the following prerequisites before being accepted to the Mechanical Engineering program.
  - TMATH 124 or MATH 124, TMATH 125 or MATH 125, and TMATH 126 or MATH 126
  - TMATH 207 or MATH 207
  - TMATH 224 or MATH 224
  - T PHYS 121 or PHYS 121 , T PHYS 122 or PHYS 122, and TPHYS 123 or PHYS 123
    - If Physics I, II and III are completed and 18 quarter credits are not achieved, the remaining credits may be satisfied by any lab-based science course.

    - T CHEM 142 or CHEM 142
    - TME 221 or A A 210
    - TME 222 or CEE 220
    - TME 223 or M E 230
    - Programming: 5 credits of Introduction to Computer Programming C, C++, Python, MATLAB, or JAVA based languages. TCSS 142 is an example of one such course (5)
    - Must meet the minimum cumulative GPA of at least a 2.50 in all required prerequisite coursework. Students with previous baccalaureate degrees or extensive work experience should meet with an adviser to discuss options.
- How to Apply to the Major
    - All applicants must be admitted to the University of Washington Tacoma before applying to the major.
    - All students applying to the Mechanical Engineering program must fill out a TME major application form. Admission to the major is competitive. Please visit the School of Engineering and Technology website for program application instructions.
    - Note: The Mechanical Engineering program admits only once a year in the autumn quarter.

⊖ Bachelor of Science in Mechanical Engineering degree

Credential Overview

Mechanical engineering plays a critical role in the development of new inter-disciplinary fields such as alternative energies, electric cars, robotics, material science and nano-technology, and manufacturing.

Completion Requirements

To qualify for graduation with a Bachelor of Science in Mechanical Engineering from the University of Washington Tacoma, a student must:

- Be a matriculated Mechanical Engineering student in good academic standing (cumulative grade point average of 2.00 or higher) with the University of Washington Tacoma.
- A minimum 2.0 grade for each course applied to the major.
- Complete all Mechanical Engineering prerequisites and required course work with a minimum cumulative grade point average of 2.50 in those courses.
- Complete a minimum of 30 credits of ME required courses in residence at the University of Washington Tacoma.
- Apply for graduation in-person with an advisor two quarters before you expect to graduate.

- Required Core Courses: 79
    - TCES 215 (5) (must have AC/DC at community colleges).
    - TEE 225 (5)
    - TME 351 (3)
    - TME 403 (2)
    - TME 310 (2)
    - TME 311 (2)
    - TME 315 (5)
    - TME 320 (4)
    - TME 331 (5)
    - TME 332 (5)
    - TME 341 (5)

- TME 342 (5)
- TME 345 (3)
- TME 373 (5)
- TME 433 (5)
- TME 435 (4)
- TME 441 (5)
- TME 480 (2)
- TME 481 (3)
- TME 482 (4)

- Electives: 15 credits
  - See department website or advisor for approved list.

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Additional Information

Program Educational Objectives

The faculty of the University of Washington Tacoma Mechanical Engineering program strive to serve our students and other constituents by continuously improving our educational program. We envision that:

1. Our graduates will thrive in careers that utilize scientific principles, professional skills, and technical innovation.

2. Our graduates will be prepared to advance their studies through professional development, certifications, or postgraduate degrees.

3. Our graduates will pursue excellence in collaboration and leadership with an emphasis on the importance of transformational diversity/equity, integrity, and respect as they create work of value for their communities and society.

Student Outcomes

- The new BSME degree program will seek accreditation through ABET. Students who complete the program would achieve the following ABET-based learning outcomes:
  - An ability to identify, formulate, and solve complex engineering problems by applying principles of engineering, science, and mathematics
  - An ability to apply engineering design to produce solutions that meet specified needs with consideration of public health, safety, and welfare, as well as global, cultural, social, environmental, and economic factors
  - An ability to communicate effectively with a range of audiences
  - An ability to recognize ethical and professional responsibilities in engineering situations and make informed judgments, which must consider the impact of engineering solutions in global, economic, environmental, and societal contexts
  - An ability to function effectively on a team whose members together provide leadership, create a collaborative and inclusive environment, establish goals, plan tasks, and meet objectives
  - An ability to develop and conduct appropriate experimentation, analyze and interpret data, and use engineering judgment to draw conclusions
  - An ability to acquire and apply new knowledge as needed, using appropriate learning strategies

Academic Standards/Policies

- The following standards apply to all students in the Mechanical Engineering program. These standards may apply in addition to other academic standards at the University of Washington Tacoma.
    - Each required TME course must be completed with a minimum grade of 2.0. If a grade below 2.0 is earned, the course must be repeated. Course credit will be awarded only once, but both grades will be used in computing the cumulative grade point average. The higher grade will be used when computing the ME major grade point average.
    - If a student does not achieve the required grade of 2.0 after repeating a required TME course, the student must request permission to take the course a third time. The petition to repeat a course and instructions are located on the School of Engineering and Technology website.
    - Courses in the Mechanical Engineering program may not be taken by correspondence (distance learning) without prior ME faculty approval.
    - Courses in the Mechanical Engineering program may not be taken as S/NS (satisfactory/not satisfactory).
    - If a student wishes to substitute a course taken at another institution for a TME required course, the student must submit a Petition to Substitute a Course form along with course syllabi to their academic advisor. The ME faculty will review the petition and inform the advisor if the substitution is approved. If a course is more than seven years old, the student will be required to repeat the course at UW Tacoma. Credit will not be awarded twice for the same course. A maximum of 15 credits may be awarded through course substitution.
    - Mechanical Engineering transfer courses are held to the same 2.0 grade standard required for all Mechanical Engineering coursework.
    - Current UW Tacoma students wishing to change to a Mechanical Engineering major from another major are required to apply for admission to the major and must follow the major requirements in place at the time of admission.

Low Scholarship

- Any undergraduate Mechanical Engineering student who is dismissed from the University for Low Scholarship will be removed from the Mechanical Engineering major.
- Any undergraduate Mechanical Engineering student who is denied permission to repeat a required course, or who does not earn the required grade of a 2.0 or higher after repeating the course for a third time, will be removed from the Mechanical Engineering major.
- After being removed from the Mechanical Engineering major, a student must re-apply for admission in order to continue as an ME student in any status, matriculated or otherwise. The Admissions Committee will evaluate the student's application requesting re-admission, and any extenuating circumstances, and will then recommend action.

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⊖ Program of Study: Minor: Applied Computing

Program Overview

The minor in Applied Computing is designed for students who want to be sophisticated users of computing technology and integrate these skills into his or her major field.

This program of study leads to the following credential:

- Minor in Applied Computing

⊖ Minor in Applied Computing

Credential Overview

The minor in Applied Computing is designed for students who want to be sophisticated users of computing technology and integrate these skills into his or her major field. The minor curriculum provides a thorough grounding in computing applications and principles. It also provides the student the opportunity to work with key technologies such as database management and computer networks. The minor in Applied Computing is open to all students and does not require computer proficiency or prerequisites.

Completion Requirements

Requirements: 25 credits

- Required Core Courses: 15 credits
  - T INST 310
  - T INST 311
  - T INST 312
- Elective Courses: 10 credits
  - See the School of Engineering and Technology website for a list of approved courses.

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Graduate Programs

School of Engineering and Technology

Program of Study: Doctor of Philosophy (Computer Science and Systems)

Program Overview

The PhD degree in Computer Science and Systems is designed to develop scholars, educators, and interdisciplinary researchers who focus on computing principles for breadth, to become experts in one of many interdisciplinary areas in science and society characterized by substantial engineering and technology challenges requiring significant domain expertise to solve. The curriculum is built upon the existing Master's in Computer Science and Systems program (MSCSS) at UW Tacoma. Graduates from the PhD in Computer Science and Systems program will be scholars and contributors to local growth and use-inspired innovation. The program builds advanced computing knowledge, augments critical thinking skills, and helps inquiry, questioning and abstraction towards tool development while contributing to theoretical advances in the area of the student's emphasis. The curriculum includes courses in traditional areas of computer science, such as advanced algorithms and distributed computing, as well as courses in high demand fields where SET's faculty have strong expertise, such as machine learning, cryptography, cloud computing, and bioinformatics. Graduates of this program will be leaders and advanced explorers able to bridge the gap between technological and societal demands through collaborative research.

This program of study leads to the following credential:

- Doctor of Philosophy (Computer Science & Systems)

Recommended Preparation

Prerequisite Coursework
As the PhD program builds upon the existing MSCSS program, the prerequisite coursework requirements are the same as for the MSCSS program. All students admitted to the MSCSS program (and hence the PhD program) are expected to have competency in the following areas:

- Object-Oriented Programming (equivalent to TCSS 142, TCSS 143 and TCSS 305)
- Discrete Mathematics (equivalent to TCSS 321)
- Data Structures (equivalent to TCSS 342)
- Algorithms (equivalent to TCSS 343)
- Program Management/Software Engineering (equivalent to TCSS 360)
- Computer Organization (equivalent to TCSS 371)
- Computer Architecture (equivalent to TCSS 372)
- Calculus
- Science (Physics preferred)

Admission Requirements

Please see this program's Graduate Admissions Page for current requirements.

⊖ Doctor of Philosophy (Computer Science & Systems)

Completion Requirements

90 credits

1. *Master of Science in Computer Science and Systems Requirements (40 credits):*
    1. TCSS 543 or TCSS 540
    2. TCSS 558
    3. TCSS 598 (5 credits total)
    4. 15 credits of 500-level TCSS elective courses (510 or above). Course list maintained internally by the program.
    5. TCSS 700 (10 credits)
2. *Additional Coursework (20 credits):* 500-level TCSS elective courses, chosen from at least 3 different concentrations. Course list maintained internally by the program.
3. *Dissertation (30 credits):* TCSS 800

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Additional Information

- **Program Learning Outcomes**
  Upon successful completion of the PhD in Computer Science and Systems program, graduates will be able to:
    - Read, understand, and evaluate professional literature on advanced topics in computer science
    - Use current techniques, skills, and tools necessary for computing practice
    - Independently conduct original research by identifying important computer science problems (e.g. performing a gap analysis), developing solutions through creative problem-solving and rigorous design, designing and performing experimental evaluation, and conducting rigorous analyses of results
    - Communicate computer science concepts in verbal and written forms to effectively
    - Disseminate results to a technical audience
    - For more information, please visit the School of Engineering and Technology website.

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⊖ Program of Study: Graduate Certificate In Software Development Engineering

Program Overview

In this six-course graduate certificate program, students will build on basic computer programming knowledge to learn the best practices of software development and design while learning to implement these practices as software engineers. Over the course of a year, students will learn the core concepts of computer science spanning from fundamental data structures and algorithms, to software engineering, to object-oriented and systems programming through lectures and hands-on labs. The program concludes with a project-based capstone course emphasizing team-oriented full stack development. The ultimate goal is to provide graduates with a practicum in software development to help augment and advance their existing career or continue to a master's program in computer science to facilitate a transition into a career in software development.

This program of study leads to the following credential:

- Graduate Certificate in Software Development Engineering

Admission Requirements

Contact department for requirements.

⊖ Graduate Certificate in Software Development Engineering

Completion Requirements

18 credits

1. *Required Coursework (18 credits):* TCSS 501, TCSS 502, TCSS 503, TCSS 504, TCSS 505, TCSS 506

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Additional Information

- *Student Learning Outcomes*
  Upon completion of this GC-SDE program, students will be able to:
  - Solve computer-programming problems by applying commonly used algorithms and data structures.
  - Implement computer programs using a modern high-level programming language.
  - Explain fundamental concepts in software engineering and software design.
  - Acquire hands-on collaborative, software development project experience using version control and configuration management tools.
  - Apply computer systems concepts in support of software development.

For more information, please visit the School of Engineering and Technology website.

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⊖ Program of Study: Master Of Cybersecurity And Leadership

Program Overview

The MCL is designed for mid-career professionals and military personnel with a technical background and work experience, and a regionally accredited bachelor's degree. Applicants are seeking a competitive advantage for advancement in the military, in government agencies, and in the private sector for leadership positions in the growth area of cybersecurity operations. The MCL program provides graduates with the technical competencies and managerial skills necessary for leading technology professionals and organizations in the 21st century. The MCL program provides a thorough knowledge base for managers and technology leaders concerned with the design, development, implementation, operation, and management of cybersecurity systems, and the protection of an organization's information assets. Graduates will have the necessary skills to effect organizational change and protect companies from cyber threats. More information can be found at the departmental website: www.tacoma.uw.edu/set/programs/graduate/mcl

This program of study leads to the following credential:

- Master Of Cybersecurity And Leadership (fee-based)

Admission Requirements

Please see this program's Graduate Admissions Page for current requirements.

Continuation Policy

Students are required to maintain satisfactory progress meeting the university and program standards relative to scholarship and performance in pursuit of the master's degree, including each of the following:

- Maintain a cumulative 3.0 GPA
- Earn a quarterly GPA of 3.00 or higher
- Earn a grade of 2.7 or higher in each required course

⊖ Master Of Cybersecurity And Leadership (fee-based)

Completion Requirements

40 credits

1. *Required courses (40 credits):* TCSL 510, 520, 530, 540, 550, 560, 570, 580, 591, 592

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⊖ Program of Study: Master Of Science In Computer Science And Systems

Program Overview

The master's degree in Computer Science and Systems at University of Washington Tacoma is designed for advanced careers in the technology industry and to prepare students to enter a Ph.D. program in computer science. Those with a master's degree in computer science typically earn 25 to 30 percent higher starting salaries than those with bachelor's degrees, according to a report by the U.S. Bureau of Labor Statistics. The degree requires 40-45 credits, depending on the various degree options.

This program of study leads to the following credentials:

- Master Of Science In Computer Science And Systems
- Master Of Science In Computer Science And Systems (Bioinfomatics) (electives)
- Master Of Science In Computer Science And Systems (Bioinfomatics) (project or thesis)
- Master of Science in Computer Science and Systems (BS/MS)
- Master Of Science In Computer Science And Systems (Cyber-Physical Systems) (electives)
- Master Of Science In Computer Science And Systems (Cyber-Physical Systems) (project or thesis)
- Master Of Science In Computer Science And Systems (Cybersecurity) (electives)
- Master Of Science In Computer Science And Systems (Cybersecurity) (project or thesis)
- Master Of Science In Computer Science And Systems (Data Science) (electives)
- Master Of Science In Computer Science And Systems (Data Science) (project or thesis)
- Master Of Science In Computer Science And Systems (Distributed Systems) (Electives)
- Master Of Science In Computer Science And Systems (Distributed Systems) (Project/Thesis)
- Master Of Science In Computer Science And Systems (electives)
- Master Of Science In Computer Science And Systems (Geographical Information Systems) (electives)
- Master Of Science In Computer Science And Systems (Geographical Information Systems) (project or thesis)

Admission Requirements

Please see this program's Graduate Admissions Page for specific requirements.

Continuation Policy

Students are required to maintain satisfactory progress meeting the university and program standards relative to scholarship and performance in pursuit of the master's degree, including each of the following:

- Maintain a cumulative 3.0 GPA
- Earn a quarterly GPA of 3.00 or higher
- Earn a grade of 2.7 or higher in each required course
- Make adequate progress with the thesis or capstone project, if pursuing this option, as demonstrated by the faculty advisor or committee chair, including interest, responsibility in working toward completion of project or thesis, and number of credits taken before a proposal has been approved.

⊖ Master Of Science In Computer Science And Systems

Completion Requirements

40-45 credits, depending on option

1. *Core Courses (15 credits):*
    a. TCSS 543 or TCSS 540
    b. TCSS 558
    c. TCSS 598 (5 credits total)
2. *Option-Specific (25-30 credits, depending on option):* See additional requirements for option-specific requirements.

Additional Completion Requirements

Option-specific requirements (25 credits)

1. *Electives (15 credits):* 500-level TCSS coursework. Course list maintained internally by the program. Max 5 credits Research Seminar/Independent Study substitution course may apply.
2. *Thesis or Capstone (10 credits):* TCSS 700 or TCSS 702

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⊖ Master Of Science In Computer Science And Systems (Bioinfomatics) (electives)

Completion Requirements

40-45 credits, depending on option

1. *Core Courses (15 credits):*
    a. TCSS 543 or TCSS 540
    b. TCSS 558
    c. TCSS 598 (5 credits total)
2. *Option-Specific (25-30 credits, depending on option):* See additional requirements for option-specific requirements.

Additional Completion Requirements

Option-specific requirements (30 credits)

1. *Bioinformatics Option Courses (20* credits): Course list maintained internally by the program.
2. *Electives (10 credits):* 500-level TCSS coursework. Course list maintained internally by the program.

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⊖ Master Of Science In Computer Science And Systems (Bioinfomatics) (project or thesis)

Completion Requirements

40-45 credits, depending on option

1. *Core Courses (15 credits):*
    a. TCSS 543 or TCSS 540
    b. TCSS 558
    c. TCSS 598 (5 credits total)

2. *Option-Specific (25-30 credits, depending on option):* See additional requirements for option-specific requirements.

Additional Completion Requirements

Option-specific requirements (25 credits)

1. *Bioinformatics Option (20 credits):*
    a. *Courses (10 credits):* Course list maintained internally by the program.
    b. *Thesis or Capstone (10 credits):* TCSS 700 or TCSS 702 - department must approve of thesis or project fit within option.
2. *Electives (5 credits):* Course list maintained internally by the program.

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⊖ Master of Science in Computer Science and Systems (BS/MS)

Completion Requirements

40-45 credits, depending on option

1. *Core Courses (15 credits):*
    a. TCSS 543 or TCSS 540
    b. TCSS 558
    c. TCSS 598 (5 credits total)
2. *Option-Specific (25-30 credits, depending on option):* See additional requirements for option-specific requirements.

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⊖ Master Of Science In Computer Science And Systems (Cyber-Physical Systems) (electives)

Completion Requirements

40-45 credits, depending on option

1. *Core Courses (15 credits):*
    a. TCSS 543 or TCSS 540
    b. TCSS 558
    c. TCSS 598 (5 credits total)
2. *Option-Specific (25-30 credits, depending on option):* See additional requirements for option-specific requirements.

Additional Completion Requirements

Option-specific requirements (30 credits)

1. *Cyber-Physical Systems Option Courses (20* credits): Course list maintained internally by the program.
2. *Electives (10 credits):* 500-level TCSS coursework. Course list maintained internally by the program.

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⊖ Master Of Science In Computer Science And Systems (Cyber-Physical Systems) (project or thesis)

Completion Requirements

40-45 credits, depending on option

1. *Core Courses (15 credits):*
    a. TCSS 543 or TCSS 540

b. TCSS 558
c. TCSS 598 (5 credits total)

2. *Option-Specific (25-30 credits, depending on option):* See additional requirements for option-specific requirements.

Additional Completion Requirements

Option-specific requirements (25 credits)

1. *Cyber-Physical Systems Option Courses (20 credits):*
    1. *Courses (10 credits):* Course list maintained internally by the program.
    2. *Thesis or Capstone (10 credits):* TCSS 700 or TCSS 702 - department must approve of thesis or project fit within option.
2. *Electives (5 credits):* 500-level TCSS coursework. Course list maintained internally by the program.

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⊖ Master Of Science In Computer Science And Systems (Cybersecurity) (electives)

Completion Requirements

40-45 credits, depending on option

1. *Core Courses (15 credits):*
    a. TCSS 543 or TCSS 540
    b. TCSS 558
    c. TCSS 598 (5 credits total)
2. *Option-Specific (25-30 credits, depending on option):* See additional requirements for option-specific requirements.

Additional Completion Requirements

Option-specific requirements (30 credits)

1. *Cybersecurity Option Courses (20* credits): Course list maintained internally by the program.
2. *Electives (10 credits):* 500-level TCSS coursework. Course list maintained internally by the program.

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⊖ Master Of Science In Computer Science And Systems (Cybersecurity) (project or thesis)

Completion Requirements

40-45 credits, depending on option

1. *Core Courses (15 credits):*
    a. TCSS 543 or TCSS 540
    b. TCSS 558
    c. TCSS 598 (5 credits total)
2. *Option-Specific (25-30 credits, depending on option):* See additional requirements for option-specific requirements.

Additional Completion Requirements

Option-specific requirements (25 credits)

1. *Cybersecurity Option (20 credits):*
    a. *Courses (10 credits):* Course list maintained internally by the program.
    b. *Thesis or Capstone (10 credits):* TCSS 700 or TCSS 702 - department must approve of thesis or project fit within option.
2. *Electives (5 credits):* 500-level TCSS coursework. Course list maintained internally by the program.

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⊖ Master Of Science In Computer Science And Systems (Data Science) (electives)

Completion Requirements

40-45 credits, depending on option

1. *Core Courses (15 credits):*
    a. TCSS 543 or TCSS 540
    b. TCSS 558
    c. TCSS 598 (5 credits total)
2. *Option-Specific (25-30 credits, depending on option):* See additional requirements for option-specific requirements.

Additional Completion Requirements

Option-specific requirements (30 credits)

1. *Data Science Option Courses (20* credits): Course list maintained internally by the program.
2. *Electives (10 credits):* 500-level TCSS coursework. Course list maintained internally by the program.

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⊖ Master Of Science In Computer Science And Systems (Data Science) (project or thesis)

Completion Requirements

40-45 credits, depending on option

1. *Core Courses (15 credits):*
    a. TCSS 543 or TCSS 540
    b. TCSS 558
    c. TCSS 598 (5 credits total)
2. *Option-Specific (25-30 credits, depending on option):* See additional requirements for option-specific requirements.

Additional Completion Requirements

Option-specific requirements (25 credits)

1. *Data Science Option (20 credits):*
    a. *Courses (10 credits):* Course list maintained internally by the program.
    b. *Thesis or Capstone (10 credits):* TCSS 700 or TCSS 702 - department must approve of thesis or project fit within option.
2. *Electives (5 credits):* 500-level TCSS coursework. Course list maintained internally by the program.

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⊖ Master Of Science In Computer Science And Systems (Distributed Systems) (Electives)

Completion Requirements

40-45 credits, depending on option

1. *Core Courses (15 credits):*
    a. TCSS 543 or TCSS 540
    b. TCSS 558
    c. TCSS 598 (5 credits total)

2. *Option-Specific (25-30 credits, depending on option):* See additional requirements for option-specific requirements.

Additional Completion Requirements

Option-specific requirements (30 credits)

1. *Distributed Systems Option Courses (20* credits): Course list maintained internally by the program.
2. *Electives (10 credits):* 500-level TCSS coursework. Course list maintained internally by the program.

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⊖ Master Of Science In Computer Science And Systems (Distributed Systems) (Project/Thesis)

Completion Requirements

40-45 credits, depending on option

1. *Core Courses (15 credits):*
    a. TCSS 543 or TCSS 540
    b. TCSS 558
    c. TCSS 598 (5 credits total)
2. *Option-Specific (25-30 credits, depending on option):* See additional requirements for option-specific requirements.

Additional Completion Requirements

Option-specific requirements (25 credits)

1. *Distributed Systems Option (20 credits):*
    1. *Courses (10 credits):* Course list maintained internally by the program.
    2. *Thesis or Capstone (10 credits):* TCSS 700 or TCSS 702 - department must approve of thesis or project fit within option.
2. *Electives (5 credits):* 500-level TCSS coursework. Course list maintained internally by the program.

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⊖ Master Of Science In Computer Science And Systems (electives)

Completion Requirements

40-45 credits, depending on option

1. *Core Courses (15 credits):*
    a. TCSS 543 or TCSS 540
    b. TCSS 558
    c. TCSS 598 (5 credits total)
2. *Option-Specific (25-30 credits, depending on option):* See additional requirements for option-specific requirements.

Additional Completion Requirements

Option-specific requirements (30 credits)

1. *Electives (30 credits):* 500-level TCSS coursework. Course list maintained internally by the program. Max 5 credits Research Seminar/Independent Study substitution course may apply.

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⊖ Master Of Science In Computer Science And Systems (Geographical Information Systems) (electives)

Completion Requirements

40-45 credits, depending on option

1. *Core Courses (15 credits):*
    a. TCSS 543 or TCSS 540
    b. TCSS 558
    c. TCSS 598 (5 credits total)
2. *Option-Specific (25-30 credits, depending on option):* See additional requirements for option-specific requirements.

Additional Completion Requirements

Option-specific requirements (30 credits)

1. *Geographical Information Systems Option Courses (20* credits): Course list maintained internally by the program.
2. *Electives (10 credits):* 500-level TCSS coursework. Course list maintained internally by the program.

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⊖ Master Of Science In Computer Science And Systems (Geographical Information Systems) (project or thesis)

Completion Requirements

40-45 credits, depending on option

1. *Core Courses (15 credits):*
    a. TCSS 543 or TCSS 540
    b. TCSS 558
    c. TCSS 598 (5 credits total)
2. *Option-Specific (25-30 credits, depending on option):* See additional requirements for option-specific requirements.

Additional Completion Requirements

Option-specific requirements (25 credits)

1. *Geographical Information Systems Option (20 credits):*
    1. *Courses (10 credits):* Course list maintained internally by the program.
    2. *Thesis or Capstone (10 credits):* TCSS 700 or TCSS 702 - department must approve of thesis or project fit within option.
2. *Electives (5 credits):* 500-level TCSS coursework. Course list maintained internally by the program.

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Additional Information

- **Independent Study (TCSS 600):** After taking the core courses, a student may develop a strong interest in a specific area of computer science that is not covered in any elective course being offered. In this case, the student may propose to substitute an independent study course for an elective course. To do this, the student must first find a faculty member who will supervise the independent study and then submit the proposed plan of study to
  the Graduate Committee for approval in the quarter prior to being undertaken.
- **Graduate Non-matriculated (GNM) Status:** Graduate non-matriculated (GNM) enrollment is beneficial to those who are interested in professional development or beginning work toward a graduate degree. A GNM is a post-baccalaureate student who wants to take graduate courses, but who has not been admitted by the Graduate School to a degree program. GNM status allows qualified students to earn graduate credits in an area of interest. A total of
  12 credits can apply toward a graduate degree. This status is not available to international students on F1 visas. Acceptance as a GNM student does not imply nor does it confer priority for later admission to the Graduate School for pursuit of a degree. GRE

scores are not required to apply for GNM status.

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Program of Study: Master of Science in Electrical and Computer Engineering

Program Overview

M.S. in Electrical & Computer Engineering (MSECE) students investigate topics in advanced computer architecture and digital and embedded control systems and signal processing for careers in processor design, wireless communication and power systems and security. The M.S. in ECE degree emphasizes industry-sought cutting edge knowledge and critical skills in electrical and computer engineering. The curriculum includes courses in advanced computer architecture, advanced digital systems, advanced embedded control systems and signal processing, RF microelectronics, wireless communication, power systems, as well as cryptography and implementation of cryptographic systems.

This program of study leads to the following credential:

- Master of Science in Electrical and Computer Engineering

Admission Requirements

See this program's Graduate Admissions page for current requirements.

Master of Science in Electrical and Computer Engineering

Completion Requirements

45 credits

Complete thesis option or coursework-only option

Thesis Option:

1. *Breadth courses (15 credits):* 500-level TECE courses from the Core (breadth) course list, course list maintained internally by the program.
2. *Depth courses (15 credits):* 500-level TECE courses from the Electives (depth) course list, course list maintained internally by the program.
3. *Thesis (9-15 credits):* TECE 700
4. Additional credit to reach required credit total from the Depth or Breadth lists. 5 credits 400-level or above from non-TECE, TEE, CES may apply.

Coursework-only Option:

1. *Breadth courses (15 credits):* 500-level TECE courses from the Core (breadth) course list, course list maintained internally by the program.
2. *Depth courses (20 credits):* 500-level TECE courses from the Electives (depth) course list, course list maintained internally by the program.
3. *Capstone (5 credits):* TECE 599
4. Additional credit to reach required credit total from the Depth or Breadth lists. 5 credits 400-level or above from non-TECE, TEE, CES may apply.

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Additional Information

Educational Objectives

- MSECE graduates will be able to:
  - Design complex engineering devices by applying advanced technology, engineering methodologies and tools.
  - Develop deeper understanding of a subfield of ECE.
  - Communicate professionally and effectively.
  - Collaborate effectively on professional or research teams (Thesis/Coursework-only options).

Learning Outcomes

- MSECE graduates will be able to:
  - Master a specific subfield of study within electrical and computer engineering.
  - Identify, formulate, and solve complex engineering problems by applying advanced technology, engineering methodologies and tools.
  - Design and validate a complex device or process that meets realistic constraints.
  - Communicate professionally and effectively with a range of audiences.
  - Collaborate on projects.

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⊖ Program of Study: Master of Science in Information Technology

Program Overview

The MS in Information Technology (MSIT) program at the University of Washington's Tacoma campus is designed to prepare students for successful professional careers that advance the information technology industries and communities both locally and globally. Through a combination of specialized knowledge, hands-on practical experience, and theoretical applications, MSIT students will further their professional development and diversity their employment opportunities. MSIT graduates will be qualified to serve as advanced IT experts and leaders in business, manufacturing, operations, healthcare, government agencies, and other organizations. Students who select the thesis degree-completion option may be eligible for a PhD program in Information Technology post-graduation.

This program of study leads to the following credentials:

- Master of Science in Information Technology
- Master of Science in Information Technology (Electives)

Admission Requirements

BS in Information Technology, Computer Science, or related STEM field, such as Cybersecurity or Data Science, from a regionally accredited higher-education institution in the United States with a minimum, 3.00/B recalculated, admit-GPA or its international equivalent.

All non-native English speakers must demonstrate English Language Proficiency (ELP). See Policy 3.2 from the UW Graduate School for detailed instructions about the ELP requirement, options for demonstrating ELP, and how to submit official test scores.

Depending on their previous coursework, relevant professional work experience, and/or industry certifications, applicants without a BS degree in Information Technology, Computer Science, or related STEM field may be eligible to apply for MSIT.

⊖ Master of Science in Information Technology

Completion Requirements

Core Courses (15 credits): TINFO 501, TINFO 502, TINFO 503

Depth Courses (20 credits). Choose 4 course from: TINFO 510, TINFO 520, TINFO 530, TINFO 540, TINFO 550, TINFO 560, TINFO 570, TINFO 580, TINFO 590

Thesis/Capstone Project (10 credits): TINFO 700 or TINFO 702

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⊖ Master of Science in Information Technology (Electives)

Completion Requirements

Core Courses (15 credits): TINFO 501, TINFO 502, TINFO 503

Depth Courses (20 credits). Choose 4 course from: TINFO 510, TINFO 520, TINFO 530, TINFO 540, TINFO 550, TINFO 560, TINFO 570, TINFO 580, TINFO 590

Thesis/Capstone Project (10 credits): TINFO 700 or TINFO 702

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School of Interdisciplinary Arts & Sciences

The School of Interdisciplinary Arts and Sciences is divided into three departments, each containing related programs and degrees.

School of Interdisciplinary Arts & Sciences
Contact Information
Phone: (253) 692-4450
Email: iashelp@uw.edu
SIAS Website

General Education Requirements for SIAS

As part of the degree requirements, students must complete approximately **85 credits** of general education course work:

English Composition (C)	5 credits	
Writing (W)	10 credits	One course may be part of the major requirements for students in majors such as Communication, History (all tracks), PP&E (all tracks), Law & Policy, Psychology, and Writing Studies
Reasoning (RSN)	5 credits	Courses such as Macroeconomics, Microeconomics, General Chemistry, Statistics, and others may fulfill this requirement
Diversity (DIV)	5 credits	These are courses that focus on sociocultural, political, and economic diversity of human experience
Arts and Humanities (A&H)	20 credits	These are courses in TARTS, TAMST, TFILM, TLIT, TWRT; select courses from other subject areas may count
Social Sciences (SSc)	20 credits	These are courses in TEGL, THIST, TLAWPL, TPPE, TPSYCH, TSOC; select courses from other subject areas may count
Natural Sciences (NSc)	20 credits	These are courses in TBIOL, TCHEM, TESC, TMATH, TPHYS, TCSS; select courses from other subject areas may count

Most students who transfer from another college have many of these requirements completed. Any requirements that aren't complete when a transfer student is admitted to UW Tacoma become part of the student's degree program.

Some courses may fulfill more than one general education category or a major requirement. See advisor for details. For example, a course might be a Writing course and also an Arts and Humanities (A&H). Courses that are both A&H and Social Science (SSc) can only fulfill one general education area.

School of Interdisciplinary Arts and Sciences

Culture, Arts and Communication

424 West Coast Grocery Building
253-692-4450
Website
Faculty Website
ias@uw.edu

In the division of Culture, Arts and Communication (CAC), our coursework is interdisciplinary and rooted in culture, examining both historical contexts and the changing world we live in. Our majors will help prepare you for careers in television and digital media, publishing and public relations, secondary and higher education, museum work, the arts, and many other related fields. With us, your education will provide you with the tools for lifelong enrichment and learning.

- Undergraduate Programs
  - Program of Study: Major: Arts, Media and Culture
    - Bachelor of Arts degree with a major in Arts, Media and Culture
  - Program of Study: Major: Communication
    - Bachelor of Arts degree with a major in Communication
  - Program of Study: Major: Spanish Languages and Cultures
    - Bachelor of Arts degree with a major in Spanish Language and Cultures
  - Program of Study: Major: Writing Studies
    - Bachelor of Arts degree with a major in Writing Studies
  - Program of Study: Minor: American Popular Culture Studies
    - Minor in American Popular Studies
  - Program of Study: Minor: Asian Studies
    - Minor in Asian Studies
  - Program of Study: Minor: Latino Studies
    - Minor in Latino Studies
  - Program of Study: Minor: Spanish Language and Cultures
    - Minor in Spanish Language and Cultures
  - Program of Study: Minor: Technical Communication
    - Minor in Technical Communication

⊖ Undergraduate Programs

Culture, Arts and Communication

424 West Coast Grocery Building
253-692-4450
ias@uw.edu

⊖ Program of Study: Major: Arts, Media and Culture

Program Overview

Focuses on how broadly-defined fields of art and media operate within and transform culture, studying formal, aesthetic and sociocultural ways of understanding literature, visual art, film, music or other media. Five tracks: COMPARATIVE ARTS, LITERATURE,

FILM & MEDIA, VISUAL & PERFORMING ARTS, and AMERICAN CULTURES.

This program of study leads to the following credential:

- Bachelor of Arts degree with a major in Arts, Media and Culture

⊖ Bachelor of Arts degree with a major in Arts, Media and Culture

Credential Overview

Focuses on how broadly-defined fields of art and media operate within and transform culture, studying formal, aesthetic and sociocultural ways of understanding literature, visual art, film, music or other media. Four tracks: COMPARATIVE ARTS, LITERATURE, FILM & MEDIA and VISUAL & PERFORMING ARTS.

Completion Requirements

To be eligible for graduation with the bachelor of arts degree, each student enrolled in the program must meet complete the following program requirements:

- Complete all general education requirements not met with transfer courses. See advisor for details.
- Complete a minimum of 45 credits of Interdisciplinary Arts and Sciences course work. Some majors or concentrations may require more.
- Complete a minimum of 45 credits of upper-division course work, including transfer courses and UW Tacoma courses.
- Complete 5 credits of English composition with a minimum 2.0 grade. This must be completed in a student's first two quarters at UW Tacoma.
- Complete the requirements for a major or concentration (minors are optional).
- No more than 15 elective credits can be taken for a Satisfactory/Not Satisfactory grade. See advisor for details.
- Meet with an advisor to complete a graduation application no later than the second week of the quarter in which the student plans to graduate.

Arts, Media and Culture now has five themed tracks. You can choose the track that best suits your educational and career goals. Each track has its own requirements and can be found on the appropriate checklist below.

Requires 60 credits total including a minimum of 30 upper-division division credits. Students choose one track.

Foundational Courses for All Tracks

- All students must take one of the following two courses:
  - T LIT 220
  - T FILM 220
- Students are encouraged to take the course they do not choose for this requirement as they fulfill the remaining requirements of the major (e.g., as part of the 25 credits from their own track, or for the credits required from one of the other tracks).

Track I: Literature

- 10 credits, History (List A: one survey class from the survey options and one additional history class apart from the survey options)
- 5 credits, Culture (List B)
- 5 credits, Interpretation (List C for Literature)
- 5 credits, Practice/Studio (List D)
- 25 credits in Literature (List E)
- 5 credits in Film/Media or Visual and Performing Arts (List F or List G)

Track II: Film / Media

- 10 credits, History (List A: one survey class from the survey options and one additional history class apart from the survey options)
- 5 credits, Culture (List B)
- 5 credits, Interpretation (List C for Film/Media)
- 5 credits, Practice/Studio (List D)
- 25 credits in Film and Media (List F)
- 5 credits in Literature or Visual and Performing Arts (List E or List G)

Track III: Visual and Performing Arts

- 10 credits, History (List A: one survey class from the survey options and one additional history class apart from the survey options)
- 5 credits, Culture (List B)
- 5 credits, Interpretation (List C for Visual and Performing Arts)
- 15 credits, Practice/Studio (List D)
- 15 credits in Visual and Performing Arts (List G)
- 5 credits in Literature or Film and Media (List E or List F)

Track IV: Comparative Arts

- 10 credits, History (List A: one survey class from the survey options and one additional history class apart from the survey options)
- 5 credits, Culture (List B)
- 10 credits, Interpretation (one class from two of the following: List C for Literature, List C for Film/Media, or List C for Visual and Performing Arts)
- 5 credits, Practice/Studio (List D)
- 25 credits in Literature; Film and Media; or Visual and Performing Arts (List E-G, with at least 5 credits from each list)

Track V: American Cultures

- 10 credits, History: one class from List A in AMC; and one of the following: THIST 220, 221, 320, 340, 349, or TLAX 333
- 25 credits, Culture (List B): take 25 credits from List B, which would be 5 courses that you have not taken for the sake of another requirement elsewhere in the major.
- 5 credits, Interpretation:One of these: TAMST 120, 210, 220, or 250
- 5 credits, Practice/Studio (List D)
- 10 credits, Complete any 10 credits from Lists E, F, or G in AMC.

History: 10 credits, in all tracks (List A)

- See list of approved courses on Arts, Media and Culture web page.

Culture: 5 credits, in all tracks (List B)

- See list of approved courses on Arts, Media and Culture web page.

Interpretation Courses (List C)

- See list of approved courses on Arts, Media and Culture web page.

Practice / Studio (List D)

- See list of approved courses on Arts, Media and Culture web page.

Literature (List E)

- See list of approved courses on Arts, Media and Culture web page.

Film and Media (List F)

- See list of approved courses on Arts, Media and Culture web page.

Visual and Performing Arts (List G)

- See list of approved courses on Arts, Media and Culture web page.

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Additional Information

Student Learning Outcomes

- Cultivate the insight unique to human beings, and be able to identify and explain interrelations among texts of apparently disparate discourses: literature, film, visual arts, and media.
- Acquire the interpretive skills necessary to analyze individual texts of various kinds—literary, film, art, televisual, musical—closely and critically. Students will be not just literate but visually or audio-visually literate.
- Understand the importance of history and culture as they shape and, are in turn, shaped by arts and media.
- Gain practical experience in the creative processes of one of the arts or media studied in the major.
- Be able to express the knowledge and experience described in the items listed above in clear, concise and persuasive writing.

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⊖ Program of Study: Major: Communication

Program Overview

Develop theoretical knowledge and practical skill in mass media through an interdisciplinary, multicultural curriculum. Learn about the social, cultural, economic, political and historical contexts within which media operate. Two tracks: PROFESSIONAL and RESEARCH.

This program of study leads to the following credential:

- Bachelor of Arts degree with a major in Communication

Admission Requirements

Prerequisites

- Students wishing to declare the Communication major must first complete one of the following 5-credit courses with a minimum grade of 2.5:
  - TCOM 201
  - TCOM 230

⊖ Bachelor of Arts degree with a major in Communication

Completion Requirements

To be eligible for graduation with the bachelor of arts degree, each student enrolled in the program must complete the following program requirements:

- Complete all general education requirements not met with transfer courses. See advisor for details.
- Complete a minimum of 45 credits of Interdisciplinary Arts and Sciences course work. Some majors or concentrations may require more.
- Complete a minimum of 45 credits of upper-division course work, including transfer courses and UW Tacoma courses.

- Complete 5 credits of English composition with a minimum 2.0 grade. This must be completed in a student's first two quarters at UW Tacoma.
- Complete the requirements for a major or concentration (minors are optional).
- No more than 15 elective credits can be taken for a Satisfactory/Not Satisfactory grade. See advisor for details.
- Meet with an advisor to complete a graduation application no later than the second week of the quarter in which the student plans to graduate.
- Requires 55-60 credits total including 30 credits of upper-division course work in major.
    - Professional Track: 60 credits
        - The Print and Television options of the Professional Track take an integrated approach to the study of media criticism and media writing and production. They are predicated on the belief that the development of the practical skills needed to produce and write materials for media outlets such as television, newspapers, magazines, and public relations firms is enhanced through a critical examination of cultural products and an understanding of multiple theoretical frameworks. At the same time, the ability to critique cultural products is furthered through the development of practical skills, since this advances an understanding of various factors that influence how media products are developed and distributed.
        - Communication Foundation: 5 Credits
            - TCOM 444
            - TCOM 453
        - Communication Core: 20 credits
            - From List A, with a minimum of 10 credits of 300- and 400-level TCOM courses required.
            - See the Communication web page for approved courses from List A that will fulfill Communication Core.
        - Professional Track Courses: 30 credits
            - From List A, the Communication web page for approved courses for the Professional Track courses.
            - A minimum of 20 credits from this list must be TCOM courses.
        - Optional Communication Capstone: 5 credits
            - Professional Track students may choose to complete a Senior Project (as part of the List B credits). The Senior Project has two main components: students perform a 5-credit internship in the communication industry and write a 10-15 page academic paper. The project is designed to allow senior professional track students to gain needed professional experience while placing this professional experience in a broader theoretical framework. Senior project internships and academic paper topics will vary and must have faculty advisor approval. See the Communication web page for more information.
    - Research Track: 55 credits
        - The Research Track, through courses on media criticism and methods, media ethics, media law and regulation, media history, political economy of mass media, international and development communication, film studies, and cultural studies, provides a critical overview of the political, economic, historic, social, and cultural contexts of the mass media. In each course, students are encouraged to interrogate the relationship among media, culture, and power, and think critically about the correspondence between processes of media production and consumption. The Research Track prepares students for further graduate studies or for careers in media research; the wealth of theoretical courses in this track is an asset to any student interested in communication theory or practice.
        - Communication Foundation: 10 credits
            - The following writing course:
                - TWRT 211
            - One of the following theory and methods courses:
                - TCOM 444
                - TCOM 453
        - Communication Core: 45 credits
            - From List A, with a minimum of 20 credits of 300- and 400-level courses required.
            - See the Communication web page for approved courses from List A that will fulfill Communication Core.
            - Minimum of 20 credits MUST be TCOM courses.
        - Optional Communication Capstone: 5 credits

- Communication - Research Track students may choose to complete a 5-credit, 25-35 page senior thesis (as part of the List A credits). Ideally, you would have completed all core and foundation courses before undertaking the thesis. The thesis may be supervised only by core Communication faculty. This means early planning is crucial, and you should develop a rapport with your supervisor by the time you reach the thesis stage. See the Communication web page for more information.

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Additional Information

Student Learning Outcomes

- Through a critical and cultural studies framework that addresses power differentials in society and through a rigorous schedule of courses in media theory and skills, you, as a Communication major, are expected to:
  - Be able to conduct thorough and critical research for both media theory and skills assignments, which is consistent with the LEAP learning outcomes of "Intellectual and Practical Skills" and "Integrative Learning;"
  - Understand and analyze the power of the visual image and the written word and their ability to convey and sustain ideologies of gender, class, ethnicity and orientation, which is consistent with the LEAP learning outcome of "Personal and Society Responsibility;"
  - Understand and analyze the ethical, legal, political and economic contexts of the mass media, which is consistent with the LEAP learning outcome of "Knowledge of Human Cultures and the Physical and Natural World;"
  - Understand and analyze the interdependency of global media systems and develop a critical and historical approach to media production and consumption, which is consistent with the LEAP learning outcome of "Knowledge of Human Cultures and the Physical and Natural World;"
  - Develop skills to write, edit and produce across varied media platforms, which is consistent with the LEAP learning outcomes of "Intellectual and Practical Skills;"
  - Be prepared for a variety of jobs in mass media such as newspaper and magazine writing, reporting and editing, television and video production and web design.

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⊖ Program of Study: Major: Spanish Languages and Cultures

Program Overview

Develops the intercultural competence necessary to participate in a diverse and increasingly complex world. Hispanic Studies is interdisciplinary in focus with a strong emphasis on the contemporary culture of Latin America.

This program of study leads to the following credential:

- Bachelor of Arts degree with a major in Spanish Language and Cultures

Admission Requirements

Prerequisites

- For acceptance into the major, students must demonstrate through a placement exam or coursework proficiency at the 300-level in the Spanish language. Students interested in pursuing a Spanish Language and Cultures Studies major are strongly encouraged to take a variety of interdisciplinary courses dealing with Spanish and Latin American culture in preparation for the major.
- The most recent course lists are available on the Spanish Language and Cultures major web page. We define a native speaker of Spanish as a person who learned Spanish at home as his or her first language, and who lived in a Spanish-speaking home for the first six years of childhood. In addition, a native speaker has some formal instruction (at least through 7th grade) in schools where Spanish was the primary language. (Example: A person who was born in Mexico to Mexican parents, who lived in Mexico until age 14, and completed 7th grade there, is a native speaker of Spanish.)

- We define a heritage speaker of Spanish as a person who was raised in a home where Spanish was spoken at least 50% of the time during that person's childhood and adolescence. Heritage speakers may not have had formal instruction in Spanish, but they are to some degree bilingual in both Spanish and English.

⊖ Bachelor of Arts degree with a major in Spanish Language and Cultures

Credential Overview

Develops the intercultural competence necessary to participate in a diverse and increasingly complex world. Hispanic Studies is interdisciplinary in focus with a strong emphasis on the contemporary culture of Latin America.

Completion Requirements

To be eligible for graduation with the bachelor of arts degree, each student enrolled in the program must complete the following program requirements:

- Complete all general education requirements not met with transfer courses. See advisor for details.
- Complete a minimum of 45 credits of Interdisciplinary Arts and Sciences course work. Some majors or concentrations may require more.
- Complete a minimum of 45 credits of upper-division course work, including transfer courses and UW Tacoma courses.
- Complete 5 credits of English composition with a minimum 2.0 grade. This must be completed in a student's first two quarters at UW Tacoma.
- Complete the requirements for a major or concentration (minors are optional).
- No more than 15 elective credits can be taken for a Satisfactory/Not Satisfactory grade. See advisor for details.
- Meet with an advisor to complete a graduation application no later than the second week of the quarter in which the student plans to graduate.
- The Spanish Language and Cultures Studies major consists of 60 upper division credits, in addition to other university requirements for graduation. Of these 60 credits, 35 are core requirements, and 25 credits are required 300-400 level electives from Spanish language and culture classes in Spanish.
    - Core Classes: Minimum of 35 credits. All courses are five (5) credits unless otherwise noted.
        - TSPAN 301 (Or TSPAN 311 for Heritage Speakers)
        - TSPAN 302 (Or TSPAN 312 for Heritage Speakers)
        - TSPAN 303 (Or TSPAN 313 for Heritage Speakers)
        - TSPAN 351
        - TSPAN 352
        - TSPAN 299 , 393 or 496 foreign study/experiential learning or internship (10 credits)
    - Required Electives: Minimum of 25 credits of 300-400 level Spanish courses
        - At least 5 credits from List A: Spanish language must be at the 400 level
        - At least 5 credits from List B: Literature, film or culture in Spanish must be at the 400 level
        - See the Spanish Language and Cultures webpage for approved courses.

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Additional Information

Student Learning Outcomes

- Spanish Language and Cultures students will:
    - Develop oral, writing and reading proficiency in Spanish at the Advanced Level as defined by American Council for the Teaching of Foreign Languages (ACTFL) standards.
    - Become knowledgeable about the complexity of cultures in the Spanish-speaking world and be able to engage in ongoing critical debate about them.

- Acquire proficiency in the 5 Cs (communication, cultures, connections, comparisons, communities) for language studies in Spanish as defined by the National Foreign Language Standards.
- Learn terminology and concepts from at least two of these fields: literature and literary criticism; film and film criticism; cultural studies and cultural theory, and be able to apply the terminology and concepts to the critical analysis of works from Spain, Spanish America, and U.S. Latinos.
- Become global citizens, able to interact compassionately, intelligently and insightfully with other cultures, particularly those of the Spanish-speaking world, and to engage in the scholarship and activism.
- Acquire competence necessary for employment in a variety of fields related to the Spanish language and literary and cultural studies and/or a graduate program in Spanish or Latin American Studies.

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⊖ Program of Study: Major: Writing Studies

Program Overview

The Major in Writing Studies enables students to learn to write effectively in a range of genres, and to think critically and creatively, with a well-rounded liberal arts education in the sciences and the humanities. Three tracks: Creative Writing, Technical Communication, and Rhetoric, Writing, and Social Change.

This program of study leads to the following credential:

- Bachelor of Arts degree with a major in Writing Studies

Admission Requirements

Students wishing to declare the Writing Studies major must complete the following courses with a minimum grade of 2.0.

- T CORE 101, TWRT 112 or TWRT 121
- TWRT 211

⊖ Bachelor of Arts degree with a major in Writing Studies

Credential Overview

Learn to write effectively in a range of genres, and to think critically and creatively, with a well-rounded liberal arts education in the sciences and the humanities. Two tracks: CREATIVE WRITING and TECHNICAL COMMUNICATION.

Completion Requirements

To be eligible for graduation with the Bachelor of Arts degree, students enrolled in the program must complete the following program requirements:

- Complete all general education requirements not met with transfer courses. See advisor for details.
- Complete a minimum of 45 credits of Interdisciplinary Arts and Sciences course work. Some majors or concentrations may require more.
- Complete a minimum of 45 credits of upper-division course work, including transfer courses and UW Tacoma courses.
- Complete 5 credits of (C) Composition designated course with a minimum 2.0 grade.
- Complete the requirements for a major (minors are optional).
- No more than 15 elective credits can be taken for a Satisfactory/Not Satisfactory grade. See advisor for details.
- 45 upper-division credits and 45 credits of SIAS courses are required for graduation from SIAS.
- Meet with an advisor to complete a graduation application no later than the second week of the quarter in which the student plans to graduate.

Writing Studies Major Track Requirements

The Writing Studies major requires 65 credits if choosing the Technical Communication track, or 60 credits if choosing either the

Creative Writing track or Rhetoric, Writing, and Social Change track.

- **Creative Writing Track: 60 credits**
  - **Creative Writing Foundation: 10 credits**
    - TWRT 200 (5)
    - TLIT 101 (5)
  - **Creative Writing Electives: 20 credits**
    - Choose 20 credits, see **Writing Studies** website for approved list of Creative Writing Electives.
    - At least 10 credits of Creative Writing Electives must be 400 level.
  - **Literature Electives: 15 credits**
    - Choose 15 credits, see **Writing Studies** website for approved list of Literature Electives.
  - **Writing Electives: 15 credits**
    - Choose 15 credits, see **Writing Studies** website for approved list of Writing Electives.
- **Technical Communication Track: 65 credits**
  - **Technical Communication Foundation: 10 credits**
    - One required course
      - TWRT 291 (5)
    - Choose 5 credits from the following list. These courses can only be taken for credit once, as either Track Foundational Courses or Electives:
      - TWRT 331 (5)
      - TWRT 350 (5)
      - TWRT 391 (5)
      - TCOM 320 (5)
  - **Technical Communication Electives: 20 credits**
    - Choose 20 credits, see **Writing Studies** website for approved list of Technical Communication Electives.
  - **Creative, Scientific, and Technical Topics Electives: 35 credits**
    - Choose 35 credits, see **Writing Studies** website for approved list of Creative, Scientific, and Technical Topics Electives.
- **Rhetoric, Writing, and Social Change: 60 credits**
  - **Rhetoric Foundation: 10 credits**
    - Two required courses
      - TWRT 211 (5)
      - TWRT 388 (5)
  - **Rhetoric and Writing Electives: 25 credits**
    - Choose 25 credits, see **Writing Studies** website for approved list of Rhetoric and Writing Electives. These courses can only be taken for credit once, as either Rhetoric and Writing Electives or Social Change Electives.
  - **Social Change Electives: 25 credits**
    - Choose 25 credits, see **Writing Studies** website for approved list of Social Change Electives. These courses can only be taken for credit once, as either Rhetoric and Writing Electives or Social Change Electives.

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Additional Information

As a student in the Writing Studies major, you are expected to:

- Write in multiple genres for diverse audiences.
- Apply rhetorical and communication design skills in multiple contexts and for a range of purposes.
- Develop an effective and self-aware writing process from invention to production.
- Collaborate effectively in writing and information design.
- Demonstrate an understanding of the role of writing in creating knowledge and effecting change through artistic expression, critical inquiry, and applied research.
- Develop the ability to learn, adapt, and use technologies in new media essential to your public and professional life.

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⊖ Program of Study: Minor: American Popular Culture Studies

Program Overview

Critically analyzes how popular culture in the United States reflects and challenges cultural values, practices and norms, and institutions. Focuses on the study of technologies and material culture, the production of popular culture, consumption practices, and popular culture's role in creating and disseminating ideologies.

This program of study leads to the following credential:

- Minor in American Popular Studies

⊖ Minor in American Popular Studies

Completion Requirements

Requirements: 25 credits

- 15 credits must be upper division
- 15 credits must be taken outside major requirements
- Foundational American Popular Culture Coursework: 10 credits
    - T AMST 220 (formerly TCULTR 210)
    - T AMST 410 (formerly TCULTR 410)
        - Students are required to take T AMST 410 as the culminating experience at the end of the minor coursework.
- Topical Coursework in American Popular Culture Studies: 15 Credits
    - See American Popular Culture Studies web page for list of approved topical courses.

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Additional Information

Student Learning Objectives

- With the American Popular Culture Studies Minor, students will:
    - Demonstrate an ability to critically analyze popular culture texts and artifacts in social and political contexts
    - Demonstrate an understanding of the production and reception of popular culture
    - Demonstrate an understanding of how cultural meaning is created, and how studying popular culture can provide us with multiple ways of making power visible

- Analyze and synthesize material from primary and secondary sources in order to create a coherent, evidence-based argument
- Employ methodologies from the humanities and the social sciences to analyze a variety of historical, cultural, social and political questions.

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Program of Study: Minor: Asian Studies

Program Overview

A minor in Asian Studies offers a well-rounded understanding of the countries and cultures of Asia.

This program of study leads to the following credential:

- Minor in Asian Studies

Minor in Asian Studies

Credential Overview

A minor in Asian Studies offers a well-rounded understanding of the countries and cultures of Asia. You will benefit from this minor if you work or plan to work in businesses dealing with Asia; are interested in applying to graduate studies in history, anthropology or other humanities or social science areas; are a nursing or social work student with a clientele that includes members of the Asian community; or are an education student interested in integrating Asian Studies into their classroom work.

Completion Requirements

All courses in the minor must be completed with a cumulative 2.0 GPA. The Asian Studies minor requires 30 credits to include:

- Framework Courses: 10 credits from the following
  - TCOM 430
  - TCOM 460
  - TCOM 461
  - TECON 332
  - TECON 362 (formerly TECON 460)
  - T HIST 271
  - T HIST 372
  - T HIST 474
  - T HIST 486
  - TPOL S 203
  - T URB 430
- Content Courses: 20 credits
  - See Asian Studies minor web page for approved courses on List B: Content courses
  - Credit for study in Asia may count toward credit for course work. See an advisor for details.

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Program of Study: Minor: Latino Studies

Program Overview

The Minor in Latino Studies prepares students to understand the social worlds they inhabit and think critically about the diversity of Latin American cultures, history, and politics that inform contemporary U.S. Latino cultural practices and social formations Foundational coursework for the minor prepares students with a strong grounding in the structural analysis of social relations and in

critical methodologies that allow for intersectional and transnational approaches to the field. Central to interdisciplinary learning is the ability to think in complex ways about U.S. Latino groups and identities and to develop a critical lens that encourages students to connect contemporary issues, such as those related to policies, and understand the implications across disciplines. On Language: The Latino Studies Minor strongly encourages its students to develop advanced skills in Spanish or in any of the Indigenous languages spoken among Latino communities.

This program of study leads to the following credential:

- Minor in Latino Studies

⊖ Minor in Latino Studies

Completion Requirements

All courses in the minor must be completed with a cumulative 2.0 GPA. At least 15 credits must be upper division. Only 10 credits may count towards both this minor and your major. The minor in Latino Studies requires 25-30 credits to include the following:

Required Foundation Coursework in Latino Studies (5 credits)

1. Introduction to the Field (Required)

- T LAX 238 (5)

Topical Coursework in Latino Cultures (5 credits)

2. Latino Cultures

- *See website for approved list.*

Topical Coursework in Latino Histories (5 credits)

3. History of Latinos in the U.S.:

- T LAX 290 (5)
- T LAX 333 (5)

Elective Coursework (10 credits)

Students should take either two courses from list A (US Latino Difference) or one course from List A (US Latino Difference) and one course from List B (Latin American Studies).

- Upper Division Course focused on U.S. Latino Difference
  - *See website for approved list.*
- Upper Division Course focused on difference in Latin America (Max 5 Credits)
  - Note: A maximum of 5 credits of coursework focused on Latin America may count towards the minor.
  - *See website for approved list.*

Language Requirement (0-5 credits)

T SPAN 103 or equivalent language skills in a language relevant to Latino Studies as approved by the Latino Studies Minor Coordinator

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⊖ Program of Study: Minor: Spanish Language and Cultures

Program Overview

The Spanish Language and Cultures minor combines Spanish language skills with a general knowledge of the cultural, historical and political context of Spanish America.

This program of study leads to the following credential:

- Minor in Spanish Language and Cultures

⊖ Minor in Spanish Language and Cultures

Credential Overview

The Spanish Language and Cultures minor combines Spanish language skills with a general knowledge of the cultural, historical and political context of Spanish America.

Completion Requirements

A minor in Spanish Language and Cultures requires 25 credits. Minimum 2.00 cumulative GPA for courses applied to the minor. Please see an advisor to discuss details.

- 10 credits* required from the following courses focused on language acquisition, grammar, vocabulary, writing, etc):
  - TSPAN 203
  - TSPAN 299
  - TSPAN 301
  - TSPAN 302
  - TSPAN 303
  - TSPAN 315
  - TSPAN 335
  - TSPAN 345
  - TSPAN 348
  - TSPAN 393
  - TSPAN 420
  - TSPAN 425
  - TSPAN 430
  - TSPAN 496
- 15 credits required from the following courses focused on the learning of culture, history, film, and literature:
  - TSPAN 351
  - TSPAN 352
  - TSPAN 361 *(formerly TSPAN 461)*
  - TSPAN 371 *(formerly TSPAN 471)*
  - TSPAN 374
  - TSPAN 376
  - TSPAN 388
  - TSPAN 451
  - TSPAN 464
  - TSPAN 480
- *Students who are diagnosed as native speakers or at an advanced level of proficiency (four or higher on the ACTFL scale) are not required to take the language classes. These students should take an additional 10 credits from courses focused on the learning of culture, history, film, and literature.

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Additional Information

Note: Spanish Language and Cultures major students cannot minor in Spanish Language and Cultures.

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Program of Study: Minor: Technical Communication

Program Overview

The Technical Communication minor offers written and oral communication courses applicable to all majors, professions and workplace situations, including courses relevant for students interested in pursuing careers in Law and Medicine. This minor is open to students from all majors.

This program of study leads to the following credential:

- Minor in Technical Communication

Minor in Technical Communication

Completion Requirements

The Technical Communication minor requires 25 credits. All courses must be completed with a minimum grade of 2.0.

- Required core courses (10 credits)
  - TWRT 291
  - either:
    - TWRT 391
    - TWRT 331
- Electives (15 credits)
  - TCOM 320
  - TCOM 420
  - TWRT 330
  - TWRT 331
  - TWRT 350
  - TWRT 355
  - TWRT 440
  - TWRT 450

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Additional Information

Note: Writing Studies major students cannot minor in Technical Communications.

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School of Interdisciplinary Arts and Sciences

Sciences and Mathematics

424 West Coast Grocery Building
253-692-4450
Website
Faculty Website
ias@uw.edu

The division of Sciences and Mathematics offers Bachelor of Arts degrees in Environmental Studies, and Bachelor of Science degrees in Biomedical Sciences, Environmental Science and Mathematics. Our curriculum, internship opportunities and research maintain local community ties while exploring global perspectives, leading to excellent career opportunities for graduating students.

- Undergraduate Programs
  - Program of Study: Major: Biomedical Sciences
    - Bachelor of Science degree with a major in Biomedical Sciences
  - Program of Study: Major: Environmental Science
    - Bachelor of Science degree with a major in Environmental Science
    - Bachelor of Science degree with a major in Environmental Science: Conservation Biology and Ecology
    - Bachelor of Science degree with a major in Environmental Science: Geosciences
  - Program of Study: Major: Environmental Sustainability
    - Bachelor of Arts degree with a major in Environmental Sustainability: Business/Nonprofit Environmental Sustainability
    - Bachelor of Arts degree with a major in Environmental Sustainability: Environmental Communication
    - Bachelor of Arts degree with a major in Environmental Sustainability: Environmental Education
    - Bachelor of Arts degree with a major in Environmental Sustainability: Environmental Policy and Law
  - Program of Study: Major: Mathematics
    - Bachelor of Science degree with a major in Mathematics
  - Program of Study: Major: Statistics and Data Science
    - Bachelor of Science degree with a major in Statistics and Data Science
  - Program of Study: Minor: Ecological Restoration
    - Minor in Ecological Restoration
  - Program of Study: Minor: Environmental Studies
    - Minor in Environmental Studies
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    - Minor in Mathematics
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    - Minor in Sustainability
- Graduate Programs
  - Program of Study: Master Of Science In Environmental Science
    - Master Of Science In Environmental Science

⊖ Undergraduate Programs

Sciences and Mathematics

424 West Coast Grocery Building
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Program of Study: Major: Biomedical Sciences

Program Overview

Immerses you in an exploration of topics in the life sciences including cell biology, genetics, microbiology, molecular biology, neurobiology, and physiology, as they are applied to the science of human health. Prepares you for admission to medical, health and other science-related graduate or professional schools.

This program of study leads to the following credential:

- Bachelor of Science degree with a major in Biomedical Sciences

Bachelor of Science degree with a major in Biomedical Sciences

Completion Requirements

To be eligible for graduation with the bachelor of sciences degree, each student enrolled in the program must complete the following program requirements:

- Complete all general education requirements not met with transfer courses. See advisor for details.
- Complete a minimum of 45 credits of Interdisciplinary Arts and Sciences course work. Some majors or concentrations may require more.
- Complete a minimum of 45 credits of upper-division course work, including transfer courses and UW Tacoma courses.
- Complete the requirements for a major or concentration (minors are optional).
- Minimum 2.00 cumulative GPA for courses applied to the major.
- Overview of Requirements
  - Introductory Courses in Biomedical Sciences: 57-64 credits
  - Core Courses in Biomedical Sciences: 22-23 credits
  - Biomedical Sciences Upper-Division Electives: 32 credits
  - Required "bookend" Courses: 8 credits
  - Capstone (research, internship, etc.): 3 credits
  - Statistics: Select one course
  - Ethics: Select one course
  - Health and Society: Select one course
- Introductory Courses in Biomedical Sciences: 57-64 credits
  - T CHEM 142* (6) minimum 2.0 grade
  - T CHEM 152* (6) minimum 2.0 grade
  - T CHEM 162* (6) minimum 2.0 grade
  - T BIOL 120 (6) minimum 2.0 grade OR BIOL 180 (5) minimum 2.0 grade
  - T BIOL 130 (6) minimum 2.0 grade OR BIOL 200 (5) minimum 2.0 grade
  - T BIOL 140 (6) minimum 2.0 grade OR BIOL 220 (5) minimum 2.0 grade
  - TMATH 124 (5) minimum 2.0 grade
  - TMATH 125 (5)
  - T CHEM 251 (6) minimum 2.0 grade
  - T CHEM 261 (6)
  - T PHYS 121 (6) or PHYS 114 (4) and PHYS 117 (1)
  - *CHEM 142 (5) minimum 2.0 grade AND CHEM 152 (5) minimum 2.0 grade AND CHEM 162 (5) minimum 2.0 grade together can be accepted in place of T CHEM 142, T CHEM 152, and T CHEM 162
- Core Courses in Biomedical Sciences: 22-23 credits

- T BIOL 314 (6)
- T BIOL 323 (6)
- T BIOL 325 (5)
- T BIOL 331 (6) or T BIOL 313 (5)

- Required Bookend Courses: 8 credits
  - TBIOMD 310: 5 credits, to be completed early in the third year
  - TBIOMD 410: 3 credits, to be completed in the fourth year
- Capstone: 3 credits
  - See Biomedical Sciences web page for approved list of Capstone courses.
- Statistics: 5 credits
  - TMATH 110
- Ethics: 5 credits
  - Choose one course from the Ethics list; see Biomedical Sciences web page for approved list of Ethics courses.
- Health and Society: 5 credits
  - Choose one course from the Health and Society list; see Biomedical Sciences web page for approved list of Health and Society courses.
- Biomedical Sciences Upper-Division Electives: 32 credits
  - See Biomedical Sciences web page for approved list of Biomedical Sciences Upper-Division Electives courses.
  - A minimum of 20 credits must come from List A.

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Additional Information

Student Learning Outcomes

1. Connect core knowledge and tools from biology, chemistry, and other scientific disciplines to analyze human health and related social issues.
2. Apply laboratory and quantitative techniques to investigate problems and evaluate evidence from different perspectives.
3. Interpret and communicate information related to biomedical sciences in written and oral forms appropriate to both scientific and non-technical audiences.
4. Integrate interdisciplinary perspectives and methodologies to explore questions in biomedical sciences and human health.
5. Demonstrate awareness of the impact of human bias on the scientific endeavor and the importance of integrity in the research and practice of biomedical science.

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⊖ Program of Study: Major: Environmental Science

Program Overview

Provides a strong science background focused on the environmental issues of the future. Through lecture, lab and field classes, you get hands-on experience with biology, chemistry, the geosciences, physics and math. Three options: General Environmental Science, CONSERVATION BIOLOGY AND ECOLOGY and GEOSCIENCE.

This program of study leads to the following credentials:

- Bachelor of Science degree with a major in Environmental Science
- Bachelor of Science degree with a major in Environmental Science: Conservation Biology and Ecology
- Bachelor of Science degree with a major in Environmental Science: Geosciences

Admission Requirements

- These courses can be taken at UW Tacoma or transferred from another school. UW Tacoma courses that fulfill this preparatory course work are listed in parentheses.
    - 15 credits of college biology (majors sequence with lab) (TBIOL 120, 130, 140) – 2.0 minimum grade in each
    - 15 credits of college chemistry (majors sequence with lab) (TCHEM 142, 152, 162) – 2.0 minimum grade in each
    - 5 credits of physical geology with lab (TGEOS 117) – 2.0 minimum grade
    - 5 credits of college physics (mechanics with lab) (TPHYS 121) – 2.0 minimum grade
    - 10 credits of calculus/advanced statistics (TMATH 124 and either TMATH 125 or TMATH 310) – 2.0 minimum grade
    - 5 credits of statistics (TMATH 110) – 2.0 minimum grade
- Preparatory courses must have been completed within the last five years. If they were completed earlier, please consult an IAS advisor.
- Additionally, students must be computer literate, which is defined as the ability to use word processing, spreadsheet, presentation and communication software. Workshops are available for students with deficiencies in any of these areas.

⊖ Bachelor of Science degree with a major in Environmental Science

Credential Overview

In this program students learn how to draw connections between these disciplines needed to solve the complex environmental problems facing the local community and society at large. This degree allows you to combine diverse approaches to the environment which incorporate humanities and the social sciences. Through coursework and independent study, you will develop skills needed for scientific research, technical writing and grant preparation. A culminating capstone experience gives you the opportunity to work with a scientist on your own undergraduate research project or to intern with a community group to gain practical experience. Our program prepares you to work in government, academic, private or non-profit careers or to continue your education in a variety of scientific disciplines.

Completion Requirements

To be eligible for graduation with a bachelor of science in environmental science, students must complete the following program requirements:

- Complete a minimum of 45 credits of upper-division course work and a minimum of 45 credits in Interdisciplinary Arts and Sciences.
- Complete all general education requirements not met with transfer courses. See advisor for details.
- Complete the B.S. degree preparatory courses and requirements. Minors and certificates are optional. No more than 15 elective credits can be taken for a Satisfactory/Not Satisfactory grade; see advisor for details.
- Complete five credits of English composition with a minimum grade of 2.0.
- Meet with an academic advisor to complete a graduation application no later than the second week of the quarter in which the student plans to graduate.
- Core Requirements:
    - Three required courses:
        - TESC 310 (3) (To be taken in the first quarter of enrollment sophomore or junior year) and TESC 200 (2) to be taken with TESC 310.
        - TESC 410(3) (To be taken in the last quarter of enrollment after or concurrent with capstone experience)
    - Capstone experience: 3-10 credits through internship, research, etc. Planned with faculty advisor; may span more than one

quarter. See Environmental Science website for list of approved capstone experience options.
    - 12 credits of Environmental science core courses:
        - T BIOL 340(6)
        - T CHEM 333(6)
- Environmental Law/Policy: 5 credits
    - Choose one course, see Environmental Science web page for approved list of Environmental Law/Policy courses.
- Environmental Ethics: 5 credits
    - Choose one course, see Environmental Science web page for approved list of Environmental Ethics courses.
- Social Science/Environmental Focus: 5 credits
    - Choose one course, see Environmental Science web page for approved list of Social Science/environmental focus courses.
- Humanities/Environmental focus course: 5 credits
- Choose one course, see Environmental Science web page for approved list of Humanities courses.
- Environmental Science Major Electives: 29 credits
    - 29 credits minimum of Environmental Science courses.
    - Five additional courses to include at least one biological science (B) course and one physical science (P) course. Of these remaining five courses, at least two must be laboratory (L) courses (6 credits) and one must be a field (F) course (7 credits). Two of these five courses must be at the 300-level or above.
    - See Environmental Science web page for approved list of Environmental Science elective courses.
- Conservation Biology and Ecology Option Electives: 29 credits
    - In addition to the standard Environmental Science BS degree, students may complete a Conservation Biology and Ecology option in the degree. These options allow students to obtain an interdisciplinary Environmental Science BS degree while demonstrating extra proficiency in the discipline.
    - Additional requirements specified below.
- Geosciences Option Electives: 29 credits
    - In addition to the standard Environmental Science BS degree, students may complete a Geoscience option in the degree. These options allow students to obtain an interdisciplinary Environmental Science BS degree while demonstrating extra proficiency in the discipline.
    - Additional requirements specified below.

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⊖ Bachelor of Science degree with a major in Environmental Science: Conservation Biology and Ecology

Credential Overview

In addition to the standard Environmental Science BS degree, you may complete a Biology option as part of the degree, allowing you to obtain an interdisciplinary Environmental Science BS degree while demonstrating extra proficiency in the discipline.

Completion Requirements

To be eligible for graduation with a bachelor of science in environmental science, students must complete the following program requirements:

- Complete a minimum of 45 credits of upper-division course work and a minimum of 45 credits in Interdisciplinary Arts and Sciences.
- Complete all general education requirements not met with transfer courses. See advisor for details.
- Complete the B.S. degree preparatory courses and requirements. Minors and certificates are optional. No more than 15 elective credits can be taken for a Satisfactory/Not Satisfactory grade; see advisor for details.
- Complete five credits of English composition with a minimum grade of 2.0.
- Meet with an academic advisor to complete a graduation application no later than the second week of the quarter in which the student plans to graduate.
- Core Requirements:

    - Three required courses:
        - TESC 310 (3) (To be taken in the first quarter of enrollment sophomore or junior year) and TESC 200 (2) to be taken with TESC 310.
        - TESC 410(3) (To be taken in the last quarter of enrollment after or concurrent with capstone experience)
    - Capstone experience: 3-10 credits through internship, research, etc. Planned with faculty advisor; may span more than one quarter. See Environmental Science website for list of approved capstone experience options.
    - 12 credits of Environmental science core courses:
        - T BIOL 340(6)
        - T CHEM 333(6)
- Environmental Law/Policy: 5 credits
    - Choose one course, see Environmental Science web page for approved list of Environmental Law/Policy courses.
- Environmental Ethics: 5 credits
    - Choose one course, see Environmental Science web page for approved list of Environmental Ethics courses.
- Social Science/Environmental Focus: 5 credits
    - Choose one course, see Environmental Science web page for approved list of Social Science/environmental focus courses.
- Humanities/Environmental focus course: 5 credits
- Choose one course, see Environmental Science web page for approved list of Humanities courses.
- Environmental Science Major Electives: 29 credits
    - 29 credits minimum of Environmental Science courses.
    - Five additional courses to include at least one biological science (B) course and one physical science (P) course. Of these remaining five courses, at least two must be laboratory (L) courses (6 credits) and one must be a field (F) course (7 credits). Two of these five courses must be at the 300-level or above.
    - See Environmental Science web page for approved list of Environmental Science elective courses.
- Conservation Biology and Ecology Option Electives: 29 credits
    - In addition to the standard Environmental Science BS degree, students may complete a Conservation Biology and Ecology option in the degree. These options allow students to obtain an interdisciplinary Environmental Science BS degree while demonstrating extra proficiency in the discipline.
    - Additional requirements specified below.
- Geosciences Option Electives: 29 credits
    - In addition to the standard Environmental Science BS degree, students may complete a Geoscience option in the degree. These options allow students to obtain an interdisciplinary Environmental Science BS degree while demonstrating extra proficiency in the discipline.
    - Additional requirements specified below.

Additional Completion Requirements

Option specific requirements:

- Five courses to include at least one physical science (P) course, at least two laboratory (L) courses (T BIOL 434 and one more from List D, E, or F) and one field (F) course. Some courses designated as labs on this list are not offered as labs every time; check the Registration Guide for credits.
- In addition, the student's capstone experience (planned with the faculty advisor) must be focused on conservation biology and/or ecology.
- See Environmental Science web page for approved list of Environmental Science elective courses.
    - T BIOL 434(B/L) (formerly TESC 332)
    - One course from Biodiversity (List D), see Environmental Science web page for approved list of Biodiversity courses.
    - One course from Ecological Interactions (List E), see Environmental Science web page for approved list of Biodiversity courses.
    - One course from Methods and Applications (List F), see Environmental Science web page for approved list of Biodiversity courses.
    - One course from List D, List E or List F, see Environmental Science web page for approved list of Biodiversity courses.

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⊖ Bachelor of Science degree with a major in Environmental Science: Geosciences

Credential Overview

In addition to the standard Environmental Science BS degree, you may complete a Geoscience option as part of the degree, allowing you to obtain an interdisciplinary Environmental Science BS degree while demonstrating extra proficiency in the discipline.

Completion Requirements

To be eligible for graduation with a bachelor of science in environmental science, students must complete the following program requirements:

- Complete a minimum of 45 credits of upper-division course work and a minimum of 45 credits in Interdisciplinary Arts and Sciences.
- Complete all general education requirements not met with transfer courses. See advisor for details.
- Complete the B.S. degree preparatory courses and requirements. Minors and certificates are optional. No more than 15 elective credits can be taken for a Satisfactory/Not Satisfactory grade; see advisor for details.
- Complete five credits of English composition with a minimum grade of 2.0.
- Meet with an academic advisor to complete a graduation application no later than the second week of the quarter in which the student plans to graduate.
- Core Requirements:
  - Three required courses:
    - TESC 310 (3) (To be taken in the first quarter of enrollment sophomore or junior year) and TESC 200 (2) to be taken with TESC 310.
    - TESC 410(3) (To be taken in the last quarter of enrollment after or concurrent with capstone experience)
  - Capstone experience: 3-10 credits through internship, research, etc. Planned with faculty advisor; may span more than one quarter. See Environmental Science website for list of approved capstone experience options.
  - 12 credits of Environmental science core courses:
    - T BIOL 340(6)
    - T CHEM 333(6)
- Environmental Law/Policy: 5 credits
  - Choose one course, see Environmental Science web page for approved list of Environmental Law/Policy courses.
- Environmental Ethics: 5 credits
  - Choose one course, see Environmental Science web page for approved list of Environmental Ethics courses.
- Social Science/Environmental Focus: 5 credits
  - Choose one course, see Environmental Science web page for approved list of Social Science/environmental focus courses.
- Humanities/Environmental focus course: 5 credits
- Choose one course, see Environmental Science web page for approved list of Humanities courses.
- Environmental Science Major Electives: 29 credits
  - 29 credits minimum of Environmental Science courses.
  - Five additional courses to include at least one biological science (B) course and one physical science (P) course. Of these remaining five courses, at least two must be laboratory (L) courses (6 credits) and one must be a field (F) course (7 credits). Two of these five courses must be at the 300-level or above.
  - See Environmental Science web page for approved list of Environmental Science elective courses.
- Conservation Biology and Ecology Option Electives: 29 credits
  - In addition to the standard Environmental Science BS degree, students may complete a Conservation Biology and Ecology option in the degree. These options allow students to obtain an interdisciplinary Environmental Science BS degree while demonstrating extra proficiency in the discipline.
  - Additional requirements specified below.
- Geosciences Option Electives: 29 credits

- In addition to the standard Environmental Science BS degree, students may complete a Geoscience option in the degree. These options allow students to obtain an interdisciplinary Environmental Science BS degree while demonstrating extra proficiency in the discipline.
- Additional requirements specified below.

Additional Completion Requirements

Option specific requirements:

- Five courses to include at least one biological science (B) course, at least two laboratory (L) courses (T GEOS 337 and one more from List G or H) and one field (F) course. Some courses designated as labs on this list are not offered as labs every time; check the Registration Guide for credits.
  - T GEOS 337(L) (formerly TESC 337)
  - Three courses from Geoscience, (List G), see Environmental Science web page for approved list of Biodiversity courses.
  - One additional course from the Geoscience, or Additional Courses for Geoscience list (List G, or List H), see Environmental Science web page for approved list of Biodiversity courses.

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Additional Information

Student Learning Outcomes

- Students who complete this degree will:
  - Be conversant in theoretical concepts of the biological and physical sciences and their application to understanding and studying the environment;
  - Develop a basic understanding of the humanities and social sciences, and the interdisciplinary connections between these subjects and the natural sciences, in order to understand and solve environmental issues;
  - Develop advanced scientific skills necessary to achieve an understanding of and solutions to environmental problems including physical and biological measurement techniques, statistical data analysis, hypothesis formulation and conceptual modeling, research project design and working collaboratively;
  - Exhibit the ability to interpret and communicate information related to environmental issues in written and oral forms appropriate to both scientific and non-technical audiences;
  - Demonstrate the ability to apply interdisciplinary training to environmental problems of local, regional, national or global significance;
  - Understand the role of individuals and participate in the creation of solutions for environmental problems;
  - Participate in engaged inquiry as a means of connecting classroom learning to real-world environmental problem solving and establishing the skills needed for life-long learning.
- Our student learning objectives follow the model set forth by Liberal Education and America's Promise (LEAP). LEAP is an initiative that champions the value of a liberal education—for individual students and for a nation dependent on economic creativity and democratic vitality. The initiative focuses campus practice on fostering essential learning outcomes for all students, whatever their chosen field of study.

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⊖ Program of Study: Major: Environmental Sustainability

Program Overview

Offers an interdisciplinary perspective on environmental problems. A broad range of interdisciplinary coursework examines legal, economic, social, literary, historical, and philosophical perspectives on both local and global sustainability issues.

This program of study leads to the following credentials:

- Bachelor of Arts degree with a major in Environmental Sustainability: Business/Nonprofit Environmental Sustainability

- Bachelor of Arts degree with a major in Environmental Sustainability: Environmental Communication
- Bachelor of Arts degree with a major in Environmental Sustainability: Environmental Education
- Bachelor of Arts degree with a major in Environmental Sustainability: Environmental Policy and Law

Admission Requirements

Preparatory courses must have been completed within the last 5 years. If they were completed before that time frame or for specific transfer courses that are accepted, please consult an academic advisor.

Additionally, students must be computer literate, which is defined as the ability to use word processing, spreadsheet, presentation and communication software.

- Preparatory Courses:
  - T BIOL 110 (with lab); minimum 1.5 GPA
  - T CHEM 131 (with lab); minimum 1.7 GPA
  - TECON 200; minimum 2.0 GPA
  - T GEOS 243 (with lab); minimum 2.0 GPA
  - TMATH 110; minimum 2.0 GPA
  - T PHIL 251; minimum 2.0 GPA
  - TWRT 211; minimum 2.0 GPA or TWRT 291; minimum 2.0 GPA

⊖ Bachelor of Arts degree with a major in Environmental Sustainability: Business/Nonprofit Environmental Sustainability

Completion Requirements

To be eligible for graduation with the bachelor of arts degree, each student enrolled in the program must complete the following program requirements:

- Complete all general education requirements not met with transfer courses. See advisor for details.
- Complete a minimum of 45 credits of Interdisciplinary Arts and Sciences course work. Some majors or concentrations may require more.
- Complete a minimum of 45 credits of upper-division course work, including transfer courses and UW Tacoma courses.
- Complete 5 credits of English composition with a minimum 2.0 grade. This must be completed in a student's first two quarters at UW Tacoma.
- Complete the requirements for a major or concentration (minors are optional).
- No more than 15 elective credits can be taken for a Satisfactory/Not Satisfactory grade. See advisor for details.
- Meet with an advisor to complete a graduation application no later than the second week of the quarter in which the student plans to graduate.
- For Environmental Sustainability, you need to complete 40 preparatory credits and 58-60 credits to meet the degree requirements. You must earn a total of 180 quarter credits, or 225 quarter credits for a double degree, in order to earn a bachelor of arts degree in your chosen major.
  - Degree Requirements: 40 credits
    - Core Courses (40 credits):
      - TEST 200
      - TESC 201
      - TBIOL 232
      - TESC 345
      - T LAW 438
      - TWRT 331
      - TGEOS 341

        - One of the following:
            - T EGL 304
            - T PHIL 456
            - TRELIG 350
    - Capstone experience (minimum 3 credits): refer to department website for list of approved courses Environmental Sustainability
    - Options for in-depth Focus:
        - Option in either:
            - Environmental Policy and Law
            - Environmental Communication
            - Business/Nonprofit Environmental Sustainability
            - Environmental Education

[see Addendum A for changes to Capstone Experience and Options for in-depth Focus]

Additional Completion Requirements

Option specific requirements:

- Take 4 or more courses in one selected option. See Environmental Sustainability web page for approved option lists.
    - Business/Nonprofit Environmental Sustainability
    - Environmental Communication
    - Environmental Education
    - Environmental Policy and Law
    - Global Honors (Proposed effective date Winter 2021)

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⊖ Bachelor of Arts degree with a major in Environmental Sustainability: Environmental Communication

Completion Requirements

To be eligible for graduation with the bachelor of arts degree, each student enrolled in the program must complete the following program requirements:

- Complete all general education requirements not met with transfer courses. See advisor for details.
- Complete a minimum of 45 credits of Interdisciplinary Arts and Sciences course work. Some majors or concentrations may require more.
- Complete a minimum of 45 credits of upper-division course work, including transfer courses and UW Tacoma courses.
- Complete 5 credits of English composition with a minimum 2.0 grade. This must be completed in a student's first two quarters at UW Tacoma.
- Complete the requirements for a major or concentration (minors are optional).
- No more than 15 elective credits can be taken for a Satisfactory/Not Satisfactory grade. See advisor for details.
- Meet with an advisor to complete a graduation application no later than the second week of the quarter in which the student plans to graduate.
- For Environmental Sustainability, you need to complete 40 preparatory credits and 58-60 credits to meet the degree requirements. You must earn a total of 180 quarter credits, or 225 quarter credits for a double degree, in order to earn a bachelor of arts degree in your chosen major.
    - Degree Requirements: 40 credits
        - Core Courses (40 credits):
            - TEST 200

        - TESC 201
        - TBIOL 232
        - TESC 345
        - T LAW 438
        - TWRT 331
        - TGEOS 341

        - One of the following:
            - T EGL 304
            - T PHIL 456
            - TRELIG 350
    - Capstone experience (minimum 3 credits): refer to department website for list of approved courses Environmental Sustainability
    - Options for in-depth Focus:
        - Option in either:
            - Environmental Policy and Law
            - Environmental Communication
            - Business/Nonprofit Environmental Sustainability
            - Environmental Education

[see Addendum A for changes to Capstone Experience and Options for in-depth Focus]

Additional Completion Requirements

Option specific requirements:

- Take 4 or more courses in one selected option. See Environmental Sustainability web page for approved option lists.
    - Business/Nonprofit Environmental Sustainability
    - Environmental Communication
    - Environmental Education
    - Environmental Policy and Law
    - Global Honors (Proposed effective date Winter 2021)

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⊖ Bachelor of Arts degree with a major in Environmental Sustainability: Environmental Education

Completion Requirements

To be eligible for graduation with the bachelor of arts degree, each student enrolled in the program must complete the following program requirements:

- Complete all general education requirements not met with transfer courses. See advisor for details.
- Complete a minimum of 45 credits of Interdisciplinary Arts and Sciences course work. Some majors or concentrations may require more.
- Complete a minimum of 45 credits of upper-division course work, including transfer courses and UW Tacoma courses.
- Complete 5 credits of English composition with a minimum 2.0 grade. This must be completed in a student's first two quarters at UW Tacoma.
- Complete the requirements for a major or concentration (minors are optional).
- No more than 15 elective credits can be taken for a Satisfactory/Not Satisfactory grade. See advisor for details.
- Meet with an advisor to complete a graduation application no later than the second week of the quarter in which the student plans to graduate.

- For Environmental Sustainability, you need to complete 40 preparatory credits and 58-60 credits to meet the degree requirements. You must earn a total of 180 quarter credits, or 225 quarter credits for a double degree, in order to earn a bachelor of arts degree in your chosen major.
    - Degree Requirements: 40 credits
        - Core Courses (40 credits):
            - TEST 200
            - TESC 201
            - TBIOL 232
            - TESC 345
            - T LAW 438
            - TWRT 331
            - TGEOS 341
            - One of the following:
                - T EGL 304
                - T PHIL 456
                - TRELIG 350
        - Capstone experience (minimum 3 credits): refer to department website for list of approved courses Environmental Sustainability
        - Options for in-depth Focus:
            - Option in either:
                - Environmental Policy and Law
                - Environmental Communication
                - Business/Nonprofit Environmental Sustainability
                - Environmental Education

[see Addendum A for changes to Capstone Experience and Options for in-depth Focus]

Additional Completion Requirements

Option specific requirements:

- Take 4 or more courses in one selected option. See Environmental Sustainability web page for approved option lists.
    - Business/Nonprofit Environmental Sustainability
    - Environmental Communication
    - Environmental Education
    - Environmental Policy and Law
    - Global Honors (Proposed effective date Winter 2021)

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⊖ **Bachelor of Arts degree with a major in Environmental Sustainability: Environmental Policy and Law**

Completion Requirements

To be eligible for graduation with the bachelor of arts degree, each student enrolled in the program must complete the following program requirements:

- Complete all general education requirements not met with transfer courses. See advisor for details.
- Complete a minimum of 45 credits of Interdisciplinary Arts and Sciences course work. Some majors or concentrations may require more.
- Complete a minimum of 45 credits of upper-division course work, including transfer courses and UW Tacoma courses.

- Complete 5 credits of English composition with a minimum 2.0 grade. This must be completed in a student's first two quarters at UW Tacoma.
- Complete the requirements for a major or concentration (minors are optional).
- No more than 15 elective credits can be taken for a Satisfactory/Not Satisfactory grade. See advisor for details.
- Meet with an advisor to complete a graduation application no later than the second week of the quarter in which the student plans to graduate.
- For Environmental Sustainability, you need to complete 40 preparatory credits and 58-60 credits to meet the degree requirements. You must earn a total of 180 quarter credits, or 225 quarter credits for a double degree, in order to earn a bachelor of arts degree in your chosen major.
    - Degree Requirements: 40 credits
        - Core Courses (40 credits):
            - TEST 200
            - TESC 201
            - TBIOL 232
            - TESC 345
            - T LAW 438
            - TWRT 331
            - TGEOS 341
            - One of the following:
                - T EGL 304
                - T PHIL 456
                - TRELIG 350
        - Capstone experience (minimum 3 credits): refer to department website for list of approved courses Environmental Sustainability
        - Options for in-depth Focus:
            - Option in either:
                - Environmental Policy and Law
                - Environmental Communication
                - Business/Nonprofit Environmental Sustainability
                - Environmental Education

[see Addendum A for changes to Capstone Experience and Options for in-depth Focus]

Additional Completion Requirements

Option specific requirements:

- Take 4 or more courses in one selected option. See Environmental Sustainability web page for approved option lists.
    - Business/Nonprofit Environmental Sustainability
    - Environmental Communication
    - Environmental Education
    - Environmental Policy and Law
    - Global Honors (Proposed effective date Winter 2021)

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Additional Information

Note: Environmental Sustainability majors may not earn the Environmental Studies minor or Restoration Ecology minor. Environmental Sustainability majors may earn the Restoration Ecology certificate.

Student Learning Outcomes

- Students who complete this degree will:
  - Demonstrate scientific literacy tied to core content in scientific disciplines vital to understanding human-environmental interactions and sustainability.
  - Exhibit advanced capabilities for interpreting and communicating information related to environmental issues and sustainability, in written and oral forms, to both scientific and non-technical audiences.
  - Demonstrate in-depth mastery of a focal area within environmental sustainability.
  - Cultivate skills critical to interpreting scientific concepts for public understanding, including familiarity with the scientific method, information literacy, data analysis, conceptual modeling, and working collaboratively.
  - Be conversant in the theoretical and applied concepts in environmental natural sciences, social sciences, and other ways of knowing, and the interdisciplinary connections among them, relating to environmental issues.
  - Apply interdisciplinary knowledge and skills to environmental and sustainability challenges of local, regional, national or global significance.
  - Participate in engaged inquiry as a means of connecting classroom learning to real-world environmental problem solving and establishing the skills needed for life-long learning.

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⊖ Program of Study: Major: Mathematics

Program Overview

Explores three branches of mathematics—algebra, analysis, and geometry—with deeper study of one to foster a maturity of mathematical thought in a modern context. Provides a strong theoretical and practical basis for STEM-related jobs.

This program of study leads to the following credential:

- Bachelor of Science degree with a major in Mathematics

⊖ Bachelor of Science degree with a major in Mathematics

Completion Requirements

To be eligible for graduation with the bachelor of arts degree, each student enrolled in the program must complete the following program requirements:

- Complete all general education requirements not met with transfer courses. (See advisor for details.)
- Complete a minimum of 45 credits of School of Interdisciplinary Arts and Sciences course work. Some majors or concentrations may require more.
- Complete a minimum of 45 credits of upper-division course work, including transfer courses and UW Tacoma courses.
- Complete 5 credits of English composition with a minimum 2.0 grade. This must be completed in a student's first two quarters at UW Tacoma.
- Complete the requirements for a major or concentration (minors are optional).
- No more than 15 elective credits can be taken for a Satisfactory/Not Satisfactory grade. See advisor for details.
- Meet with an advisor to complete a graduation application no later than the second week of the quarter in which the student plans to graduate.
- To meet the degree requirements for a B.S. in Mathematics, you need to complete 79 credits, including a completed mathematics capstone experience. You must earn a total of 180 quarter credits, or 225 quarter credits for a double degree, to earn a bachelor degree in your chosen major.
  - Mathematics Core (49 credits). A grade of at least 1.5 is required for TMATH 402 and TMATH 424. List of required courses:

        - TMATH 124
        - TMATH 125
        - TMATH 126
        - TMATH 207 (formerly TMATH 307)
        - TMATH 208 (formerly TMATH 308)
        - TMATH 300
        - TMATH 324
        - TMATH 350 (must co-enroll in TMATH 351)
        - TMATH 351
        - TMATH 402
        - TMATH 424
    - Extended Core (5 credits). At least one of the following courses is required, with a grade of at least 1.5.
        - TMATH 403
        - TMATH 425
    - Electives Guaranteeing Breadth of Knowledge (20 credits). A total of 20 credits must be taken; each area requires a minimum of three credits and at least one course. No more than 5 credits can be satisfied by a course numbered below 300. No more than 5 credits can be satisfied by TMATH 495, TMATH 496, TMATH 498, or TMATH 499. Note that a class may satisfy two elective areas, which will afford students the promised flexibility to tailor their studies toward their desired career goals.
    - Computing—
        - Required: a minimum of three credits and at least one course. See Mathematics web page for approved list of Computing courses.
    - Math in Culture—
        - Required: a minimum of three credits and at least one course. See Mathematics web page for approved list of Math in Culture courses.
    - Modeling—
        - Required: a minimum of three credits and at least one course. See Mathematics web page for approved list of Modeling courses.
    - Probability/Statistics—
        - Required: a minimum of three credits and at least one course. See Mathematics web page for approved list of Probability/Statistics courses.
    - Topology/Geometry—
        - Required: a minimum of three credits and at least one course. See Mathematics web page for approved list of Topology/Geometry courses.
    - Additional courses that count as general electives—
        - See Mathematics web page for approved list of additional courses that count as general electives.
    - Capstone Experience:

        - The Mathematics capstone experience typically consists of completing a project in two quarters, beginning with a directed reading course (TMATH 498), an undergraduate research experience (a Research Experience for Undergraduates or TMATH 499), an experiential learning course (such as TMATH 495), or an internship (TMATH 496). The capstone experience culminates in a paper which will be completed as part of TMATH 450, the Mathematics Capstone course required for graduation. This course is designed to provide extensive opportunities to hone technical communication skills in mathematics.

        - To prepare to enroll in TMATH 450, the capstone project should be started no later than the summer before 450 is to be taken. The capstone paper is used as a basis for enrollment in TMATH 450 in Winter quarter; enrollment is granted by instructor permission only, in consultation with each student's capstone faculty advisor(s). In order to be considered, the mathematics program recommends that 75% of the work be completed prior to requesting enrollment in TMATH 450. Students in TMATH 450 must earn marks at or above 1.5, and must co-enroll in TMATH 351 (Mathematics Seminar).

        - Students may petition for their capstone project to fulfill one elective area of knowledge in the mathematics major.
    - Additional Requirements:
        - All B.S. students must complete the following requirements prior to graduation from UW Tacoma:
            - 10 credits of foreign language - two quarters in college or two years in high school of a single language
            - 20 credits of A&H - Arts and Humanities (humanities)
            - 20 credits of SSc - Social Sciences (social science courses)
            - It is common for transfer students to have already met some or all of these requirements. Whatever a student is missing will become part of their study plan while at UW Tacoma.
    - TMATH Portfolio Requirements:
        - Portfolios are submitted as part of course requirements for TMATH 450.

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Additional Information

Note: Mathematics major students cannot minor in Mathematics.

Student Learning Outcomes

- By graduating with a B.S. in Mathematics, you will be able to understand, communicate, and apply mathematics. In particular, you will be able to:
    - Comprehend, discover, and communicate common principles from algebra, geometry, and analysis,
    - Use probability or statistics correctly and effectively,
    - Recognize, understand and also make your own mathematically rigorous arguments,
    - Interpret and present results to a technical audience, both in writing and verbally,
    - Describe how mathematical or quantitatively-based arguments affect society,
    - Modify problems to make them tractable,
    - Use technology to aid in solving problems,
    - Apply quantitative theory, modeling, or mathematical principles to other disciplines to solve problems.

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⊖ Program of Study: Major: Statistics and Data Science

Program Overview

Provides a strong foundation in the theory and application of statistics and data science, with coursework in Probability and Statistics, Linear Modeling, Experimental Design, Statistical Consulting, Statistical Computing, and Machine Learning. Applications are emphasized throughout the coursework with examples and projects in contemporary and widespread computing platforms. Prepares students for a career in Data Science or Statistical Consulting, or for graduate work in Statistics.

This program of study leads to the following credential:

- Bachelor of Science degree with a major in Statistics and Data Science

⊖ Bachelor of Science degree with a major in Statistics and Data Science

Credential Overview

Provides a strong foundation in the theory and application of statistics and data science, with coursework in Probability and Statistics, Linear Modeling, Experimental Design, Statistical Consulting, Statistical Computing, and Machine Learning. Applications are emphasized throughout the coursework with examples and projects in contemporary and widespread computing platforms. Prepares students for a career in Data Science or Statistical Consulting, or for graduate work in Statistics.

Completion Requirements

To be eligible for graduation with the bachelor of sciences degree, each student enrolled in the program must complete the following program requirements:

- Complete all general education requirements not met with transfer courses. See advisor for details.
- Complete a minimum of 45 credits of Interdisciplinary Arts and Sciences course work. Some majors or concentrations may require more.
- Complete a minimum of 45 credits of upper-division course work, including transfer courses and UW Tacoma courses.
- Complete the requirements for a major or concentration (minors are optional).
- Minimum 2.00 cumulative GPA across all TSTAT courses.
- Minimum 2.00 cumulative GPA across all courses applied to the major requirements
- Overview of Requirements
    - Preparatory Coursework: 28-35 credits
    - Core Courses in Statistics and Data Science: 30 credits
    - Statistics and Data Science Electives: 15-16 credits; see Statistics and Data Science web page for approved list
    - Capstone in Statistics and Data Science: 11 credits
    - Ethics Course: 5 credits; Choose one course from the Ethics list; see Statistics and Data Science web page for approved list.
    - Foundational Applied Course: 5-6 credits; Choose one course from the Foundational Applied list; see Statistics and Data Science web page for approved list
- Preparatory Coursework: 28-35 credits
    - TMATH 390 (5 credits) or TMATH 110 & TMATH 210 (10 credits) minimum 2.0 grade
    - TMATH 124 minimum 2.0 grade
    - TMATH 125 minimum 2.0 grade
    - TMATH 126 minimum 2.0 grade
    - TMATH 224 or MATH 224 minimum 2.0 grade
    - TMATH 208 or MATH 208 minimum 2.0 grade
- Core Courses in Statistics and Data Science: 30 credits
    - TSTAT 280 minimum 2.0 grade
    - TSTAT 345 minimum 2.0 grade
    - TSTAT 346 minimum 2.0 grade
    - TSTAT 336
    - TSTAT 430
    - TSTAT 422
- Capstone in Statistics and Data Science: 11 credits
    - TSTAT 380 minimum 2.0 grade
    - Capstone see Statistics and Data Science web page for approved list of capstone courses: Minimum 3 credits
    - TSTAT 450
- Ethics: 5 credits
    - Choose one course from the Ethics list; see Statistics and Data Science web page for approved list.
- Foundational Applied: 5-6 credits
    - Choose one course from the Foundational Applied list; see Statistics and Data Science web page for approved list.
- Statistics and Data Science Electives: 15-16 credits
    - See Statistics and Data Science web page for approved list

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Additional Information

Student Learning Goals

1. Explain the concepts and techniques used in statistical theory and its applications.

2. Apply analytical methods of data exploration, descriptive and graphical methods, and basic inference.
3. Apply statistical analysis, modeling and advanced inference to science, engineering and business.
4. Use programming and statistical software to manipulate data and facilitate statistical computing.
5. Demonstrate skills in working with large datasets that include data manipulation and data management.
6. Communicate results and limitations both verbally and in writing to general and technical audiences.
7. Demonstrate responsible and ethical professional conduct that respects diverse perspectives and promotes equity and inclusivity.

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Program of Study: Minor: Ecological Restoration

Program Overview

This provides training from theory to practice, giving you the skills necessary to participate as an effective team member and leader on challenging restoration projects. This minor illustrates to employers and funding agencies that you have completed fundamental training in restoration ecology, including a one-year team-based restoration project. The modern field of ecological restoration showcases the necessity and merits of interdisciplinary approaches to real-world problems. Effective restoration of complex ecosystems and their human interplay requires a fusion of expertise from ecology, other life sciences, physical and social sciences and the humanities. The minor seeks to prepare students to address the complex relationships of human communities and ecological sustainability. The minor is a tri-campus initiative (UW Bothell, UW Seattle and UW Tacoma). You may, but are not required to, take courses from more than one campus in order to earn the minor.

This program of study leads to the following credential:

- Minor in Ecological Restoration

Minor in Ecological Restoration

Completion Requirements

All courses must be completed with a minimum grade of 2.0

- Introduction: 5 credits
  - T BIOL 362(formerly TESC 362) or ESRM 362/ENVIR 362 or BES 362
- Restoration-related courses: 10 credits
  - T BIOL 232 (formerly TESC 232)
  - T CHEM 333(formerly TESC 333)
  - TESC 319
  - TESC 345
  - TESC 431
  - T GIS 311
  - T LAW 339 (formerly TEST 339)
  - Or, students may complete 10 credits of restoration-related courses from an approved list of courses that is available on the UW-REN website. Courses not on the list can be petitioned to the UW-REN director.
- UW-REN Senior Restoration Capstone: 10 credits
  - The capstone consists of a three-quarter, 10-credit sequence of courses that take place during the fall-winter-spring quarters. In the capstone, students participate in a hands-on restoration project from design, analysis, and implementation to developing a monitoring plan, all within a multidisciplinary teamwork setting.
  - TBIOL 462/463/464 (3 course series; formerly TESC 462/463/464)

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Program of Study: Minor: Environmental Studies

Program Overview

An option for students without the science prerequisites to do the B.S. in Environmental Science or the B.A. in Environmental Studies, this minor provides a good grounding in the principles of the field. The Environmental Studies minor can provide a useful supplement to the coursework of SIAS students who have an interest in environmental law, as an attorney or paralegal; environmental policy, working for governmental agencies, legislative bodies or in environmental non-profits; or environmental psychology, justice or racism.

This program of study leads to the following credential:

- Minor in Environmental Studies

⊖ Minor in Environmental Studies

Credential Overview

An option for students without the science prerequisites to do the B.S. in Environmental Science or the B.A. in Environmental Studies, this minor provides a good grounding in the principles of the field. The Environmental Studies minor can provide a useful supplement to the coursework of SIAS students who have an interest in environmental law, as an attorney or paralegal; environmental policy, working for governmental agencies, legislative bodies or in environmental non-profits; environmental psychology, justice or racism.

Completion Requirements

All courses in the minor must be completed with a cumulative 2.0 GPA. Please see advisor to discuss details.

- The minor in Environmental Studies requires 25 credits to include:
  - TESC 201- 5 credits (may be met with an approved transfer course; see advisor to make the exception.)
    - Evening students: TESC 201 is not offered in the evening. It may be possible to complete this lab requirement in an alternative way. Contact an IAS advisor for more details.
  - 5 credits of Biological Environmental Science (B) course; see below for list.
  - 5 credits of Physical Environmental Science (P) course; see below for list.
  - 5 credits of Environmental Ethics or Philosophy:
    - T EGL 210
    - T EGL 304
    - T PHIL 364
    - T PHIL 456
  - 5 credits of Environmental Law, Policy, or Regulations:
    - TECON 421
    - TEST 333
    - TEST 335
    - TEST 337
    - TEST 343
    - TEST 345
    - T LAW 339 (formerly TEST 339)
    - T LAW 438(formerly TPOL S 438)
- Biology (B) & Physical Science (P) Course List
  - T BIOL 110 (B) (formerly TESC 110)
  - T BIOL 120 (B) (formerly TESC 120)
  - T BIOL 202 (B) (formerly TESC 202)
  - T BIOL 203 (B) (formerly TESC 402)
  - T BIOL 204 (B) (formerly TESC 304)
  - T BIOL 222 (B)
  - T BIOL 232 (B) (formerly TESC 232)

- T BIOL 234 (B) (formerly TESC 234)
- T BIOL 236 (B) (formerly TESC 236)
- T BIOL 238 (B) (formerly TESC 238)
- T BIOL 240 (B) (formerly TESC 240)
- T BIOL 270 (B) (formerly TESC 370)
- T BIOL 307 (B) (formerly TESC 440)
- T BIOL 318 (P or B) (formerly TESC 318)
- T BIOL 324 (B) (formerly TESC 302)
- T BIOL 362 (B) (formerly TESC 362)
- T BIOL 404 (B) (formerly TESC 404)
- T BIOL 408 (B) (formerly TESC 408)
- T BIOL 422 (B) (formerly TESC 422)
- T BIOL 432 (B) (formerly TESC 432)
- T BIOL 434 (B) (formerly TESC 332)
- T BIOL 438 (B) (formerly TESC 438)
- T BIOL 442 (B) (formerly TESC 442)
- T BIOL 452 (B) (formerly TESC 452)
- T BIOL 478 (B) (formerly TESC 378)
- T CHEM 142 (P)
- T CHEM 245 (P) (formerly TESC 245)
- TESC 102 (B)
- TESC 237 (P)
- TESC 239 (P)
- TESC 303 (B,P)
- TESC 319 (P)
- TESC 345 (P)
- TESC 430 (P)
- TESC 431 (P)
- TESC 433 (P)
- TESC 435 (P)
- TESC 490 (B)
- TEST 426 (B) (formerly TESC 426)
- T GEOS 107 (P) (formerly TESC 107)
- T GEOS 117 (P) (formerly TESC 117)
- T GEOS 215 (P) (formerly TESC 215)
- T GEOS 227 (P) (formerly TESC 227)
- T GEOS 241 (P) (formerly TGEOS 241)
- T GEOS 243 (B) (formerly TESC 243)
- T GEOS 247 (P) (formerly TESC 247)
- T GEOS 317 (P) (formerly TESC 317)
- T GEOS 321 (P) (formerly TESC 321)
- T GEOS 337 (formerly TESC 337)(P)
- T GEOS 341 (P) (formerly TESC 341)
- T GEOS 343 (P) (formerly TESC 343)
- T GEOS 349 (P or B) (formerly TESC 349)
- T GEOS 415 (P) (formerly TESC 415)
- T GEOS 417 (P) (formerly TESC 417)
- T GEOS 445 (B/P) (formerly TESC 445)
- T GIS 311 (P)
- T PHYS 111 (P) (formerly TESC 111)

- T PHYS 213 (P) (formerly TESC 213)
- T PHYS 315 (P) (formerly TESC 315)

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Additional Information

Note: Environmental Studies or Environmental Science major students cannot minor in Environmental Studies.

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⊖ Program of Study: Minor: Mathematics

Program Overview

The study of mathematics emphasizes exposure to the core foundational areas of analysis, modern algebra, and geometry. A mathematician's skill set includes the technical tools specific to each area as well as the development of critical thinking skills necessary for logical reasoning. A student completing a minor in mathematics should be able to demonstrate mathematical skill with basic computational tools and methods; use analytical reasoning to organize and write strong arguments; demonstrate understanding of at least one foundational area of mathematics; and apply mathematical theory to another discipline.

This program of study leads to the following credential:

- Minor in Mathematics

⊖ Minor in Mathematics

Credential Overview

The study of mathematics emphasizes exposure to the core foundational areas of analysis, modern algebra, and geometry. A mathematician's skill set includes the technical tools specific to each area as well as the development of critical thinking skills necessary for logical reasoning. A student completing a minor in mathematics should be able to demonstrate mathematical skill with basic computational tools and methods; use analytical reasoning to organize and write strong arguments; demonstrate understanding of at least one foundational area of mathematics and apply mathematical theory to another discipline.

Completion Requirements

Courses used as part of the minor must have a minimum grade of 2.0 for each course. At least 8 credits of the coursework applied to the minor must be outside of the student's major(s) requirements. Minimum 10 credits of TMATH courses taken in residence at UW Tacoma.

- The Mathematics minor requires 32 credits, to include:
  - Required Courses: 15 credits
    - TMATH 125
    - TMATH 126
    - TMATH 300
  - Math Electives: 17 credits minimum
    - Minimum of 12 credits from at least three courses numbered at 300-level or above. (Please see website for current list of approved courses.)
    - Advanced Placement (AP) credit may only count for up to 11 credits of the minor.

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Additional Information

Note: Mathematics major students cannot minor in Mathematics.

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Program of Study: Minor: Sustainability

Program Overview

The discipline of sustainability grows from the recognition that the current trajectory humans are on cannot be sustained. This minor gives you grounding in sustainability practice and theory, and creates a foundational understanding of local and global problems from a social, economic and environmental perspective. Solutions for many of the complex, large scale sustainability issues we currently face, such as social injustice, economic inequity, environmental destruction and climate change, require an understanding of these issues from multiple perspectives. It is within the overlap of these multiple perspectives that sustainability solutions exist. This is why this minor in sustainability is such a valuable addition to any major, including business and engineering. The minor will enhance your sustainability literacy regardless of your major.

This program of study leads to the following credential:

- Minor in Sustainability

Minor in Sustainability

Completion Requirements

All courses in the minor must be completed with a cumulative 2.0 GPA. Students select 15 credits from three areas; programs will advise students where to focus within the 3 areas to complement their majors.

- 60% of the coursework applied to the minor must be taken outside of the student's major(s) requirements.
- A capstone project is required. The culminating capstone must be different from the student's major(s) capstone.
- Sustainability Foundation Courses: 15 credits
  - TESC 201
  - TEST 295
  - T SUD 222
- Additional Requirements: 15 credits
  - Programs will advise students where to focus within the three areas, to complement major.
  - See Sustainability minor web page for approved list.
  - Select 15 credits from the following areas:
    - Policy, Society, and Economics
    - Science, Environmental Issues, and Environmental Thought
    - Social Justice and Global Perspectives in Sustainability
- Capstone:
  - Select one of the capstone course options (cannot use the same capstone for major and minor).
  - See Sustainability minor web page for approved list.

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Additional Information

Student Learning Outcomes

- At the end of this minor, students should be able to:
  - Demonstrate a deep understanding of the local and global challenges to sustainability from economic, environmental and social perspectives.
  - Apply the skills and knowledge to communicate and critically evaluate sustainability issues across disciplines.

- Link knowledge with action in order to promote sustainability and serve as leaders in their communities.
- Recognize how social, economic, and environmental equity issues are embedded within sustainability.

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⊖ Graduate Program

Sciences and Mathematics

⊖ Program of Study: Master Of Science In Environmental Science

Program Overview

This program of study leads to the following credential:

- Master Of Science In Environmental Science

Admission Requirements

Contact department for requirements.

⊖ Master Of Science In Environmental Science

Completion Requirements

Contact department for requirements.

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School of Interdisciplinary Arts and Sciences

Social Sciences

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Program of Study: Minor: Social Science Research Methods
Minor in Social Science Research Methods
Program of Study: Minor: Sociology
Minor in Sociology

Undergraduate Programs

Social Sciences

Program of Study: Major: Economics and Policy Analysis

Program Overview

The Economics and Policy Analysis major develops students' advanced economic reasoning, and applies this to policy-related issues. Students learn to think critically about the nexus between markets and the government, and engage in critical inquiry over policies undertaken by their community governments. Through the sequencing of coursework, students in this major will apply their knowledge and skills to community affairs and local decision-making. The curricular content of this major links students with some of the economic challenges facing Tacoma, South Puget Sound and Washington State. Graduates of this major will be prepared to pursue graduate studies in Health Care Policy, Regional and Urban Studies, Public Policy, Public Administration, and Law. They will also be well-positioned to begin mid-level careers in government, policy-related enterprises, and business.

This program of study leads to the following credential:

- Bachelor of Arts degree with a major in Economics and Policy Analysis

Bachelor of Arts degree with a major in Economics and Policy Analysis

Credential Overview

The Economics and Policy Analysis major develops students' advanced economic reasoning, and applies this to policy-related issues. Students learn to think critically about the nexus between markets and the government, and engage in critical inquiry over policies undertaken by their community governments. Through the sequencing of coursework, students in this major will apply their knowledge and skills to community affairs and local decision-making. The curricular content of this major links students with some of the economic challenges facing Tacoma, South Puget Sound and Washington State. Graduates of this major will be prepared to pursue graduate studies in Health Care Policy, Regional and Urban Studies, Public Policy, Public Administration, and Law. They will also be well-positioned to begin mid-level careers in government, policy-related enterprises, and business.

Completion Requirements

Complete a minimum of 45 credits of Interdisciplinary Arts and Sciences course work.
Complete a minimum of 45 credits of upper-division course work, including transfer courses and UW Tacoma courses.

65 credits

Core Courses (25 credits)

- TECON 200
- TECON 201
- T PHIL 251
- TMATH 116 (or equivalent), OR TMATH 120 (or equivalent)
- TWRT 211

Required Core: TECON 310 (5 credits)

- Students must complete a 5-credit seminar class on Economics and Public Policy analysis. The goal of this class is to leave data analysis, and reinforce the analytical tools and theoretical concepts that will underpin all 400-level coursework in the major as well as the capstone. We will also discuss potential employment and graduate school opportunities for graduates in this major. Prerequisites: All courses in section (a).

Upper-Division Courses (35 credits)

- Students must complete 30 credits of upper-division (300- or 400-level) TECON classes. At least 20 of these credits must be 400-level TECON classes. Please see website for approved list.
- TECON 480 (5 credits) or TECON 496 (5 credits)

Honors Graduation Requirements

- Students can earn an Honors in Economics and Policy Analysis by demonstrating that a student has achieved a high level of expertise in economic theory and quantitative methods, such as would be expected for someone wishing to pursue graduate studies in economics. To earn Honors, students must have a cumulative GPA of 3.50 or higher, and supplement the major requirements with the following three courses (with an average GPA of at least 3.00 for the three:
  - TBECON 420: Intermediate Microeconomic Theory
  - TBECON 421: Intermediate Macroeconomic Theory
  - TBECON 422: Econometrics or
  - TMATH 410: Regression Analysis with Applications

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⊖ Program of Study: Major: Ethnic, Gender, and Labor Studies

Program Overview

Explores how communities form and are transformed by class, ethnicity, gender, nationality, religion, and citizenship. Analyzes historical roots of various communities and movements for social change.

This program of study leads to the following credentials:

- Bachelor of Arts degree with a major in Ethnic, Gender, and Labor Studies: Ethnic
- Bachelor of Arts degree with a major in Ethnic, Gender, and Labor Studies: Gender
- Bachelor of Arts degree with a major in Ethnic, Gender, and Labor Studies: Labor

⊖ Bachelor of Arts degree with a major in Ethnic, Gender, and Labor Studies: Ethnic

Completion Requirements

To be eligible for graduation with the bachelor of arts degree, each student enrolled in the program must complete the following program requirements:

- Complete all general education requirements not met with transfer courses. See advisor for details.
- Complete a minimum of 45 credits of Interdisciplinary Arts and Sciences course work. Some majors or concentrations may require more.
- Complete a minimum of 45 credits of upper-division course work, including transfer courses and UW Tacoma courses.
- Complete 5 credits of English composition with a minimum 2.0 grade. This must be completed in a student's first two quarters at UW Tacoma.
- Complete the requirements for a major or concentration (minors are optional).
- No more than 15 elective credits can be taken for a Satisfactory/Not Satisfactory grade. See advisor for details.
- Meet with an advisor to complete a graduation application no later than the second week of the quarter in which the student

plans to graduate.

- Requires 60 credits. Courses cannot be double-counted to fulfill multiple requirements within the major. Overall, 45 upper-division credits and 45 credits of IAS courses are required to graduate.
    - Core Courses List A (25 credits):
        - 10 credits; both courses:
            - T EGL 101
            - TWOMN 101
        - Choose One of (5 credits):
            - T EGL 266
            - THIST 322
            - TPOL S 270
        - Choose One of (5 credits:
            - T EGL 112
            - T EGL 202
            - T HIST 220
            - T HIST 221
            - T HIST 222
            - T HIST 320
            - T LAX 238 (formerly T HISP 238)
            - T LIT 320
            - T SOC 265
            - T SOC 270
        - Choose One of (5 credits):
            - T EGL 210
            - T EGL 401
            - T HIST 437
            - T SOC 439
            - T SOC 460
            - T SOC 470
    - Options
        - In addition to the above requirements, students choose one of three separate options.
        - Additional requirements specified below.

Additional Completion Requirements

Option specific requirements

- To fulfill this option, you must take three courses from the list below, as well as two additional courses from the Labor Studies option (List B) and two additional courses from the Gender Studies option (List C).
    - See the Ethnic, Gender and Labor Studies web page for approved Ethnic Studies list.

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⊖ Bachelor of Arts degree with a major in Ethnic, Gender, and Labor Studies: Gender

Completion Requirements

To be eligible for graduation with the bachelor of arts degree, each student enrolled in the program must complete the following program requirements:

- Complete all general education requirements not met with transfer courses. See advisor for details.
- Complete a minimum of 45 credits of Interdisciplinary Arts and Sciences course work. Some majors or concentrations may

require more.

- Complete a minimum of 45 credits of upper-division course work, including transfer courses and UW Tacoma courses.
- Complete 5 credits of English composition with a minimum 2.0 grade. This must be completed in a student's first two quarters at UW Tacoma.
- Complete the requirements for a major or concentration (minors are optional).
- No more than 15 elective credits can be taken for a Satisfactory/Not Satisfactory grade. See advisor for details.
- Meet with an advisor to complete a graduation application no later than the second week of the quarter in which the student plans to graduate.
- Requires 60 credits. Courses cannot be double-counted to fulfill multiple requirements within the major. Overall, 45 upper-division credits and 45 credits of IAS courses are required to graduate.
    - Core Courses List A (25 credits):
        - 10 credits; both courses:
            - T EGL 101
            - TWOMN 101
        - Choose One of (5 credits):
            - T EGL 266
            - THIST 322
            - TPOL S 270
        - Choose One of (5 credits:
            - T EGL 112
            - T EGL 202
            - T HIST 220
            - T HIST 221
            - T HIST 222
            - T HIST 320
            - T LAX 238 (formerly T HISP 238)
            - T LIT 320
            - T SOC 265
            - T SOC 270
        - Choose One of (5 credits):
            - T EGL 210
            - T EGL 401
            - T HIST 437
            - T SOC 439
            - T SOC 460
            - T SOC 470
    - Options
        - In addition to the above requirements, students choose one of three separate options.
        - Additional requirements specified below.

Additional Completion Requirements

Option specific requirements

- To fulfill this option, you must take three courses from the list below, as well as two additional courses from the Labor Studies option (List B) and two additional courses from the Ethnic Studies option (List D).
    - See the Ethnic, Gender and Labor Studies web page for approved Gender Studies list.

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⊖ Bachelor of Arts degree with a major in Ethnic, Gender, and Labor Studies: Labor

Completion Requirements

To be eligible for graduation with the bachelor of arts degree, each student enrolled in the program must complete the following program requirements:

- Complete all general education requirements not met with transfer courses. See advisor for details.
- Complete a minimum of 45 credits of Interdisciplinary Arts and Sciences course work. Some majors or concentrations may require more.
- Complete a minimum of 45 credits of upper-division course work, including transfer courses and UW Tacoma courses.
- Complete 5 credits of English composition with a minimum 2.0 grade. This must be completed in a student's first two quarters at UW Tacoma.
- Complete the requirements for a major or concentration (minors are optional).
- No more than 15 elective credits can be taken for a Satisfactory/Not Satisfactory grade. See advisor for details.
- Meet with an advisor to complete a graduation application no later than the second week of the quarter in which the student plans to graduate.
- Requires 60 credits. Courses cannot be double-counted to fulfill multiple requirements within the major. Overall, 45 upper-division credits and 45 credits of IAS courses are required to graduate.
    - Core Courses List A (25 credits):
        - 10 credits; both courses:
            - T EGL 101
            - TWOMN 101
        - Choose One of (5 credits):
            - T EGL 266
            - THIST 322
            - TPOL S 270
        - Choose One of (5 credits:
            - T EGL 112
            - T EGL 202
            - T HIST 220
            - T HIST 221
            - T HIST 222
            - T HIST 320
            - T LAX 238 (formerly T HISP 238)
            - T LIT 320
            - T SOC 265
            - T SOC 270
        - Choose One of (5 credits):
            - T EGL 210
            - T EGL 401
            - T HIST 437
            - T SOC 439
            - T SOC 460
            - T SOC 470
    - Options
        - In addition to the above requirements, students choose one of three separate options.
        - Additional requirements specified below.

Additional Completion Requirements

Option specific requirements

- To fulfill this option, you must take three courses from the list below, as well as two additional courses from the Gender Studies option (List C) and two additional courses from Ethnic Studies option (List D).
    - See the Ethnic, Gender and Labor Studies web page for approved Labor Studies list.

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Additional Information

Student Learning Outcomes

- Learn to assess socially meaningful identities in a variety of cultural and critical contexts, and to communicate across social boundaries in a multi-cultural world.
- Learn how to integrate and link ethnic, gender and labor studies.
- Develop comparative research and critical thinking skills for understanding the range of lived experiences in local and global communities and to understand how power operates in society.
- Develop research and writing skills in an integrative learning approach including a range of humanities and social science perspectives.
- Understand various analytical and/or rhetorical frameworks related to various areas of study within ethnic, gender and labor studies and relevant to the world of work, civic engagement and community development.

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⊖ Program of Study: Major: History

Program Overview

Explores history by analyzing primary and secondary sources to identify significant aspects, reach conclusions, and produce written and oral materials related to a particular subject(s). Five options: General History, Arts, Culture and Society; Global History; Labor and Social Movements; Power, Gender and Identity.

This program of study leads to the following credentials:

- Bachelor of Arts degree with a major in History
- Bachelor of Arts degree with a major in History: Arts, Culture and Society
- Bachelor of Arts degree with a major in History: Global History
- Bachelor of Arts degree with a major in History: Labor and Social Movements
- Bachelor of Arts degree with a major in History: Power, Gender and Identity

⊖ Bachelor of Arts degree with a major in History

Credential Overview

Explores history by analyzing primary and secondary sources to identify significant aspects, reach conclusions, and produce written and oral materials related to a particular subject(s).

Completion Requirements

To be eligible for graduation with the bachelor of arts degree, each student enrolled in the program must complete the following program requirements:

- Complete all general education requirements not met with transfer courses. See advisor for details.
- Complete a minimum of 45 credits of Interdisciplinary Arts and Sciences course work. Some majors or concentrations may require more.

- Complete a minimum of 45 credits of upper-division course work, including transfer courses and UW Tacoma courses.
- Complete 5 credits of English composition with a minimum 2.0 grade. This must be completed in a student's first two quarters at UW Tacoma.
- Complete the requirements for a major or concentration (minors are optional).
- No more than 15 elective credits can be taken for a Satisfactory/Not Satisfactory grade. See advisor for details.
- Meet with an advisor to complete a graduation application no later than the second week of the quarter in which the student plans to graduate.
- The Bachelor of Arts in History requires 60 credits. These will include the required Core Courses (30 credits). The choice of remaining elective History coursework (30 credits) is entirely at the student's discretion. This coursework varies, however, depending on whether you have chosen to declare the general History major or one of the History thematic options. If you do the general History major, the remaining 30 credits of coursework must have a THIST prefix, and 25 of those credits must be upper division. If you choose one of the thematic options, you must choose 30 elective credits from the approved course lists.
- Required 30 credits (each course 5 credits unless otherwise noted)
  - T HIST 150
  - T HIST 151
  - T HIST 200
  - T HIST 201
- To be taken after consultation with an advisor:
  - T HIST 380 (taken in junior year - recommended prerequisite: THIST 101)
  - T HIST 498 (taken in your last 1-2 quarters - including senior paper and T HIST portfolio) - 2.0 minimum grade required.
    - Prerequisite: T HIST 380 with a minimum 2.0 grade
- History thematic options (30 credits)
  - Minimum 25 credits of upper-division courses
  - Additional requirements specified below.

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⊖ Bachelor of Arts degree with a major in History: Arts, Culture and Society

Credential Overview

The Arts, Culture and Society option is designed to offer students a strong foundation for understanding the interconnection between cultural production and historical causation where ideas, art, architecture, literature, film and the performing arts function as agents of social and historical change. This option is interdisciplinary and examines the intersection and interaction between politics, science, economics, social ritual and development, class, gender, and race across a global environment over time.

Completion Requirements

To be eligible for graduation with the bachelor of arts degree, each student enrolled in the program must complete the following program requirements:

- Complete all general education requirements not met with transfer courses. See advisor for details.
- Complete a minimum of 45 credits of Interdisciplinary Arts and Sciences course work. Some majors or concentrations may require more.
- Complete a minimum of 45 credits of upper-division course work, including transfer courses and UW Tacoma courses.
- Complete 5 credits of English composition with a minimum 2.0 grade. This must be completed in a student's first two quarters at UW Tacoma.
- Complete the requirements for a major or concentration (minors are optional).
- No more than 15 elective credits can be taken for a Satisfactory/Not Satisfactory grade. See advisor for details.
- Meet with an advisor to complete a graduation application no later than the second week of the quarter in which the student plans to graduate.
- The Bachelor of Arts in History requires 60 credits. These will include the required Core Courses (30 credits). The choice of

remaining elective History coursework (30 credits) is entirely at the student's discretion. This coursework varies, however, depending on whether you have chosen to declare the general History major or one of the History thematic options. If you do the general History major, the remaining 30 credits of coursework must have a THIST prefix, and 25 of those credits must be upper division. If you choose one of the thematic options, you must choose 30 elective credits from the approved course lists.

- Required 30 credits (each course 5 credits unless otherwise noted)
  - T HIST 150
  - T HIST 151
  - T HIST 200
  - T HIST 201
- To be taken after consultation with an advisor:
  - T HIST 380 (taken in junior year - recommended prerequisite: THIST 101)
  - T HIST 498 (taken in your last 1-2 quarters - including senior paper and T HIST portfolio) - 2.0 minimum grade required.
    - Prerequisite: T HIST 380 with a minimum 2.0 grade
- History thematic options (30 credits)
  - Minimum 25 credits of upper-division courses
  - Additional requirements specified below.

Additional Completion Requirements

Option specific requirements

- List A - Arts, Culture and Society Option - Please See Website

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⊖ Bachelor of Arts degree with a major in History: Global History

Credential Overview

The Global History option is designed to offer students a strong foundation for understanding the relational forces between continents, and the historical process of globalization. Colonialism, imperialism, anticolonial independence movements, and the national and transnational effects they cause are additional areas of study. This option is interdisciplinary and prepares students for investigating issues of globalization, such as the impact of colonization and aggressive imperial expansion on dominated territories and their history.

Completion Requirements

To be eligible for graduation with the bachelor of arts degree, each student enrolled in the program must complete the following program requirements:

- Complete all general education requirements not met with transfer courses. See advisor for details.
- Complete a minimum of 45 credits of Interdisciplinary Arts and Sciences course work. Some majors or concentrations may require more.
- Complete a minimum of 45 credits of upper-division course work, including transfer courses and UW Tacoma courses.
- Complete 5 credits of English composition with a minimum 2.0 grade. This must be completed in a student's first two quarters at UW Tacoma.
- Complete the requirements for a major or concentration (minors are optional).
- No more than 15 elective credits can be taken for a Satisfactory/Not Satisfactory grade. See advisor for details.
- Meet with an advisor to complete a graduation application no later than the second week of the quarter in which the student plans to graduate.
- The Bachelor of Arts in History requires 60 credits. These will include the required Core Courses (30 credits). The choice of remaining elective History coursework (30 credits) is entirely at the student's discretion. This coursework varies, however, depending on whether you have chosen to declare the general History major or one of the History thematic options. If you do

the general History major, the remaining 30 credits of coursework must have a THIST prefix, and 25 of those credits must be upper division. If you choose one of the thematic options, you must choose 30 elective credits from the approved course lists.

- Required 30 credits (each course 5 credits unless otherwise noted)
  - T HIST 150
  - T HIST 151
  - T HIST 200
  - T HIST 201
- To be taken after consultation with an advisor:
  - T HIST 380 (taken in junior year - recommended prerequisite: THIST 101)
  - T HIST 498 (taken in your last 1-2 quarters - including senior paper and T HIST portfolio) - 2.0 minimum grade required.
    - Prerequisite: T HIST 380 with a minimum 2.0 grade
- History thematic options (30 credits)
  - Minimum 25 credits of upper-division courses
  - Additional requirements specified below.

Additional Completion Requirements

Option specific requirements

- List B - Global History Option - Please See Website

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⊖ Bachelor of Arts degree with a major in History: Labor and Social Movements

Credential Overview

The Labor and Social Movements option is designed to offer students a strong foundation for understanding historical roots and processes that shaped political, intellectual, economic and social developments and consequently the conditions of the working class in a global context. This option is interdisciplinary and examines the culture, politics, and socioeconomic conditions as they intersect with gender, labor, and race in changing contexts of (im)migration, famine, disenfranchisement, marginalization, oppression, and political disempowerment. Consequently, this option explores and analyzes social movements responding to these conditions such as socialism, protest, community organization, unionism and revolution.

Completion Requirements

To be eligible for graduation with the bachelor of arts degree, each student enrolled in the program must complete the following program requirements:

- Complete all general education requirements not met with transfer courses. See advisor for details.
- Complete a minimum of 45 credits of Interdisciplinary Arts and Sciences course work. Some majors or concentrations may require more.
- Complete a minimum of 45 credits of upper-division course work, including transfer courses and UW Tacoma courses.
- Complete 5 credits of English composition with a minimum 2.0 grade. This must be completed in a student's first two quarters at UW Tacoma.
- Complete the requirements for a major or concentration (minors are optional).
- No more than 15 elective credits can be taken for a Satisfactory/Not Satisfactory grade. See advisor for details.
- Meet with an advisor to complete a graduation application no later than the second week of the quarter in which the student plans to graduate.
- The Bachelor of Arts in History requires 60 credits. These will include the required Core Courses (30 credits). The choice of remaining elective History coursework (30 credits) is entirely at the student's discretion. This coursework varies, however, depending on whether you have chosen to declare the general History major or one of the History thematic options. If you do the general History major, the remaining 30 credits of coursework must have a THIST prefix, and 25 of those credits must be

upper division. If you choose one of the thematic options, you must choose 30 elective credits from the approved course lists.

- Required 30 credits (each course 5 credits unless otherwise noted)
  - T HIST 150
  - T HIST 151
  - T HIST 200
  - T HIST 201
- To be taken after consultation with an advisor:
  - T HIST 380 (taken in junior year - recommended prerequisite: THIST 101)
  - T HIST 498 (taken in your last 1-2 quarters - including senior paper and T HIST portfolio) - 2.0 minimum grade required.
    - Prerequisite: T HIST 380 with a minimum 2.0 grade
- History thematic options (30 credits)
  - Minimum 25 credits of upper-division courses
  - Additional requirements specified below.

Additional Completion Requirements

Option specific requirements

- List C - Labor and Social Movements Option - Please See Website

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⊖ Bachelor of Arts degree with a major in History: Power, Gender and Identity

Credential Overview

The Power, Gender and Identity option offers a strong foundation for understanding the historical roots of intersections between race, gender, ethnicity, class, and socioeconomics that have created and continue to transform hierarchical structures of power. This option is interdisciplinary and examines the origins of social stratification with regard to race, gender, ethnicity, and class. In consultation with primary sources drawn from divergent cultural, social and natural science documents, this option explores the historical context of marginalization, disenfranchisement, political and economic inequality and disempowerment.

Completion Requirements

To be eligible for graduation with the bachelor of arts degree, each student enrolled in the program must complete the following program requirements:

- Complete all general education requirements not met with transfer courses. See advisor for details.
- Complete a minimum of 45 credits of Interdisciplinary Arts and Sciences course work. Some majors or concentrations may require more.
- Complete a minimum of 45 credits of upper-division course work, including transfer courses and UW Tacoma courses.
- Complete 5 credits of English composition with a minimum 2.0 grade. This must be completed in a student's first two quarters at UW Tacoma.
- Complete the requirements for a major or concentration (minors are optional).
- No more than 15 elective credits can be taken for a Satisfactory/Not Satisfactory grade. See advisor for details.
- Meet with an advisor to complete a graduation application no later than the second week of the quarter in which the student plans to graduate.
- The Bachelor of Arts in History requires 60 credits. These will include the required Core Courses (30 credits). The choice of remaining elective History coursework (30 credits) is entirely at the student's discretion. This coursework varies, however, depending on whether you have chosen to declare the general History major or one of the History thematic options. If you do the general History major, the remaining 30 credits of coursework must have a THIST prefix, and 25 of those credits must be upper division. If you choose one of the thematic options, you must choose 30 elective credits from the approved course lists.
- Required 30 credits (each course 5 credits unless otherwise noted)

    - T HIST 150
    - T HIST 151
    - T HIST 200
    - T HIST 201
- To be taken after consultation with an advisor:
    - T HIST 380 (taken in junior year - recommended prerequisite: THIST 101)
    - T HIST 498 (taken in your last 1-2 quarters - including senior paper and T HIST portfolio) - 2.0 minimum grade required.
        - Prerequisite: T HIST 380 with a minimum 2.0 grade
- History thematic options (30 credits)
    - Minimum 25 credits of upper-division courses
    - Additional requirements specified below.

Additional Completion Requirements

Option specific requirements

- List D - Power, Gender, and Identity Option - Please See Website

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Additional Information

Student Learning Outcomes

- As a student in the History major, you will learn:
    - oral and written communication
    - diverse areas of history and the relevant historical facts and context
    - historiographic and interpretive differences, especially regarding causation
    - use of primary and secondary source evidence
    - how to work independently and in groups

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⊖ Program of Study: Major: Interdisciplinary Arts and Sciences

Program Overview

Provides broad exposure to key areas of knowledge within the arts and sciences, while stressing their interconnectedness. Emphasizes interdisciplinary skills and thinking needed to function successfully in a rapidly changing society and world.

This program of study leads to the following credentials:

- Bachelor of Arts degree with a major in Interdisciplinary Arts and Sciences
- Bachelor of Arts degree with a major in Interdisciplinary Arts and Sciences (Individually Designed)

⊖ Bachelor of Arts degree with a major in Interdisciplinary Arts and Sciences

Completion Requirements

To be eligible for graduation with the bachelor of arts degree, each student enrolled in the program must complete the following program requirements:

- Complete all general education requirements not met with transfer courses. See advisor for details.
- Complete a minimum of 45 credits of Interdisciplinary Arts and Sciences course work. Some majors or concentrations may require more.

- Complete a minimum of 45 credits of upper-division course work, including transfer courses and UW Tacoma courses.
- Complete 5 credits of English composition with a minimum 2.0 grade. This must be completed in a student's first two quarters at UW Tacoma.
- Complete the requirements for a major or concentration (minors are optional).
- No more than 15 elective credits can be taken for a Satisfactory/Not Satisfactory grade. See advisor for details.
- Meet with an advisor to complete a graduation application no later than the second week of the quarter in which the student plans to graduate.
- Additional requirements specified below.

Additional Completion Requirements

Major specific requirements

- In addition to completing the university graduation requirements, the major in Interdisciplinary Arts and Sciences requires 67 completed credits in total from the following lists.
- Foundational/Core Courses: 22 credits
  - 5 credits from One of the following four courses (List A):
    - T HIST 150
    - T HIST 151
    - T HIST 200
    - T HIST 201
  - 5 credits from one of the following courses (List B):
    - TESC 102
    - TESC 201
  - 5 credits from one of the following courses (List C):
    - T ARTS 200
    - T FILM 201 (formerly T FILM 272)
    - T LIT 101 (formerly T LIT 200)
  - 5 credits from one of the following courses (List D):
    - TECON 101
    - TPSYCH 101
    - TPOLS 202
- Required: 2 credit course
  - TIAS 305
- Elective Courses: 45 credits
  - At least 35 credits must be upper division, 20 credits of which must be 400 level.
    - 15 credits (from Lists E/F) - at least 5 credits from each category:
      - Scientific Thinking/Humans (List E)
      - Their Environment (List F)
    - 15 credits (from Lists G/H) - at least 5 credits from each category:
      - History or The Human Past/Society and Culture (List G)
      - The Human Present (List H)
    - 15 credits from (Lists I/J) - at least 5 credits from each category:
      - Literature (List I)
      - Visual and Performing Arts (List J)

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⊖ Bachelor of Arts degree with a major in Interdisciplinary Arts and Sciences (Individually Designed)

Credential Overview

This concentration is an individually-designed option for those who wish to create a program of study by combining selected courses from within UW Tacoma's range of programs. You design your study under the guidance and supervision of an SIAS faculty member, an SIAS advisor, and the concentration coordinator.

Admission Requirements

To propose an individually-designed concentration, students must do the following:

- Consult with the concentration coordinator to ensure you understand the requirements of the individually designed concentration. Continue working with the coordinator throughout the proposal process.
- Identify the unifying interdisciplinary theme of your concentration. Consider what faculty would be appropriate as mentors and consult with them as needed during development phase.
- Identify the courses taken or planned. The list should comprise of 55-credits, plus the 5-credit thesis. Meet with your IAS staff advisor for assistance. This is essential for transfer students.
- Draft a 2-3 page proposal that includes:

    1. a brief descriptive title
    2. the rationale for the proposed concentration
    3. a general description of the concentration
    4. a rationale and discussion of the interrelationships among the courses chosen
    5. a complete course list (must include 55-credits plus the senior thesis)

- Secure the support of at least one IAS faculty member to be your sponsor for the concentration. The faculty sponsor attests to the intellectual soundness of the proposal and agrees to provide whatever guidance s/he and the student may jointly decide is needed. The faculty sponsor may also suggest changes in the previously approved written proposal or list of courses.
- Choose one IAS academic advisor to work with you to help keep track of your progress toward graduation.
- Add the Agreement and Declaration page to the proposal and have it signed by the faculty sponsor and academic advisor.
- Once your proposal has been approved, continue working with the concentration coordinator, your faculty sponsor and your academic advisor to ensure your concentration is completed appropriately. Submit the proposal for approval to the concentration coordinator by the end of the junior year.

Completion Requirements

To be eligible for graduation with the bachelor of arts degree, each student enrolled in the program must complete the following program requirements:

- Complete all general education requirements not met with transfer courses. See advisor for details.
- Complete a minimum of 45 credits of Interdisciplinary Arts and Sciences course work. Some majors or concentrations may require more.
- Complete a minimum of 45 credits of upper-division course work, including transfer courses and UW Tacoma courses.
- Complete 5 credits of English composition with a minimum 2.0 grade. This must be completed in a student's first two quarters at UW Tacoma.
- Complete the requirements for a major or concentration (minors are optional).
- No more than 15 elective credits can be taken for a Satisfactory/Not Satisfactory grade. See advisor for details.
- Meet with an advisor to complete a graduation application no later than the second week of the quarter in which the student plans to graduate.
- Additional requirements specified below.

Additional Completion Requirements

Major specific requirements (60 credits total)

- Individually-Designed Core: 55 credits
    - See the SIAS website for more information.
- Required Course: 5 credits

- TIAS 497
- Required Distribution for Graduation: 20 credits, overall must be taken from each required Areas of Knowledge
  - At least 20 credits overall must be taken from each of the required Areas of Knowledge below.
  - These courses count toward the core and/or elective credit totals. To include one course in Environmental Science Transfer or TESC
    - Arts and Humanities (A&H)
    - Social Sciences (SSc)
    - Natural Sciences (NSc)

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Program of Study: Major: Interdisciplinary Arts and Sciences

Program Overview

Explores artistic, cultural, political and economic patterns in an international context. Advanced language study is an integral component. You may choose to focus your studies on one or more world regions or specific themes.

This program of study leads to the following credential:

- Bachelor of Arts degree with a major in Interdisciplinary Arts and Sciences

Bachelor of Arts degree with a major in Interdisciplinary Arts and Sciences

Completion Requirements

To be eligible for graduation with the bachelor of arts degree, each student enrolled in the program must complete the following program requirements:

- Complete all general education requirements not met with transfer courses. See advisor for details.
- Complete a minimum of 45 credits of Interdisciplinary Arts and Sciences course work. Some majors or concentrations may require more.
- Complete a minimum of 45 credits of upper-division course work, including transfer courses and UW Tacoma courses.
- Complete 5 credits of English composition with a minimum 2.0 grade. This must be completed in a student's first two quarters at UW Tacoma.
- Complete the requirements for a major or concentration (minors are optional).
- No more than 15 elective credits can be taken for a Satisfactory/Not Satisfactory grade. See advisor for details.
- Meet with an advisor to complete a graduation application no later than the second week of the quarter in which the student plans to graduate.

For Global Studies, you need to complete a minimum of 50 credits, depending on foreign language competency. Overall, 30 credits of upper-division credits in the concentration and 45 credits of IAS courses are required to meet the degree requirements. Additionally, at least 5 credits must be from two interdisciplinary areas: Arts and Humanities (A&H) and Social Sciences (SSc). You must earn a total of 180 quarter credits, or 225 quarter credits for a double degree, to earn a bachelor of arts degree in your chosen major.

International or Global Interactions Required Core: 5 credits

- TGH 301*
- THIST 150
- THIST 151
  - *denotes the course is open to Global Honors students only

International Focus: 40 Credits, 30 credits to be upper division at 300-400 level

- TANTH 354
- TARTS 210
- TARTS 281
- TARTS 282
- TARTS 283
- TARTS 284
- TARTS 406
- TARTS 480
- TCHIN 101
- TCHIN 102
- TCHIN 103
- TCHIN 201
- TCHIN 202
- TCHIN 203
- TCOM 230
- TCOM 388
- TCOM 430
- TCOM 461
- TECON 210
- TECON 325 (formerly TECON 425)
- TECON 328
- TECON 332
- TECON 350
- TECON 360
- TECON 362 (formerly TECON 460)
- TECON 394
- TECON 417
- TECON 440
- TECON 441 (formerly TECON 340)
- TECON 461
- TEGL 201
- TFILM 377 (formerly THISP 377)
- TFILM 386
- TFILM 387
- TFILM 388
- TFILM 420
- TFILM 474
- TFILM 481
- TFILM 484
- TFILM 486
- TGEOG 352
- TGEOG 349
- TGEOG 435
- THIST 111
- THIST 112
- THIST 150
- THIST 151
- THIST 203
- THIST 260
- THIST 270

- THIST 271
- THIST 280
- THIST 320
- THIST 350
- THIST 356
- THIST 363
- THIST 364
- THIST 365
- THIST 372
- THIST 375
- THIST 385
- THIST 451
- THIST 452
- THIST 457
- THIST 462
- THIST 463
- THIST 464
- THIST 465
- THIST 466
- THIST 467
- THIST 474
- THIST 475
- THIST 477
- THIST 478
- THIST 479
- THIST 480
- THIST 484
- THIST 486
- THIST 487
- THIST 488
- TIAS 109
- TIAS 209
- TIAS 309
- TIAS 330
- TIAS 480
- TIAS 493 (formerly THISP 490)
- TLAW 215 (formerly TPOLS 328)
- TLAW 422 (formerly TPOLS 422)
- TLAW 424 (formerly TPOLS 368)
- TLAX 267 (formerly THISP 267)
- TLAX 277 (formerly THISP 277)
- TLAX 355 (formerly THISP 355)
- TLAX 376 (formerly THISP 376)
- TLAX 400 (formerly THISP 400)
- TLAX 410 (formerly THISP 410)
- TLAX 441 (formerly THISP 441)
- TLAX 461 (formerly THISP 461)
- TLAX 462 (formerly THISP 462)
- TLAX 463 (formerly THISP 463)
- TLAX 465 (formerly THISP 465)

- TLAX 476 (formerly THISP 476)
- TLIT 251
- TLIT 252
- TLIT 253
- TLIT 332
- TLIT 351 (formerly TLIT 453)
- TLIT 352 (formerly TLIT 455)
- TLIT 371
- TLIT 380
- TLIT 480
- TLIT 481
- TLIT 485
- TLIT 487
- TPHIL 355
- TPHIL 357
- TPHIL 358
- TPHIL 359
- TPHIL 360
- TPHIL 451
- TPHIL 466
- TPOLS 123
- TPOLS 203
- TPOLS 224
- TPOLS 310
- TPOLS 311
- TPOLS 312
- TPOLS 314
- TPOLS 319 (formerly TPOLS 420)
- TPOLS 326
- TPOLS 329 (formerly TPOLS 229)
- TPOLS 330
- TPOLS 340
- TPOLS 341 (formerly TPOLS 431)
- TPOLS 342 Third World Countries
- TPOLS 350
- TPOLS 410
- TPOLS 411
- TPOLS 421
- TPOLS 428
- TPOLS 435
- TPOLS 440
- TPOLS 448
- TPOLS 450
- TPOLS 451
- TPOLS 460
- TRELIG 305 (formerly TRELIG 235)
- TRELIG 320
- TRELIG 321
- TRELIG 333
- TRELIG 345

- TRELIG 365
- TRELIG 366
- TRELIG 367
- TRELIG 461
- TRELIG 463
- TRELIG 465
- TRELIG 467
- TSOC 456
- TSPAN 103
- TSPAN 110
- TSPAN 121
- TSPAN 122
- TSPAN 123
- TSPAN 134
- TSPAN 199
- TSPAN 201
- TSPAN 202
- TSPAN 203
- TSPAN 210
- TSPAN 299
- TSPAN 301
- TSPAN 302
- TSPAN 303
- TSPAN 351
- TSPAN 393
- TURB 330
- TURB 340
- TURB 430
- TWOMN 420
- TWOMN 434

Foreign Language (to demonstrate competency): 0-10 Credits

- Option One: 10 credits of upper-division world language (300- 400 level)
- Option Two: Two years of college-level lower-division world language in a Western-European language (100- or 200-level)
- Option Three: One year of college level Asian, Slavic or non-Western language
- Option Four: Non-native English speakers are exempt from this requirement; a student is considered a “native speaker” of a world language if that language was the language (or one of the languages) spoken at home during the first 6 years of childhood AND if it was the language in which the student received instruction in elementary school through the seventh grade. Students not meeting this standard have the option to demonstrate competency through testing if desired.

Natural World (Environmental Science): 5 credits

- One TESC course or an Environmental Science transfer course. Please see an advisor for applicable courses.

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⊖ Program of Study: Major: Law and Policy

Program Overview

The Law and Policy program provides students with a strong liberal arts foundation for the study of law and policy. The interdisciplinary nature of the program invites students to engage with a variety of different perspectives on the social and legal problems facing

societies on local, state, national, and global levels. Students in this major develop a deep appreciation for the complex relationships between law, society, culture, and politics.

This program of study leads to the following credential:

- Bachelor of Arts degree with a major in Law and Policy

⊖ Bachelor of Arts degree with a major in Law and Policy

Credential Overview

Develops theoretical reasoning and analytical skills for assessing current topics in law and policy. Provides a solid liberal arts foundation for understanding current legal and policy issues in health care, social policy and international development.

Completion Requirements

To be eligible for graduation with the bachelor of arts degree, each student enrolled in the program must complete the following program requirements:

- Complete all general education requirements not met with transfer courses. See advisor for details.
- Must meet a minimum 2.00 cumulative GPA in courses applied to the major.
- Complete a minimum of 45 credits of Interdisciplinary Arts and Sciences course work. Some majors or concentrations may require more.
- Complete a minimum of 45 credits of upper-division course work, including transfer courses and UW Tacoma courses.
- Complete 5 credits of English composition with a minimum 2.0 grade. This must be completed in a student's first two quarters at UW Tacoma.
- Complete the requirements for a major or concentration (minors are optional).
- No more than 15 elective credits can be taken for a Satisfactory/Not Satisfactory grade. See advisor for details.
- Meet with an advisor to complete a graduation application no later than the second week of the quarter in which the student plans to graduate.
- Law and Policy requires a total of 65 credits as outlined below:
    - **Core Courses (35 credits)**
        - Foundations
            - Take one of the following:
                - T LAW 150
                - T LAW 215
            - Take one of the following:
                - T PHIL 250
                - T PHIL 251
            - T LAW 363
            - TWRT 211
        - Policy and politics: 5 credits
            - TCOM 481
            - TECON 316
            - TECON 410
            - TECON 418
            - TECON 421
            - TECON 450
            - TECON 470
            - TESC 345

        - T LAW 465
        - TPOL S 202
        - TPOL S 204
        - TPOL S 260
        - TPOL S 322
        - TPOL S 340
        - TPOL S 317
        - TPOL S 343

    - Law and Social Inequality: 5 credits
        - T LAW 348
        - T LAW 452
        - T LIT 433
        - TPOL S 317
        - TPOL S 355
        - TPOL S 343
        - T SOC 465

    - Law in a Global Context: 5 credits
        - T LAW 215
        - T LAW 367
        - T LAW 422
        - T LAW 423
        - T LAW 424
        - TPOL S 203
        - TPOL S 230
        - TPOL S 323
        - TPOL S 360
        - TPOL S 371
        - TPOL S 451

- **Electives (25 credits)**
    - See the Law and Policy web page for a list of approved courses.

- **Capstone: select one of the options below (5 credits)**
    - TPOL S 480
    - TPOL S 496
    - TPOL S 497
    - T LAW 496

Students can earn an Honors in Law and Policy by:

- graduating with a minimum GPA of 3.50;
- earning a minimum of 3.0 in TWRT 211; and
- taking an additional 5 credits of capstone by taking TPOL S 480
- earning a minimum of 3.5 in both capstones

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⊖ Program of Study: Major: Politics, Philosophy, and Economics

Program Overview

Provides an in-depth analytical foundation for politics, philosophy and economics, with a special emphasis on critical thinking and

writing skills. Three options: ECONOMICS, INTERNATIONAL STUDIES and POLITICS & PHILOSOPHY.

This program of study leads to the following credentials:

- Bachelor of Arts degree with a major in Politics, Philosophy, and Economics: Economics
- Bachelor of Arts degree with a major in Politics, Philosophy, and Economics: International Studies
- Bachelor of Arts degree with a major in Politics, Philosophy, and Economics: Politics and Philosophy

⊖ Bachelor of Arts degree with a major in Politics, Philosophy, and Economics: Economics

Credential Overview

Provides an in-depth analytical foundation for politics, philosophy and economics, with a special emphasis on critical thinking and writing skills. For this option, Economics, is the designated subject.

Completion Requirements

To be eligible for graduation with the bachelor of arts degree, each student enrolled in the program must complete the following program requirements:

- Complete all general education requirements not met with transfer courses. See advisor for details.
- Complete a minimum of 45 credits of Interdisciplinary Arts and Sciences course work. Some majors or concentrations may require more.
- Complete a minimum of 45 credits of upper-division course work, including transfer courses and UW Tacoma courses.
- Complete 5 credits of English composition with a minimum 2.0 grade. This must be completed in a student's first two quarters at UW Tacoma.
- Complete the requirements for a major or concentration (minors are optional).
- No more than 15 elective credits can be taken for a Satisfactory/Not Satisfactory grade. See advisor for details.
- Meet with an advisor to complete a graduation application no later than the second week of the quarter in which the student plans to graduate.
- Requires 65 credits total. Reminder: 45 upper-division credits and 45 credits of IAS courses are required for graduation from IAS.
    - Core Courses: 20 credits
        - At least One class from each of the following three lists:
            - Economics Core (List A)
                - TECON 200 or TBECON 220
                - TECON 201 or TBECON 221
            - Philosophy Core (List B)
                - TPOL S 201
                - T PHIL 101
                - T PHIL 240
                - TRELIG 321
            - Politics Core (List C)
                - TPOL S 202
                - TPOL S 203
                - TPOL S 204
                - TPOL S 260
    - Methods Courses : 10 credits
        - T PHIL 250
        - T PHIL 251
    - Capstone/Seminar Course: 5 credits
        - TPOL S 480

        - TLAW 496
        - TPOL S 496 (must be approved)
        - TPOL S 497 (offered in winter quarter)
    - In addition to the above requirements, students choose between one of three separate options: Politics and Philosophy, Economics and International Studies, each of which allows you to specialize in a particular area.
        - Additional requirements specified below.

Additional Completion Requirements

Option-specific requirements

- To fulfill this option, you must take four classes from the list of Economics option classes, as well as two additional classes from either the Politics and Philosophy or Law and Policy options.
    - See the Politics, Philosophy and Economics web page for approved courses.

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⊖ Bachelor of Arts degree with a major in Politics, Philosophy, and Economics: International Studies

Credential Overview

Provides an in-depth analytical foundation for politics, philosophy and economics, with a special emphasis on critical thinking and writing skills. For this option, International Studies, is the designated subject.

Completion Requirements

To be eligible for graduation with the bachelor of arts degree, each student enrolled in the program must complete the following program requirements:

- Complete all general education requirements not met with transfer courses. See advisor for details.
- Complete a minimum of 45 credits of Interdisciplinary Arts and Sciences course work. Some majors or concentrations may require more.
- Complete a minimum of 45 credits of upper-division course work, including transfer courses and UW Tacoma courses.
- Complete 5 credits of English composition with a minimum 2.0 grade. This must be completed in a student's first two quarters at UW Tacoma.
- Complete the requirements for a major or concentration (minors are optional).
- No more than 15 elective credits can be taken for a Satisfactory/Not Satisfactory grade. See advisor for details.
- Meet with an advisor to complete a graduation application no later than the second week of the quarter in which the student plans to graduate.
- Requires 65 credits total. Reminder: 45 upper-division credits and 45 credits of IAS courses are required for graduation from IAS.
    - Core Courses: 20 credits
        - At least One class from each of the following three lists:
            - Economics Core (List A)
                - TECON 200 or TBECON 220
                - TECON 201 or TBECON 221
            - Philosophy Core (List B)
                - TPOL S 201
                - T PHIL 101
                - T PHIL 240
                - TRELIG 321
            - Politics Core (List C)

        - TPOL S 202
        - TPOL S 203
        - TPOL S 204
        - TPOL S 260
    - Methods Courses : 10 credits
        - T PHIL 250
        - T PHIL 251
    - Capstone/Seminar Course: 5 credits
        - TPOL S 480
        - TLAW 496
        - TPOL S 496 (must be approved)
        - TPOL S 497 (offered in winter quarter)
    - In addition to the above requirements, students choose between one of three separate options: Politics and Philosophy, Economics and International Studies, each of which allows you to specialize in a particular area.
        - Additional requirements specified below.

Additional Completion Requirements

Option-specific requirements

- To fulfill this option, you must take four classes from the International Studies option list, with the option of using up to 5 credits from a study abroad course or one third quarter or higher language course as one of the four option classes.
- Two additional classes from either the Politics and Philosophy or Economics options are also required.
    - See the Politics, Philosophy and Economics web page for approved courses.

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⊖ Bachelor of Arts degree with a major in Politics, Philosophy, and Economics: Politics and Philosophy

Credential Overview

Provides an in-depth analytical foundation for politics, philosophy and economics, with a special emphasis on critical thinking and writing skills. For this option, Politics and Philosophy, is the designated subject.

Completion Requirements

To be eligible for graduation with the bachelor of arts degree, each student enrolled in the program must complete the following program requirements:

- Complete all general education requirements not met with transfer courses. See advisor for details.
- Complete a minimum of 45 credits of Interdisciplinary Arts and Sciences course work. Some majors or concentrations may require more.
- Complete a minimum of 45 credits of upper-division course work, including transfer courses and UW Tacoma courses.
- Complete 5 credits of English composition with a minimum 2.0 grade. This must be completed in a student's first two quarters at UW Tacoma.
- Complete the requirements for a major or concentration (minors are optional).
- No more than 15 elective credits can be taken for a Satisfactory/Not Satisfactory grade. See advisor for details.
- Meet with an advisor to complete a graduation application no later than the second week of the quarter in which the student plans to graduate.
- Requires 65 credits total. Reminder: 45 upper-division credits and 45 credits of IAS courses are required for graduation from IAS.
    - Core Courses: 20 credits
        - At least One class from each of the following three lists:

        - Economics Core (List A)
            - TECON 200 or TBECON 220
            - TECON 201 or TBECON 221
        - Philosophy Core (List B)
            - TPOL S 201
            - T PHIL 101
            - T PHIL 240
            - TRELIG 321
        - Politics Core (List C)
            - TPOL S 202
            - TPOL S 203
            - TPOL S 204
            - TPOL S 260
    - Methods Courses : 10 credits
        - T PHIL 250
        - T PHIL 251
    - Capstone/Seminar Course: 5 credits
        - TPOL S 480
        - TLAW 496
        - TPOL S 496 (must be approved)
        - TPOL S 497 (offered in winter quarter)
    - In addition to the above requirements, students choose between one of three separate options: Politics and Philosophy, Economics and International Studies, each of which allows you to specialize in a particular area.
        - Additional requirements specified below.

Additional Completion Requirements

Option-specific requirements

- To fulfill this option, you must take four classes from the list below, as well as two additional classes from either the International or Economics options.
    - See the Politics, Philosophy and Economics web page for approved courses.

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Additional Information

Student Learning Outcomes

- Students will develop a more thorough knowledge of social institutions through focused engagement with both contemporary and enduring social issues.
- Students will strengthen their analytical skills.
- Students will develop their ability to write with style and precision.
- Students will become more competent with quantitative analysis.
- Students will develop their ethical and logical reasoning, and
- Students will learn to synthesize and evaluate information through an application of knowledge and methods across different disciplines.

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⊖ Program of Study: Major: Psychology

Program Overview

Explores the psychological, biological, and contextual determinants of human behavior. Examines philosophical, historical and cultural traditions, including feminism, existentialism, hermeneutics, psychoanalysis and critical theory.

This program of study leads to the following credential:

- Bachelor of Arts degree with a major in Psychology

Admission Requirements

The following lower-division prerequisites (100- or 200-level) are necessary before declaring the Psychology major. A minimum grade of 2.0 is required for each prerequisite course.

- One general or introduction to psychology course (TPSYCH 101 or equivalent)
- Two psychology foundation courses from more than one of the following areas:
  - Developmental psychology (Lifespan or child development; TPSYCH 220, TPSYCH 222, TPSYCH 319 or equivalent)
  - Abnormal psychology (TPSYCH 210, TPSYCH 212 or equivalent)
  - Social psychology (TPSYCH 240 or equivalent)
  - Human cognition (TPSYCH 250 or equivalent)
  - Biological Bases of Behavior (TPSYCH 260,TPSYCH 265 or equivalent)
- One introductory statistics course (TMATH 110, THLTH 305, TSOCWF 351, TURB 225 or equivalent)
- One introductory methods course (TPSYCH 209 or equivalent)

⊖ Bachelor of Arts degree with a major in Psychology

Completion Requirements

To be eligible for graduation with the bachelor of arts degree, each student enrolled in the program must meet complete the following program requirements:

- Complete all general education requirements not met with transfer courses. See advisor for details.
- Complete a minimum of 45 credits of Interdisciplinary Arts and Sciences course work. Some majors or concentrations may require more.
- Complete a minimum of 45 credits of upper-division course work, including transfer courses and UW Tacoma courses.
- Complete 5 credits of English composition with a minimum 2.0 grade. This must be completed in a student's first two quarters at UW Tacoma.
- Complete the requirements for a major or concentration (minors are optional).
- No more than 15 elective credits can be taken for a Satisfactory/Not Satisfactory grade. See advisor for details.
- Meet with an advisor to complete a graduation application no later than the second week of the quarter in which the student plans to graduate.
- Requires 50 credits total, excluding prerequisites. Reminder: 45 upper-division credits and 45 credits of IAS courses are required for graduation from IAS.
  - Research Methods: 5 credits
    - TPSYCH 309
  - Core Courses: 15 credits, in at least two different areas
    - Clinical Core Courses
    - TPSYCH 310
    - TPSYCH 311
    - TPSYCH 312
    - TPSYCH 313
    - TPSYCH 314
  - Developmental Core Courses
    - TPSYCH 320
    - TPSYCH 321

        - TPSYCH 322
        - TPSYCH 328
    - Cognitive/Experimental Core Courses
        - TPSYCH 350
        - TPSYCH 351
        - TPSYCH 352
    - Social/Applied Core Courses
        - TPSYCH 340
        - TPSYCH 341
        - TPSYCH 345
        - TPSYCH 346
        - TPSYCH 360
        - TPSYCH 361
        - TPSYCH 362
    - General Psychology Core Courses
        - TPSYCH 300
        - TPSYCH 301
        - TPSYCH 306
    - 10 credits of Advanced Topics Courses
        - Please see the Psychology Major website for approved list.
    - Additional Advanced Credits: 5 credits
        - Complete (5) additional credits of upper-division coursework from any 300-level or 400-level TPSYCH course, or one of the following independent studies courses:
            - TPSYCH 496
            - TPSYCH 498
            - TPSYCH 499
    - Upper-Division Coursework: 15 credits, other than the subject of Psychology
        - 15 credits of (300 and 400 level) outside of the subject of Psychology, see the SIAS website for course listings:
            - 5 credits - Arts and Humanities (A&H)
            - 5 credits - Social Sciences (SSc), TPSYCH courses not allowed
            - 5 additional credits from A&H or SSc or NSc

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Additional Information

Student Learning Outcomes

- Upon completion of your degree, students in the Psychology major should:
    - Be familiar with the major theoretical approaches and historical trends in psychology.
    - Understand the core concepts and methodologies of psychology, including what scientific psychology is, the contributions and limitations of different methods of empirical research and be able to apply research methods, including design, data analysis and interpretation.
    - Be able to read and interpret psychological research verbally and in writing.
    - Understand that human behavior may have some common determinants and great diversity including individual differences and variations based on differences such as culture, ethnicity, social class, gender and sexual orientation. Maintain awareness and sensitivity to diverse populations.
    - Be able to synthesize theories and methodologies across disciplines in the humanities and social sciences.
    - Understand the application of psychological principles to the understanding of social issues.

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⊖ Program of Study: Minor: American Indian Studies

Program Overview

Grounded by a strong commitment to the histories, representations, and political struggles of Indigenous peoples, the intellectual focus of the American Indian Studies minor will use interdisciplinary methods of critical inquiry as a means through which students engage research and scholarship in their major fields of studies.

This program of study leads to the following credential:

- Minor in American Indian Studies

⊖ Minor in American Indian Studies

Credential Overview

Grounded by a strong commitment to the histories, representations, and political struggles of Indigenous peoples, the intellectual focus of the American Indian Studies minor will use interdisciplinary methods of critical inquiry as a means through which students engage research and scholarship in their major fields of studies. Students in the minor will develop an increased awareness of their own culture and the cultures of Indigenous peoples, will learn to identify and articulate critical questions and approaches that respect and utilize Indigenous paradigms and the common theoretical assumptions of Indigenous cultures. Students will develop facility in communicating with and between Indigenous and non-Indigenous populations and groups in the execution of their academic and professional duties. Students pursuing the minor will be expected to participate in the intellectual life of Indigenous peoples, which will host speaker series, conferences and symposia, and cultural workshops.

Completion Requirements

The minor in American Indian Studies requires 25 credits. 10 credits must be upper division.

- American Indian Studies Foundational courses: 10 credits
  - If student takes all 15 credits in Foundational Coursework, 5 credits may count towards Topical Coursework
    - T EGL 112
    - T EGL 201
    - T EGL 304
- American Indian Studies Topical courses: 15 credits
  - See American Indian Studies minor web page for list of approved Topical courses.

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Additional Information

Student Learning Objectives

- With the American Indian Studies Minor, students will:
  - Learn to assess socially meaningful identities in a variety of cultural and critical contexts, and to communicate across social boundaries in a multi-cultural world.
  - Learn how to integrate and link ethnic, gender and labor studies.
  - Develop comparative research and critical thinking skills for understanding the range of lived experiences within Indigenous communities and to understand how power operates in society.
  - Develop research and writing skills in an integrative learning approach including a range of humanities and social science perspectives.
  - Understand various analytical and/or rhetorical frameworks related to various areas of study within ethnic, gender and labor studies and relevant to the world of work, civic engagement and community development.

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Program of Study: Minor: Economics

Program Overview

The study of economics emphasizes conceptual and analytical thinking. With this minor you will gain a solid understanding of economics and its historical, political, environmental and social contexts.

This program of study leads to the following credential:

- Minor in Economics

Minor in Economics

Credential Overview

The study of economics emphasizes conceptual and analytical thinking. With this minor you will gain a solid understanding of economics and its historical, political, environmental and social contexts. A student completing a minor in economics should be able to engage in and employ economic reasoning; examine and explain the economics behind current events; or analyze the relationship between economics and other areas of inquiry As an Economics minor, your studies prepare you for careers in teaching, journalism, business and law, as well as for admission to graduate programs in public policy, law, business, international relations, journalism, and related fields.

Completion Requirements

All courses in the minor must be completed with cumulative 2.0 GPA. Please see an advisor to discuss details. The Economics minor requires 25 credits to include the following:

- Core Courses: 10 credits
  - TECON 200 or TBECON 220 (5)
  - TECON 201 or TBECON 221 (5)
- Upper-Division Courses: 15 credits
  - 15 credits from upper-division courses, (300 - 400 level) from the economics track of Politics, Philosophy and Economics major (PP&E).
  - *Only 5 credits from TBECON 420, TBECON 421 or TBECON 422 may count towards the minor.
    - TBECON 420*
    - TBECON 421*
    - TBECON 422*
    - TBECON 423*
    - TECON 313
    - TECON 316 (formerly TECON 416)
    - TECON 320
    - TECON 321 (formerly TECON 420)
    - TECON 325 (formerly TECON 425)
    - TECON 332
    - TECON 350
    - TECON 360
    - TECON 361 (formerly TECON 461)
    - TECON 362 (formerly TECON 460)
    - TECON 370
    - TECON 394
    - TECON 401
    - TECON 410

- TECON 417
- TECON 418
- TECON 421
- TECON 430
- TECON 440
- TECON 441 (formerly TECON 340)
- TECON 450
- TECON 470
- TECON 480
- T GEOG 349
- TPOL S 330
- TPOL S 460

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Additional Information

Note: This minor is not open to students in the Politics, Philosophy and Economics major in SIAS.

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⊖ Program of Study: Minor: Gender and Sexuality Studies

Program Overview

UW Tacoma's Minor in Gender and Sexuality Studies is dedicated to the study of gender and sexuality as they intersect with one another, and with race, class, nation, dis/ability, and other categories of power and difference in our world. By bringing together faculty and courses from across the University, the program provides students with an interdisciplinary investigation of the significance of gender and sexuality in society, history, politics, culture, media, law, and everyday life. At the core of this interdisciplinary, intersectional program is the study of theories and practices of social justice and transformation. A minor in Gender and Sexuality Studies offers students the opportunity to develop their critical thinking, analytic writing, and qualitative research skills. It is an excellent foundation for undergraduates considering careers in education, law and policy, social and health services, community organizing, public engagement, or the arts.

This program of study leads to the following credential:

- Minor in Gender and Sexuality Studies

⊖ Minor in Gender and Sexuality Studies

Credential Overview

By bringing together courses from across the university, the Minor in Gender Studies encourages students to think critically about the significance of gender in art, in history, in society and in our daily lives. These courses help students develop gender literacy as a central component of civic engagement. Students completing this minor will be well positioned as critical thinkers and engaged citizens. Training will provide skills ranging from fluency in various styles of communication and presentation to creative problem solving, enabling students to speak confidently across a range of contemporary social issues. Students who could benefit are those: • Considering careers in journalism, law, law enforcement or politics • Interested in social justice and advocacy work • Pursuing work in social services or healthcare • Considering research work and/or the field of library science • With an affinity for art, music, writing and/or film • Interested a career in teaching or in higher education

Completion Requirements

All courses in the minor must be completed with a minimum cumulative 2.0 GPA. Only 10 credits of courses may count towards both

this minor and your major. Contact an advisor for more information. A minimum of 10 credits must be upper division.

The Minor in Gender and Sexuality Studies requires 25 credits:

1. Gender and Sexuality Studies Foundational Coursework: 15 credits
    - Take any three of the following six courses:
        - T WOMN 101
        - T WOMN 205
        - T AMST 260
        - T EGL 340
        - T EGL 380
        - T EGL 310
2. Gender and Sexuality Studies Electives: 10 credits
    - Take any two courses designated as Gender and Sexuality Studies electives:
        - https://www.tacoma.uw.edu/sias/shs/gender-and-sexuality-studies-minor

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⊖ Program of Study: Minor: History

Program Overview

This minor allows students to study the field of history, which trains historians to be active participants in society using new and innovative methods to convey history to a wide range of audiences. The minor allows for a broad global perspective or a more focused approach depending on the student's interests and strives to teach the value of history and the need to learn about the past to better understand the present and shape the future.

This program of study leads to the following credential:

- Minor in History

⊖ Minor in History

Credential Overview

This minor allows students to study the field of history, which trains historians to be active participants in society using new and innovative methods to convey history to a wide range of audiences. The minor allows for a broad global perspective or a more focused approach depending on the student's interests and strives to teach the value of history and the need to learn about the past to better understand the present and shape the future. Who could benefit: • Students who are applying to graduate studies in history, anthropology, art history, and library science. • Students who want to work in museums, historical societies, or on historical sites. • Students who want to work as preservationists, curators, educators, oral historians, park rangers, interpretive guides, media and public relations professionals, and public policy analysts. • Environmental Science or Studies students who are interested in working in zoos and other sites that educate the public about the history and current state of the environment.

Completion Requirements

All courses in the minor must be completed with a cumulative 2.0 GPA.

- History Core: 10 credits
    - T HIST 200 or T HIST 201
    - T HIST 150 or T HIST 151
- History Electives: 15 credits
    - 15 credits from upper-division courses (300-400 level) from the list below. Only 5 credits can come from courses from this

list that do not have a T HIST prefix.

- TARTS 311
- T ARTS 335
- T ARTS 360
- T ARTS 411
- T ARTS 480
- T EGL 303
- T EGL 305
- T EGL 340
- T EGL 380
- T EGL 419 (formerly T HIST 419)
- T EGL 435
- T EGL 464 (formerly T ANTH 464)
- TEST 332
- T HIST 315
- T HIST 320
- T HIST 322
- T HIST 333
- T HIST 336
- T HIST 340
- T HIST 341
- T HIST 343
- T HIST 349
- T HIST 350
- T HIST 356
- T HIST 363
- T HIST 364
- T HIST 365
- T HIST 372
- T HIST 375
- T HIST 377
- T HIST 378 (formerly T HIST 226)
- T HIST 379
- T HIST 385
- T HIST 410
- T HIST 411
- T HIST 413
- T HIST 416
- T HIST 417
- T HIST 420
- T HIST 430
- T HIST 437
- T HIST 440
- T HIST 441
- T HIST 442
- T HIST 444
- T HIST 445
- T HIST 451
- T HIST 452
- T HIST 456

- T HIST 457
- T HIST 462
- T HIST 463
- T HIST 464
- T HIST 465
- T HIST 466
- T HIST 467
- T HIST 470
- T HIST 474
- T HIST 475
- T HIST 477
- T HIST 478
- T HIST 479
- T HIST 480
- T HIST 484
- T HIST 486
- T HIST 487
- T HIST 488
- T HIST 490
- T HIST 491
- T HIST 495
- TPOL S 329
- TPOL S 400
- T SOC 346
- T SOC 432
- T SOC 436
- T WOMN 347

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⊖ Program of Study: Minor: Human Rights

Program Overview

The Human Rights minor is an option for students who are interested in this rapidly emerging field of study. This is a coordinated tri-campus initiative (UW Tacoma, UW Seattle and UW Bothell). Students benefit from being able to choose from many courses on different campuses, as well as meeting and collaborating with students from other programs. Students may, but are not required to, take courses from more than one campus in order to earn the minor.

This program of study leads to the following credential:

- Minor in Human Rights

⊖ Minor in Human Rights

Credential Overview

The Human Rights minor is an option for students who are interested in this rapidly emerging field of study. This is a coordinated tri-campus initiative (UW Tacoma, UW Seattle and UW Bothell). Students benefit from being able to choose from many courses on different campuses, as well as meeting and collaborating with students from other programs. Students may, but are not required to, take courses from more than one campus in order to earn the minor. Students who may benefit from the minor are: •Applying to law school; •Wanting to work in international human rights NGOs or humanitarian nonprofits; •Wanting to work in government;

•Interested in the relationship between culture and international law; •Interested in women's rights as human rights and the impact of the gendered state on women and labor; •Interested in environmental justice issues, environmental law or science in the service of human rights or international humanitarian relief.

Completion Requirements

All courses in the minor must be completed with a cumulative 2.0 GPA. The Human Rights minor requires 25 credits to include the following:

- Human Rights: 10 credits of courses concerned with human rights (List A) (i.e., as defined in the Universal Declaration of Human Rights) as a core concept.
  - T HIST 457
  - T HLTH 520 (3 cr. - requires instructor permission)
  - T LAW 422 (formerly TPOL S 422)
  - T LAW 424 (formerly TPOL S 368)
  - T PHIL 200
  - TPOL S 230 (formerly TPOL S 311)
  - TPOL S 251
  - TPOL S 319 (formerly TPOL S 420)
  - TPOL S 410
  - TPOL S 421
  - TPOL S 448
  - TPOL S 453
- Human Rights in a Broader Context: 5 credits of courses concerned with human rights in a broad context (List B), e.g. poverty, race/ethnicity, gender.
  - TECON 313
  - TECON 325 (formerly TECON 425)
  - T EGL 419 (formerly T HIST 419)
  - T GEOG 352
  - T HIST 220
  - T HIST 221
  - T HIST 222
  - T HIST 322
  - T HIST 340
  - T HIST 413
  - T HIST 416
  - T HIST 441
  - T LAW 215 (formerly TPOL S 328)
  - T LAW 320 (formerly TPOL S 320)
  - T LAW 348 (formerly TPOL S 348)
  - T LAW 363 (formerly TPOL S 363)
  - T LAW 452 (formerly TPOL S 452)
  - T LIT 320
  - T LIT 324
  - T LIT 425
  - TPOL S 312
  - TPOL S 343 (formerly TPOL S 456)
  - TPOL S 360
  - TPOL S 371
  - TPOL S 435
  - TPOL S 450 (Please Note: Only this variation of TPOL S 450 counts)

    - TPOL S 451
    - T SOC 335
    - T SOC 434
    - T SOC 456
    - T URB 314
    - T URB 316
- Additional Requirements
    - 10 additional credits from either of the above lists.
    - At least 3 credits (of the 25 required) must be in a human-rights-related internship, practicum, international study abroad or demonstrated equivalent.
        - TIAS 496
        - Important note for students who choose the internship option: Human rights internships have as their primary objective learning about human rights work and facilitating a synthesis between classroom learning and practical engagement. Appropriate human rights internships may be supervised by any University of Washington faculty member. Students who choose this route to fulfill the minor's requirements must find an appropriate internship and register for TIAS 496. The new Human Rights Minor form must be stapled to the TIAS 496 Internship form when you submit it to SIAS if you want the internship to count for the minor. Be sure to have supervising faculty sign it or your minor may be incomplete.

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Additional Information

Students are highly encouraged to take courses from the other two campuses as well as UW Tacoma to complete this minor. The expertise available on all three campuses has the potential to make the experience a richer one, providing more choices for internships and specialization of study within the minor. This information is provided to students who want a summary of the UW Tacoma offerings.

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⊖ Program of Study: Minor: Law and Policy

Program Overview

The Law and Policy minor provides students with a strong liberal arts foundation for the study of law and policy. The interdisciplinary nature of the program invites students to engage with a variety of different perspectives on the social and legal problems facing societies on local, state, national, and global levels. Students develop a deep appreciation for the complex relationships between law, society, culture, and politics.

This program of study leads to the following credential:

- Minor in Law and Policy

⊖ Minor in Law and Policy

Completion Requirements

All courses in the minor must be completed with a cumulative 2.00 GPA. The Law and Policy minor requires 25 credits to include the following:

- Core Courses: 10 credits
    - T LAW I; Take one of the following:
        - TLAW 150
        - TLAW 215

- TLAW II; The following courses must be taken:
  - T LAW 363
- Elective Courses: 15 credits
  - See the Law and Policy web page for a list of approved courses.

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Additional Information

Note: This minor is not open to students in the Politics, Philosophy and Economics major.

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Program of Study: Minor: Politics

Program Overview

A minor in politics will help you develop a solid understanding of political and social connections, the relations between states and international institutions, and the history of relationships between governments and citizens. This minor fits well with a major in environmental studies, history, communications, business, social work, or urban studies. Students completing a minor in politics will learn to engage in and employ sophisticated theoretical reasoning to analyze issues related to politics; analyze and explain the politics behind current events; investigate the relationship between politics and other areas of inquiry; and discuss and write critically about domestic and international political and social issues. Students with a Politics minor are better prepared for careers in government, law, planning, nonprofit management, community work, diplomacy, business, teaching, journalism and other fields, and better prepared for graduate study in these areas.

This program of study leads to the following credential:

- Minor in Politics

Minor in Politics

Credential Overview

A minor in politics will help you develop a solid understanding of political and social connections, the relations between states and international institutions, and the history of relationships between governments and citizens. This minor fits well with a major in environmental studies, history, communications, business, social work, or urban studies. Students completing a minor in politics will learn to engage in and employ sophisticated theoretical reasoning to analyze issues related to politics; analyze and explain the politics behind current events; investigate the relationship between politics and other areas of inquiry; and discuss and write critically about domestic and international political and social issues. Students with a Politics minor are better prepared for careers in government, law, planning, nonprofit management, community work, diplomacy, business, teaching, journalism and other fields, and better prepared for graduate study in these areas.

Completion Requirements

All courses in the minor must be completed with a cumulative 2.0 GPA. The Politics minor requires 25 credits to include the following:

- Core Courses: 10 credits
  - TPOL S 201 (5)
  - TPOL S 202 (5)
  - TPOL S 203 (5)
  - TPOL S 204 (5)
- Upper-Division Courses: 15 credits, of upper-division 300 - 400 level.
  - See Politics minor web page for list of approved electives.

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Additional Information

Note: This minor is not open to students in the Politics, Philosophy and Economics major in IAS.

Students completing a minor in politics will learn to:

- Engage in and employ sophisticated theoretical reasoning to analyze issues related to politics;
- Analyze and explain the politics behind current events;
- Investigate the relationship between politics and other areas of inquiry;
- Discuss and write critically about domestic and international political and social issues.

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Program of Study: Minor: Religious Studies

Program Overview

The study of religion deepens our understanding of human nature and engages us in reflection on life's greatest questions. In the Religious Studies minor, students study various religions and the social implications of their beliefs.

This program of study leads to the following credential:

- Minor in Religious Studies

Minor in Religious Studies

Credential Overview

The study of religion deepens our understanding of human nature and engages us in reflection on life's greatest questions. In the Religious Studies minor, students study various religions and the social implications of their beliefs. This minor is for students who: • Want to work in any field related to religion. • Plan to work in a field which brings you in frequent contact with people of different faiths. • Are applying to graduate studies in philosophy, regional studies, or international studies. • Are an Education student interested in integrating religion into their classroom work, or who may work in a religious-affiliated school.

Completion Requirements

All courses in the minor must be completed with a cumulative 2.0 GPA.

- Required Courses: 15 credits
  - TRELIG 105
  - TRELIG 210
  - TRELIG 321
- Optional Courses: 10 credits must be upper-division 300-400 level coursework.
  - All 10 must be upper-division credits.
  - See the Religious Studies web page for approved list of options for remaining 10 credits.

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Program of Study: Minor: Social Science Research Methods

Program Overview

The Social Science Research Methods minor focuses on social science research methods and statistical analysis. This minor is open to students from all majors and would benefit students who wish to develop skills directly applicable to specific fields or majors including business, consumer research, economics, education and information technology.

This program of study leads to the following credential:

- Minor in Social Science Research Methods

⊖ Minor in Social Science Research Methods

Credential Overview

The Social Science Research Methods minor focuses on social science research methods and statistical analysis. This minor is open to students from all majors and would benefit students who wish to develop skills directly applicable to specific fields or majors including business, consumer research, economics, education and information technology.

Completion Requirements

The Social Science Research methods minor requires 33-35 credits with a minimum of 20 credits completed at UW Tacoma. All courses must be completed with a minimum grade of 2.0. A minimum of 20 credits must be completed outside of the student's major degree requirements. In addition, at least 20 credits must be from upper-division courses. Students must complete 3-5 credits from each of the 7 areas listed below (Lists A - G).

- Introductory Statistics: 5 credits
  - 5 credits from (List A). See Social Science Research Methods minor web page for list of approved courses.
- Introductory Research Methods: 3-5 credits
  - 3-5 credits from (List B). See Social Science Research Methods minor web page for list of approved courses.
- Epistemology: 5 credits
  - 5 credits from (List C). See Social Science Research Methods minor web page for list of approved courses.
- Qualitative Research Designs: 5 credits
  - 5 credits from (List D). See Social Science Research Methods minor web page for list of approved courses.
- Quantitative Research Designs: 5 credits
  - 5 credits from (List E). See Social Science Research Methods minor web page for list of approved courses.
- Advanced Statistics: 5 credits
  - 5 credits from (List F). See Social Science Research Methods minor web page for list of approved courses.
- Electives: 5 credits
  - 5 credits from (List G). See Social Science Research Methods minor web page for list of approved courses.

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Additional Information

Students who complete this minor will be prepared to:

- Evaluate and critique complex information,
- Make oral and written verbal arguments justifying their position/beliefs,
- Use qualitative & quantitative designs/methods,
- Perform statistical analysis, and
- Develop new perspectives and ideas.

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⊖ Program of Study: Minor: Sociology

Program Overview

The Minor in Sociology prepares students to think about society and the social worlds they inhabit. Foundational coursework for the minor introduces a variety of sociological concepts, frameworks and theories that address individuals, groups, organizations, institutions and societies. Students working towards the Minor in Sociology will learn to think deeply about current social problems, issues of social difference, structures of social institutions and more generally about inequality and power in society. This minor draws upon a diverse set of courses that at UW Tacoma and offers students the opportunity to document their mastery of sociology. Students graduating with a Minor in Sociology will be well positioned as critical thinkers and engaged citizens, and will be trained to speak confidently across a range of contemporary social issues.

This program of study leads to the following credential:

- Minor in Sociology

⊖ Minor in Sociology

Completion Requirements

The Sociology minor requires 25 credits. All courses in the minor must be completed with a cumulative 2. 0 GPA. At least 15 credits must be from upper-division courses. No more than 40% of coursework can be counted towards both the Sociology minor and another major or minor.

- Foundational Sociological Coursework: 10 credits
  - TSOC 165
  - TSOC 434
- Topical Coursework in Sociology: 15 credits
  - See approved list on the Sociology minor webpage.

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Additional Information

Students who complete this minor will be able to:

- Discuss the ways in which culture and social structure shape individual lives.
- Identify and analyze contemporary social questions using diverse social theories.
- Articulate how intersections of race, ethnicity, gender, class, nation, sexuality and other categories of difference shape society at an individual level, an institutional level and at a cultural level.
- Demonstrate a critical awareness of social justice and collective activism.

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Nursing and Healthcare Leadership

Nursing and Healthcare Leadership

326 Cherry Parkes Building
253-692-4470
Website
Faculty Website
tnursing@uw.edu

The Nursing & Healthcare Leadership Program shares the University of Washington Tacoma mission to provide undergraduate and graduate education for the diverse citizens of the South Puget Sound region. The program supports the interdisciplinary mission of the campus through teaching and scholarly inquiry. Within the overall mission of the campus, the program focuses on the discovery and dissemination of knowledge that promotes health within an ethic of social justice. The curriculum emphasizes and fosters the integration of teaching, inquiry and service through a community of learners. Partnerships with the community assist the program in providing learning environments in which learners build upon their skills and knowledge to strengthen their understanding of local, national and global health issues.

Undergraduate Programs
- Program of Study: Major: Healthcare Leadership
  - Bachelor of Arts degree with a major in Healthcare Leadership
- Program of Study: Major: Nursing
  - Bachelor of Science in Nursing degree
- Program of Study: Minor: Health and Society
  - Minor in Health and Society

Graduate Programs
- Program of Study: Master Of Nursing
  - Master Of Nursing
  - Master Of Nursing (ADN/BSN/MN) (not admitting)

⊖ Undergraduate Programs

Nursing and Healthcare Leadership

326 Cherry Parkes Building
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⊖ Program of Study: Major: Healthcare Leadership

Program Overview

The University of Washington Tacoma's bachelor of arts degree with a major in Healthcare Leadership provides opportunities for students interested in leadership positions across a spectrum of healthcare settings. The program is designed to utilize an interdisciplinary approach that prepares students for careers in healthcare. This degree will prepare students in South Puget Sound with the critical thinking processes and experiential learning necessary to become leaders in organizations ranging from healthcare systems to government agencies.

This program of study leads to the following credential:

- Bachelor of Arts degree with a major in Healthcare Leadership

Admission Requirements

Applicants to the program must meet the following requirements prior to enrolling:

- A cumulative GPA of at least 2.00 on a 4.0 scale in all college course work
- A minimum of 60 credits with a grade of 2.0 or better on a 4.0 scale in prerequisite course work to include:
  - 5 credits of English composition (10 additional writing-intensive credits completed via required Healthcare Leadership course work)
  - 15 credits of Social Sciences course work (may be completed at UW Tacoma)
  - 15 credits of Arts and Humanities course work (may be completed at UW Tacoma)
  - 15 credits of Natural Sciences course work (may be completed at UW Tacoma)
- Currently licensed Washington State healthcare providers must provide proof of unrestricted license status (does not apply to non-licensed applicants)
- Agreement to adhere to the Essential Behaviors for Admission, Continuation and Graduation and Social Networking Policy.

Declaring the Major

- Interested students will meet with the School's academic advisor to declare the Healthcare Leadership major.
- Students that have declared the Healthcare Leadership major are required to complete an online criminal background check through CastleBranch with acceptable results. For examples of offenses that would result in individuals being ineligible for fieldwork, see the Department of Social and Health Services Secretary's List of Crimes and Negative Actions website. Please note there is a separate fee for this service. A repeated criminal background check may be required prior to enrolling in practicum courses.
- Students are also required to submit required immunizations, and a current CPR certification through the CastleBranch compliance tracker prior to going into fieldwork. Students will be required to complete the UW HIPAA Compliance course. Based on information from major healthcare organization in our region, we anticipate students will be required to have a negative drug screen test as part of clinical clearances. Students are responsible for their own transportation to and from fieldwork course work. Currently licensed Washington state healthcare providers must provide proof of unrestricted license status (does not apply to non-licensed applicants) before enrolling in any clinical course.

⊖ Bachelor of Arts degree with a major in Healthcare Leadership

Credential Overview

The bachelor of arts with a major in Healthcare Leadership curriculum focuses on critical thinking and analysis, communication, and diversity. The baccalaureate degree enables individuals to assume leadership roles in a range of positions. Graduates collaborate with interdisciplinary teams in complex organizational systems to improve health care access, cost, and quality.

Completion Requirements

To earn a bachelor of arts in Healthcare Leadership, a minimum of 90 credits are required as outlined below.

- Be a matriculated Healthcare Leadership student in good academic standing with the University of Washington Tacoma.
- Complete a minimum of 180 credits, including 15 credits of Social Sciences course work, 15 credits of Arts and Humanities course work and 15 credits of Natural Sciences course work.
- Satisfy all of the general university graduation requirements, including five credits of English composition with a minimum grade of 2.0.
- Core Courses: 60 Credits
  - THLEAD 350 (5 credits)
  - THLEAD 360 (5)
  - THLEAD 380 (5)
  - THLEAD 403 (5)

    - THLEAD 405 (5)
    - THLEAD 406 (5)
    - THLEAD 420 (5)
    - THLEAD 460 (5)
    - THLEAD 480 (5)
    - T HLTH 310 (5)
    - T HLTH 320 (5)
    - T HLTH 440 (5)
- General Electives: 30 credits
    - Students are encouraged to select health-related courses or to complete a minor. Of the 30 electives, 20 must be UWT electives and a minimum of 10 credits must be upper-division.

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Additional Information

Program Goals

- Use multiple communication strategies that enhance positive human relationships considering both clients/customers and work force personnel.
- Demonstrate the ability to integrate both theoretical and experiential knowledge relevant to leadership in the healthcare environment.
- Integrate ethical behaviors into leadership practice.
- Demonstrate knowledge of the healthcare environment that includes awareness of cost, access, and quality challenges and the ability to generate solutions to these challenges.
- Demonstrate basic budgeting, outcome measurement, and informatics abilities.
- Demonstrate critical interrogation of positionality, recognition of implicit biases, as well as knowledge and application of anti-racism principles to promote health equity.

Academic Standards/Policies

- Students are required to maintain satisfactory progress meeting the university and program standards in their pursuit of the BA degree with a major in Healthcare Leadership, defined as achieving a minimum grade of 2.0 in all healthcare leadership, healthcare leadership-related and required courses. Students must also achieve a 2.0 grade in any repeated course.
- If a student fails to achieve a 2.0 in a required course, they will be allowed one opportunity to retake the course. If the second attempt to achieve a 2.0 is not successful, unless there is a documented hardship withdrawal, students are not allowed to continue in the Healthcare Leadership major. Any third attempt to take a required course would require Healthcare Leadership committee approval.
- Furthermore, a student who fails two (2) required courses will not be allowed to continue in the Healthcare Leadership major as this indicates unsatisfactory progress.
- A student may petition to continue in the program. The petition will be reviewed by the Healthcare Leadership committee. The student will be informed of the committee's decision. Likewise, students who do not maintain an overall 2.0 GPA are not allowed to continue in the Healthcare Leadership major. Students do have the right to appeal to the HCL Committee prior to separation from the Program.
- Students must meet all of the Essential Behaviors for Admission, Continuation and Graduation and comply with Social Networking policy.

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⊖ Program of Study: Major: Nursing

Program Overview

The BSN curriculum focuses on critical thinking, responses to health and human functioning, nursing intervention and person-environment interaction within a context of cultural diversity. The curriculum also includes all the essential elements of baccalaureate education for professional nursing practice as defined by the American Association of Colleges of Nursing (AACN). An interdisciplinary emphasis encourages an understanding of a broad range of ideas, knowledge and methods of study. Since most students in the UW Tacoma Nursing program are employed in a variety of health-care settings, courses are scheduled to enable students to continue employment while enrolled in the program of study. A BSN from UW Tacoma enhances the graduate's ability to contribute to his or her community's institutions and to the health of citizens of Washington state, particularly during this period of rapid change in health care.

This program of study leads to the following credential:

- Bachelor of Science in Nursing degree

Admission Requirements

Applicants to the UW Tacoma BSN program must meet the following requirements:

- Current unrestricted licensure as a registered nurse in the state of Washington.*
  - *Provisional admission may be offered to students in the final year of an associate degree in a nursing program.
- One year of clinical practice (includes associate degree nursing school clinicals)
- A cumulative GPA of at least 2.0 on a 4.0 scale in all college course work
- A minimum of 90 credits with a grade of 2.0 or better on a 4.0 scale in prerequisite course work to include:**
  - 5 credits of English composition (10 additional writing-intensive credits completed via required Nursing course work)
  - 15 credits of Social Sciences course work (may be completed at UW Tacoma)
  - 15 credits of Arts and Humanities course work (may be completed at UW Tacoma)
  - 5 credits of chemistry
  - 10 credits of anatomy and physiology (may be met via examination)
  - 3 credits of microbiology (may be met via examination)
  - 5 credits of UW School of Nursing-approved statistics (may be taken at UW Tacoma); see approved courses.
  - **Students with 50-90 transferable credits may be considered. Please contact an advisor for more information.
- Forty-five (45) advanced placement credits are earned through successful completion of RN licensure examination.
- Agreement to adhere to the Essential Behaviors for Admission, Continuation and Graduation and Social Networking Policy.

Application Process

- The UW Tacoma BSN program has an annual admission process and admits students for summer and autumn quarters.
- Applications that meet the priority application deadline are assured a review for admission in the upcoming academic year. Subsequent reviews are completed on a space-available basis.
- Applications for admission into the Nursing program are considered complete when the following have been received:
  - UW Tacoma Application for Transfer Admission and application fee
  - Official transcripts from all previous institutions attended (high school transcripts are required only if world language or intermediate algebra requirements were completed in high school).
  - Nursing Program Application

Admitted Students

- Admitted students are required to complete an online criminal background check through CastleBranch with acceptable results. For examples of offenses that would result in individuals being ineligible for practicum placements, see the Department of Social

and Health Services Secretary's List of Crimes and Negative Actions website. Please note there is a separate fee for this service. A repeated criminal background check may be required prior to enrolling in practicum courses.
- After admission to the program, students are required to submit required immunizations, and a current CPR certification through the CastleBranch compliance tracker and have an unrestricted RN license. Students will be required to complete the UW HIPAA Compliance course. Based on information from major healthcare organization in our region, we anticipate students will be required to have a negative drug screen test as part of clinical clearances. Students are responsible for their own transportation to and from practicum course work.

⊖ Bachelor of Science in Nursing degree

Credential Overview

UW Tacoma Nursing takes a registered nurse, licensed in Washington State, to a Bachelor of Science in Nursing (RN to BSN) degree. The courses support students in developing professionally. The program goals, in part, stress communication, critical thinking, cultural sensitivity, enhanced patient care, research and scholarship, health promotion and education, and adapting to changes in the healthcare setting.

Completion Requirements

General Requirements

- Be a matriculated Bachelor of Science in Nursing student in good academic standing with the University of Washington Tacoma.
- Complete a minimum of 180 credits, including 15 credits of Social Sciences course work, 15 credits of Arts and Humanities course work and 15 credits of Natural Sciences course work.
- Satisfy all of the general university graduation requirements, including five credits of English composition with a minimum grade of 2.0.
- Complete a minimum of 180 credits distributed as follows:
  - 90 transfer credits
  - 45 advanced placement credits via RN licensure examination
  - Complete the final 45 credits in residence at the University of Washington Tacoma.
- To qualify for graduation with a Bachelor of Science in Nursing from the University of Washington Tacoma, a student must satisfy all BSN admission requirements, plus
  - 45 advanced placement credits via RN licensure examination.
  - 35 credits in required Nursing course work (minimum 2.0 grade in each course):
    - T NURS 360 (5)
    - T NURS 407 (5)
    - T NURS 410 (5)
    - T NURS 414 (5)
    - T NURS 420 (5)
    - T NURS 440 (5)
    - T NURS 460 (5)
  - 10 credits in upper-division electives at UW Tacoma.* (minimum 2.0 grade in each course)
    - *Additional electives to meet a minimum of 180 credits (Nursing course work at UW Tacoma used to satisfy this requirement must also be completed with a minimum grade of 2.0).

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Additional Information

Program Goals

- Integrate concepts and ways of knowing from the arts and sciences in promoting health and managing nursing care across the

wellness-illness continuum.
- Demonstrate value-based professional behaviors that integrate empathy, autonomy, integrity, social justice, equity as well as respect for diversity and inclusion, human rights, and human dignity through cultivating partnerships with patients, families and communities.
- Deliver and advocate for health equity through health promotion, care coordination and disease prevention strategies at the individual, family, community, and population levels.
- Apply leadership concepts, skills, and decision making in the provision and oversight of nursing practice in a variety of settings.
- Appraise, critically summarize and translate current evidence into nursing practice.
- Demonstrate integration of nursing scholarship, critical thinking, clinical decision making, and psychomotor skills necessary for the delivery of competent, safe, evidence-based, holistic, compassionate and high quality care to individuals, families, communities and populations across the lifespan.
- Translate principles of safety and quality improvement into the delivery of high quality care to individuals, families, communities, and populations.
- Utilize information, communication and patient care technology tools to facilitate clinical decision-making and the delivery of safe, effective and high quality nursing care.
- Demonstrate effective professional communication and collaboration within and across disciplines and with the public to optimize health outcomes.
- Demonstrate an understanding of how health policy, economic, legal, political, and socio-cultural factors influence the delivery of and advocacy for equitable health care.
- Demonstrate critical interrogation of positionality, recognition of implicit biases, as well as knowledge and application of anti-racism principles to promote health equity.

To support and document accomplishing these goals, each graduating student is required to evaluate the program, including how well program goals were accomplished. This evaluation will become a part of the student's record of accomplishment in the program.

Academic Standards/Policies

- BSN students are required to maintain satisfactory progress meeting the university and program standards in their pursuit of the BSN degree, defined as achieving a minimum grade of 2.0 in all nursing, nursing-related and required courses. Students must also achieve a 2.0 grade in any repeated course.
- A BSN student may repeat a course once. Both the original grade and the second grade will be computed in the grade-point average but credit will be allowed only once.
- Furthermore, a BSN student who fails two (2) required courses will not be allowed to continue in the BSN Program as this indicates unsatisfactory progress. A student may petition to continue in the program. The petition will be reviewed by the BSN committee. The student will be informed of the committee's decision (see: tacoma.uw.edu/nursing/grading-bsn).
- Proof of valid RN licensure in the state of Washington is required before enrolling in any clinical course. Students must meet all of the Essential Behaviors for Admission, Continuation and Graduation and comply with Social Networking policy.

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⊖ Program of Study: Minor: Health and Society

Program Overview

The Health and Society minor is open to all UW Tacoma students, except Nursing and Healthcare Leadership majors. The Health and Society minor offers students the opportunity to increase their understanding of, and advocacy for, health within a broad social context. The courses enable students to make use of valid sources of information, to understand health policy, and to examine individual, community, environmental, and global health issues. The Health and Society minor provides a valuable study option for students with allied health work experience or students interested in the health care sector.

This program of study leads to the following credential:

- Minor in Health and Society

Minor in Health and Society

Credential Overview

The Health and Society minor is open to all UW Tacoma students, except Nursing and Healthcare Leadership majors. The Health and Society minor offers students the opportunity to increase their understanding of, and advocacy for, health within a broad social context. The courses enable students to make use of valid sources of information, to understand health policy, and to examine individual, community, environmental, and global health issues. The Health and Society minor provides a valuable study option for students with allied health work experience or students interested in the health care sector.

Completion Requirements

All courses must be completed with a minimum grade of 2.0. The minor in Health and Society requires 25 credits to include:

- T HLTH 310 (5 credits)
- T HLTH 440 (5 credits)
- 15 credits of T HLTH or THLEAD elective courses. See advisor for approved list.

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Graduate Program

Nursing and Healthcare Leadership

326 Cherry Parkes Building
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Program of Study: Master Of Nursing

Program Overview

The Nursing program focuses on the discovery and dissemination of knowledge that promotes health. The curriculum emphasizes and fosters the integration of teaching, inquiry and service within a community of learners. Partnerships with community members assist the program in providing learning environments in which learners build upon their skills and knowledge to strengthen their understanding of local, national and global health issues. About the Degree Program The Master of Nursing program prepares registered nurses for practice in wide variety of settings including acute, long-term care, ambulatory, community, and education settings. The curriculum has a strong emphasis on mentoring, both in terms of practicum placements and with the faculty. The core coursework includes research, health systems, health policy, leadership, and social issues related to health. Students take 8 core courses and two quarters of practicum that provide students with an opportunity to participate in a setting that assists in meeting their educational and career goals. The standard program plans have students complete the 47 required credits in five quarters. Students can begin the program in autumn quarter.

This program of study leads to the following credentials:

- Master Of Nursing
- Master Of Nursing (ADN/BSN/MN) (not admitting)

Admission Requirements

Please see this program's Graduate Admissions page for current requirements.

Continuation Policy

Students are required to maintain satisfactory progress meeting the university and program standards relative to scholarship and

performance in pursuit of the master's degree including each of the following:

1. Maintain a 3.00 cumulative GPA.
2. Earn a quarterly GPA of 3.00 or higher.
3. Earn a grade of 2.7 or higher in each required course.
4. Students may repeat only one core course one time. Student may repeat only one curriculum option course one time.
5. Make adequate progress with the scholarly project or thesis or course work option.

Meet all Essential Behaviors for Admission, Continuation and Graduation and Social Networking policies.

Students may repeat only one core course one time.

⊖ Master Of Nursing

Admission Requirements

Contact department for requirements.

Completion Requirements

47-50 credits depending on scholarly inquiry option

1. *Core courses (varies depending on option):* See additional requirements section below for option-specific core courses.
2. *Research course (5 credits):* T NURS 551
3. *Practicum (6 credits):* T NURS 503, T NURS 505
4. *Scholarly Inquiry (6-9 credits):* Choose one of the following:
    a. Scholarly project (6 credits): T NURS 598
    b. Thesis (9 credits): T NURS 700

Additional Completion Requirements

Option-specific courses:

Core courses (30 credits): T NURS 510, T NURS 512, T NURS 554, T NURS 539, T NURS 527, T NURS 548

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⊖ Master Of Nursing (ADN/BSN/MN) (not admitting)

Credential Overview

The ADN-BSN-MN study option is an accelerated program plan for high-achieving associate degree and diploma-prepared nurses to earn their MN degree. Applicants must be graduates of a National League for Nursing accredited program. ADN-BSN-MN students substitute two MN courses for two undergraduate nursing courses. The six credits of master's level course work are counted as part of the 180 required undergraduate credits. A program of study is planned that meets UW Tacoma BSN and MN graduation requirements. The BSN is awarded upon completion of the baccalaureate program. Once a baccalaureate degree is earned and the student is accepted into the UW Graduate School, the student then completes a 41-credit graduate program, rather than the standard 47-credit program.

Admission Requirements

Note: the program is not admitting to this pathway.

Completion Requirements

47-50 credits depending on scholarly inquiry option

1. *Core courses (varies depending on option):* See additional requirements section below for option-specific core courses.
2. *Research course (5 credits):* T NURS 551
3. *Practicum (6 credits):* T NURS 503, T NURS 505
4. *Scholarly Inquiry (6-9 credits):* Choose one of the following:
    a. Scholarly project (6 credits): T NURS 598
    b. Thesis (9 credits): T NURS 700

Additional Completion Requirements

Option-specific courses:

Core courses (12 credits): T NURS 527, T NURS 554, T NURS 556, T NURS 557

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Additional Information

- ***Program Goals:***
  All students in the Master of Nursing program are prepared by the program to meet each of the following goals:
    - Evaluate the adequacy of underlying knowledge from nursing science, related fields and professional foundations as it informs nursing practice.
    - Competently assess, manage health-related issues with a defined population or care system and evaluate the effectiveness of these nursing practices.
    - Utilize knowledge and skills in professional practice among diverse and multi-cultural populations.
    - Demonstrate competence in development of inquiry relevant to practice, education or administration.
    - Develop and utilize leadership strategies that foster improvement of health care.
    - Articulate ethical issues and responsibilities involved in nursing practice.
    - Demonstrate critical interrogation of positionality, recognition of implicit biases, as well as knowledge and application of anti-racism principles to promote health equity.
- ***Admitted Students:*** Admitted students are required to complete an online criminal background check through CastleBranch with acceptable results. For examples of offenses that would result in individuals being ineligible for practicum placement, see the Department of Social and Health Services Secretary's List of Crimes and Negative Actions website. Please note there is a separate fee for this service. A repeated criminal background check may be required prior to enrolling in practicum courses. After admission to the program, students are required to submit required immunizations, and a current CPR certification through the CastleBranch compliance tracker and an unrestricted RN license. Students will be required to complete the UW HIPAA Compliance course. Based on information from major healthcare organization in our region, we anticipate students will be required to have a negative drug screen test as part of clinical clearances. Students are responsible for their own transportation to and from practicum.
- ***Transfer Credit:*** An admitted MN student may petition to transfer up to the equivalent of 6 quarter credits of graduate course work earned in graduate status from an accredited institution. Graduate credits that have been applied toward a completed degree cannot be transferred. Written petitions for transfer credit must be submitted to the Graduate Committee within one quarter of acceptance to the MN program.
- ***Graduate Non-matriculated (GNM) Status:*** Graduate non-matriculated (GNM) enrollment is beneficial to those who are interested in professional development or beginning work toward a graduate degree. A graduate non-matriculated student is a postbaccalaureate student who wants to take graduate courses, but who has not been admitted by the Graduate School to a degree program. GNM status allows qualified students to earn graduate credits in an area of interest. A total of 12 credits can apply toward a graduate degree. This status is not available to international students on F-1 visas. Acceptance as a GNM student

does not imply nor does it confer priority for later admission to the Graduate School for pursuit of a degree.

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Social Work and Criminal Justice

Social Work

203 West Coast Grocery Building
253-692-5820
Website
Faculty Website
swcj@uw.edu

The School of Social Work and Criminal Justice offers two distinct undergraduate majors, an undergraduate minor and one professional graduate degree. The degrees include a bachelor of arts in criminal justice offering both an on-campus and an online degree completion option as well as a bachelor of arts in social welfare. In addition, an undergraduate minor in criminal justice is available to all majors across campus. The Master of Social Work (MSW) degree offers professional graduate study in a specialized area. The School of Social Work and Criminal Justice has strong ties to the South Puget Sound community, our graduate and undergraduate students complete local internships and practicum placements, our faculty conduct collaborative research with partners in our community, and our alumni are actively involved in service and helping professions largely in the South Puget Sound region.

- Undergraduate Programs
  - Program of Study: Major: Criminal Justice
    - Bachelor of Arts degree with a major in Criminal Justice
    - Bachelor of Arts degree with a major in Criminal Justice (Online)
  - Program of Study: Major: Social Welfare
    - Bachelor of Arts degree with a major in Social Welfare
  - Program of Study: Minor: Criminal Justice
    - Minor in Criminal Justice
- Graduate Programs
  - Program of Study: Master Of Social Work
    - Master Of Social Work
    - Master Of Social Work (Advanced Standing)

⊖ Undergraduate Programs

Social Work

203 West Coast Grocery Building
253-692-5820
swcj@uw.edu

⊖ Program of Study: Major: Criminal Justice

Program Overview

The Criminal Justice degree offers a multidisciplinary understanding of crime and justice within the framework of broader social processes within our society. This innovative approach to criminal justice emphasizes social justice, diversity, community partnerships, systems thinking and skill development. Students are sensitized to the human impact of crime, including differential impact across social identities and locations. A social justice lens is adopted, with a focus on harm reduction, rehabilitative and restorative approaches to crime and justice. The online major in Criminal Justice option is a degree completion sequenced cohort curriculum and follows the same major requirements as the on-campus Criminal Justice major.

This program of study leads to the following credentials:

- Bachelor of Arts degree with a major in Criminal Justice
- Bachelor of Arts degree with a major in Criminal Justice (Online)

Admission Requirements

Applicants must complete all university and major admission requirements or have a plan in place to complete requirements prior to admission.

- To be considered for admission all applicants must meet the following minimum qualifications:
  - Be admitted or be a currently enrolled student at the University of Washington Tacoma
  - On-campus: completion of a minimum of 45 UW or transferable college-level quarter credits
  - Online: completion of a minimum of 90 UW or transferable college-level quarter credits
  - Transfer applicants must have a minimum cumulative 2.00 GPA in all transfer coursework.
  - Current UW students who seek to either declare or change their major to criminal justice or criminal justice online must have a minimum cumulative 2.00 GPA in all UW coursework and be in good standing with the university.
  - English composition with a minimum of 2.0 grade or higher
- How to Apply
  - Applicants should have all required forms and transcripts submitted on or before the application deadline to be considered on time.
  - All applicants will be evaluated on the following criteria:
    - Previous academic performance
    - Completion of prerequisite requirements
  - Application
    - Transfer students must submit the University of Washington Tacoma campus application and pay the corresponding application fee. Once admitted to the university, transfer students must submit the Criminal Justice Major Application located at https://www.tacoma.uw.edu/cj/admission.
    - Current UW Tacoma students must also apply using the Criminal Justice Major Application.
  - Transcripts
    - Transfer, Running Start or other students with college credit must submit official transcripts reflecting all previous academic course work with the University of Washington Tacoma campus application.

⊖ Bachelor of Arts degree with a major in Criminal Justice

Credential Overview

The Criminal Justice degree offers a multidisciplinary understanding of crime and justice within the framework of broader social processes within our society. This innovative approach to criminal justice emphasizes social justice, diversity, community partnerships, systems thinking and skill development. Students are sensitized to the human impact of crime, including differential impact across social identities and locations. A social justice lens is adopted, with a focus on harm reduction, rehabilitative and restorative approaches to crime and justice.

Additional Admission Requirements

Major specific requirements

- The on-campus major admits every quarter (except summer).

Completion Requirements

To qualify for graduation with a Bachelor of Arts degree in Criminal Justice from the University of Washington Tacoma, a student must:

- Be a matriculated Criminal Justice major in good academic standing with the University of Washington Tacoma.
- Satisfy all prerequisite and admission requirements for entrance into the Criminal Justice program.
- Complete a minimum of 180 credits.
- Earn a minimum grade of 2.0 in each required Criminal Justice core and core elective course.
- Earn a minimum cumulative 2.00 GPA for all UW Tacoma course work at graduation.
- Criminal Justice majors must satisfy all University and general education requirements to include 15 credits of A&H, 15 credits of SSc and 15 credits of NSc.
- Complete 65 credits required for the Criminal Justice major (45 credits of core courses and 20 credits of core electives) to include 45 credits at the upper-division level:
  - T CRIM 225 (5)
  - T CRIM 361/TSOCWF 361 (5)
  - T CRIM 362 (5)
  - T CRIM 390 (5)
  - T CRIM 370 (5)
  - T CRIM 371 (5)
  - T CRIM 372 (5)
  - T CRIM 395 (5)
  - T CRIM 441 (5)
- Complete 20 credits from approved list of Criminal Justice core electives: https://www.tacoma.uw.edu/cj/curriculum.

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⊖ Bachelor of Arts degree with a major in Criminal Justice (Online)

Credential Overview

The Criminal Justice degree offers a multidisciplinary understanding of crime and justice within the framework of broader social processes within our society. This innovative approach to criminal justice emphasizes social justice, diversity, community partnerships, systems thinking and skill development. Students are sensitized to the human impact of crime, including differential impact across social identities and locations. A social justice lens is adopted, with a focus on harm reduction, rehabilitative and restorative approaches to crime and justice. The on-line major in Criminal Justice option is a degree completion sequenced cohort curriculum and follows the same major requirements as the on-campus Criminal Justice major.

Additional Admission Requirements

Major specific requirements

- The online program admits autumn quarter only.

Completion Requirements

To qualify for graduation with a Bachelor of Arts degree in Criminal Justice from the University of Washington Tacoma, a student must:

- Be a matriculated Criminal Justice major in good academic standing with the University of Washington Tacoma.
- Satisfy all prerequisite and admission requirements for entrance into the Criminal Justice program.
- Complete a minimum of 180 credits.
- Earn a minimum grade of 2.0 in each required Criminal Justice core and core elective course.
- Earn a minimum cumulative 2.00 GPA for all UW Tacoma course work at graduation.
- Criminal Justice majors must satisfy all University and general education requirements to include 15 credits of A&H, 15 credits of SSc and 15 credits of NSc.
- Complete 65 credits required for the Criminal Justice major (45 credits of core courses and 20 credits of core electives) to include 45 credits at the upper-division level:

    - T CRIM 225 (5)
    - T CRIM 361/TSOCWF 361 (5)
    - T CRIM 362 (5)
    - T CRIM 390 (5)
    - T CRIM 370 (5)
    - T CRIM 371 (5)
    - T CRIM 372 (5)
    - T CRIM 395 (5)
    - T CRIM 441 (5)
- Complete 20 credits from approved list of Criminal Justice core electives: https://www.tacoma.uw.edu/cj/curriculum.

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Additional Information

Program Goals

- Gain an understanding of policies, agencies, and delivery of criminal justice systems and how to effect change to bring about social justice
- Use an interdisciplinary ecological systems approach to understanding crime and the consequences of crime
- Demonstrate ethical and professional use of self
- Demonstrate understanding of and appreciation for differences based on gender, age, ethnicity, religious creed, sexual orientation, class, and physical, mental, and developmental disabilities
- Understand and critically apply theoretical frameworks to individual and social behavior, the interactions among individuals and social systems and their relationships to crime and justice
- Gain an understanding of criminal justice as an applied science where there is an integration of theory, scientific method and practice application
- Understand the use of evidence-based methods and policy for special populations within and affected by criminal justice systems
- Demonstrate the ability to think critically and communicate effectively

Student Learning Outcomes

- Identify ways in which oppression, privilege, discrimination, and social and economic disadvantage contribute to inequalities and injustices within criminal justice systems
- Demonstrate the capacity to design innovative approaches to dealing with social injustices and social harms within criminal justice systems
- Demonstrate an understanding of the origins of criminal behavior, society's response to crime, and the consequences of crime to our society, utilizing multiple perspectives
- Articulate ethical implications of decision making in a professional capacity
- Demonstrate a professional demeanor (e.g. in behavior and communication)
- Develop and demonstrate sufficient critical self-awareness to understand the influence of personal biases and values when interacting with diverse groups
- Recognize and dialogue with others about the role of difference and the multiple intersections of oppression and privilege in shaping a person's identity and life experiences
- Apply theoretical frameworks to understanding the causes and prevention of crime, the processes of criminalization, and crime enforcement
- Understand qualitative and quantitative research methods to collect and analyze data
- Articulate the link between research, theory, and practice
- Understand the dynamics, causes, and treatment programs available for special populations
- Demonstrate writing proficiency

- Demonstrate oral communications skills

Academic Standards/Policies

- Students may be allowed to petition the academic program for additional lower-division credit if it advances them toward a degree. No more than a total of 105 lower-division transfer credits and no more than 30 upper division transfer credits may be applied for Criminal Justice majors. Please see the Criminal Justice academic advisor for details.
- Due to the innovative nature of the Criminal Justice major housed in the School of Social Work and Criminal Justice, the following courses must be taken at UW Tacoma so that the social justice lens can be adequately applied to major content. The courses are T CRIM 361 (5 credits), T CRIM 390 (5 credits), T CRIM 371 (5 credits) and T CRIM 441 (5 credits). If a student believes they have this upper-division content in other transfer course work, an exception may be granted by faculty through a program petition for course substitution process.
- All CJ core or core elective course substitutions must be approved by petition after CJ admission. A maximum of 10 transfer equivalent credits are allowed towards the 65 credit major.
- Satisfactorily complete a statistics course with a 2.0 grade or higher before taking T CRIM 390.
- A minimum of 55 credits out of the 65 credits required for the Criminal Justice major must be completed in residence at UW Tacoma.
- Students who have a 100-200 level transfer course that is considered similar in content to a 300-400 level course within the major will not repeat content, however they will be required to select a 300-400 level course from the Criminal Justice major approved elective list. In all cases a program petition for a course substitution will be submitted for formal review and approval.
- A student who earns less than a 2.0 in any required CJ core or core elective course is required to retake the course; this may delay a student's graduation. With the approval of the program offering the course, a student may repeat a course once. According to UW policy, if a department course is retaken, the grades of the two courses are averaged and credit for the course will be given only once. Veterans receiving benefits must receive approval for the Veterans Coordinator in the Office of Enrollment Services before the course is repeated.
- A student who begins the major and then withdraws from UW Tacoma for more than one quarter will be required to reapply to UW Tacoma as a returning student. If readmitted, the student should meet with an academic advisor to prepare a revised program of study.

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⊖ Program of Study: Major: Social Welfare

Program Overview

The Social Welfare program is dedicated to preparing competent, ethical, and culturally sensitive social workers with specialized knowledge and skills who are committed to evidence-based practice and to planned social change. A deep commitment to equity and cultural diversity is brought to the development of the program. The program's mission gives special attention to the poor and oppressed, including people of different ethnic and racial groups, sexual orientations, physical and mental abilities and women.

This program of study leads to the following credential:

- Bachelor of Arts degree with a major in Social Welfare

Admission Requirements

The UW Tacoma Social Welfare major admits a cohort of students in autumn quarter only. Core classes must be taken in sequence. Prior to application students must complete all admission requirements for UW Tacoma and the Social Welfare major (or students must have a plan in place to complete required courses prior to entry). To be considered for admission a student must meet the following minimum qualifications:

- Meet admissions requirements for the University of Washington Tacoma.
- Transfer applicants must have a minimum cumulative 2.00 GPA in all transfer coursework.

- Current UW students who seek to either declare or change their major to social welfare must have a minimum cumulative 2.00 GPA in all UW coursework and be in good standing with the university.
- A minimum of 75 UW or college-level transfer credits.
- A minimum grade of 2.0 or higher in each Social Welfare prerequisite course:
    - English composition
    - Introductory or survey course in psychology
    - Introductory or survey course in sociology

How to Apply

- The UW Tacoma Social Welfare program has an annual admission process. Applications submitted by the application deadline are assured a review for admission for the upcoming academic year. Subsequent reviews are completed on a space-available basis. A completed application consists of the following materials:
- Application
    - Transfer students must submit the application for transfer admission.
    - All applicants must complete the Social Welfare web application.
    - Applicants who are transferring credits from another CSWE-accredited BASW or BSW program are encouraged to contact the School of Social Work and Criminal Justice office at 253-692-5820 for assistance prior to application. All syllabi must be reviewed and pre-approved by Social Work faculty. After the syllabi are reviewed and approved applicants will be advised by the Social Work Program as to which quarter is best to apply.

The following is needed to complete a Social Welfare Application:

- Access to your academic record to be able to report your prerequisite grades and number of earned and planned credits.
- Social Welfare Admissions Essay (prompts available in the web application).
- Current resume.
- UW HSIP Authorization Form
- Background Check
    - A background check is a required part of the Social Welfare admissions process. If offered admission, students are required to submit to a background check using a fee-based online service.
    - Note: Conviction/criminal history records are reviewed as they relate to the content and nature of the curriculum and the safety and security of clients and the public. A conviction/criminal history record does not necessarily disqualify an individual for admission.
- UW Health Sciences Immunization Program (HSIP) Requirement
    - The University of Washington Health Sciences Center requires that its students show documentation of protection against a number of vaccine-preventable diseases. The University of Washington Seattle School of Social Work falls under the umbrella of UW Health Sciences and therefore all UW Tacoma BASW students must comply.
    - New students admitted to the BASW Program must submit appropriate documentation within a specific timeframe. New students will be advised of specific submission deadlines upon admission. No student will be permitted to register for coursework or begin practicum placements unless in compliance with HSIP vaccinations or have an approved exemption is on file. There is an annual HSIP administration fee associated with HSIP compliance tracking. Please visit the HSIP website for the most up-to-date information.

⊖ Bachelor of Arts degree with a major in Social Welfare

Credential Overview

A deep commitment to equity and cultural diversity is brought to the development of the Social Welfare program. The program's mission gives special attention to the poor and underserved populations, and fosters an appreciation for differences based on gender, ethnicity, race, religious creed, sexual orientation, class and physical and developmental disabilities. The BASW program is designed for students in the South Puget Sound region who are committed to providing more effective social services to populations experiencing social and economic difficulties.

Completion Requirements

To qualify for graduation with a Bachelor of Arts degree in Social Welfare from the University of Washington Tacoma, a student must:

- Be a matriculated Social Welfare student in good academic standing with the University of Washington Tacoma.
- Satisfy all prerequisite and admission requirements for entrance into the Social Welfare program.

Maintain a minimum cumulative GPA of 2.50 in all required Social Welfare course work.

- Earn a minimum grade of 2.0 in each required Social Welfare course.
- Social Welfare majors must satisfy all University and general education requirements to include 20 credits of A&H, 20 credits of SSc and 20 credits of NSc.
- Complete 58 credits of core courses in Social Welfare to include:
  - TSOCWF 300
  - TSOCWF 301
  - TSOCWF 310
  - TSOCWF 311
  - TSOCWF 312
  - TSOCWF 320
  - TSOCWF 390
  - TSOCWF 402
  - TSOCWF 404
  - TSOCWF 405
  - TSOCWF 406
  - TSOCWF 414
  - TSOCWF 415
- Complete 10 credits of Social Welfare upper-division electives (TSOCWF 300-400 level courses).
- Apply for graduation with the BASW Academic Advisor by the deadline posted by the university for the expected quarter of graduation.

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Additional Information

Program Goals

- To prepare entry-level baccalaureate social workers for generalist practice in a multicultural context rooted in knowledge and skills for understanding and solving complex social problems within the values of professional social work
- To prepare generalist social workers to become informed and effective leaders able take action against injustice and inequalities
- To foster a comparative and critical examination of social welfare and social work history, policies, research, and practice interventions in the education of social work practitioners
- To prepare students for graduate education in social work related fields
- To provide access to social work education to residents of the south Puget Sound region

Curriculum Objectives

- Keeping in mind the goals of the BASW program, graduates of the program are expected to:
  - Apply entry-level social work practice skills to individuals, families, groups, communities, tribes, and organizations.

- Demonstrate an ethical and just professional use of self and the ability to use supervision and consultation.
- Practice effectively within agencies and delivery systems and identify, plan and pursue needed agency and system changes aimed at promoting social and economic justice.
- Demonstrate knowledge of and commitment to social work values and ethics through effective social work practice.
- Demonstrate understanding of and appreciation for differences based on gender, ethnicity, race, religious creed, sexual orientation, class and physical and developmental disabilities.
- Identify the ways in which oppression, colonization, privilege, discrimination, and social and economic disadvantage contributed to complex human welfare problems.
- Understand the strengths and empowerment perspectives in practice, policy and research in order to promote social and economic justice.
- Understand and describe the comparative history of social welfare and social work systems in the United States as well as the emergence of social work as a profession.
- Understand the growing prevalence of economic inequality, the distribution of poverty and societal remedies to resolve these problems.
- Analyze the impact of social policies on people (both clients and workers), agencies, communities, service systems and nations including American Indian and Alaska Tribal nations.
- Understand and critically apply theoretical frameworks to understand individual development and behavior across the lifespan and the interactions among individuals and between individuals and social systems (i.e., families, groups, organizations, tribes and communities).
- Demonstrate knowledge and skills in social work research methods used to develop and evaluate interventions and social service delivery systems.
- Understand, use and promote evidence-based methods in generalist social work practice.
- Use effective oral and written communication skills with a variety of client populations, colleagues and members of the community.

BASW Program Evaluation Competency Benchmarks

- All Council on Social Work Education programs measure and report student learning outcomes. Students are assessed on their mastery of the competencies that comprise the accreditation standards of the Council on Social Work Education. These competencies are dimensions of social work practice that all social workers are expected to master during their professional training. A measurement benchmark is set by the social work programs for each competency. An assessment score at or above that benchmark is considered by the program to represent mastery of that particular competency.

Full or Part-Time

- Students may pursue a full-time or part-time program of study. A full-time track allows students to finish all major coursework within a 2 year period. Due to sequencing, a part-time track will take 3 or more years to complete. Students should meet with their advisor to determine which option best meets their needs.

Advising

- There are three sources of advisement for students in the social welfare major, academic advising, faculty advising and practicum

advising. All advising roles offer a different educational focus and are highly invested in student success.

- The BASW Academic Advisor can assist you with information on registration, course scheduling, graduation requirements and connect you to various campus resources. Students are encouraged to meet with the BASW Academic Advisor at least once a quarter for course planning and to apply to graduate. If you have any questions regarding your records, registration, or need clarification on BASW Program or University policies, requirements and/or procedures, please consult your advisor. To make an appointment, visit Academic Advising | School of Social Work & Criminal Justice | University of Washington Tacoma.
- Faculty Advisors are best used as mentors when students need assistance with educational and professional career choices or in circumstances when students experience personal difficulties that are affecting their progress in the program. All students are randomly assigned a Faculty Advisor whom they should meet with on a periodic basis. In addition to their assigned faculty advisor, students can turn to any faculty member regarding specific issues. For instance, you may choose to meet with a faculty who is doing research or practice in an area of common interest. Such “informal advising” is common and highly encouraged.
- As faculty have a range of teaching, research and community service responsibilities, we encourage you to set up a time to meet with your faculty advisor. To facilitate contact please make a note of their room number, telephone number or email address. If you would like to change to another faculty advisor, contact the School of Social Work and Criminal Justice office for more information.
- The Field Coordinator is responsible for the management of field education, advisement and approval of students for practicum placements. The Coordinator also is responsible for liaison and problem solving with agencies if there are difficulties in the placements, and assignment of grades for the practicum courses.

Field Education

- Practicum instruction is an integral component of social work education. Practicum teaching is a partnership between the School of Social Work and Criminal Justice and social service organizations who work together to help students integrate theory and practice. It is conducted in the field by professional social work practitioners selected by community agencies and approved by the faculty of the School of Social Work and Criminal Justice and the School of Social Work.
- "Practicum" is an educational/learning experience required for academic credit.
- One of the many purposes of Field Education is to provide a “practicum” experience for social work students that prepares them for autonomous professional social work practice/leadership. Field Education is the central pedagogy of social work education and is structured around a classroom experience. The integration of theory and practice is central to social work education and students are required as part of their academic program to have supervised field learning experience/s (practicum/s) where required competencies and practice behaviors are mastered. These learning experiences are under the supervision of a Field Instructor from the agency of placement and a Field Faculty member from the School of Social Work and Criminal Justice.
- These learning experiences are not work opportunities or job experience; on the contrary, they are supervised educational/learning experiences. Students do not have independent responsibility/decision making authority and must receive their assignments/guidance/plan for learning from the Field Instructor and/or Field Faculty.
- Students are required to engage in the development of a Learning Contract with the Field Instructor and Field Faculty member from the School of Social Work and Criminal Justice. The Learning Contract spells out specific learning activities for the academic year. Students and Field Instructors meet weekly at a minimum to discuss learning activities from a social work perspective and to evaluate learning/mastery of the competencies.
- Clear expectations are provided to students while they are in placement for their field education learning experience. This learning experience is educational in nature and based on articulated competencies and practice behaviors and is attached to academic credit. It is anticipated/expected students cooperate with the School of Social Work and Criminal Justice/their assigned Field Faculty to ensure at all times they are engaged in a supervised learning/educational experience. This experience is not a job/work nor should it be viewed at any time as taking the place of agency staff or workload mitigation.

BASW Independent Study

- Independent study elective courses that offer students the opportunity to work one-on-one with faculty in an area of shared scholarship. Employers and graduate schools like to see this experience in your college education because it develops your

initiative, responsibility and creativity.

- Students must adhere to the Independent Study Contract Guidelines when submitting a contract plan for approval. The student is responsible for approaching faculty with an idea for independent study. All forms must be typed and can be found online at http://www.tacoma.uw.edu/social-work/basw-independent-study.

Course of Study

- The required core curriculum must be taken in sequence over a two-year period. The Social Welfare curriculum consists of a 68-credit program comprised of these major areas:
    - Foundation courses
    - Social work practice courses
    - Practicum combined with practicum seminars
    - Social welfare electives
- Students will be required to complete 10 credits of social welfare upper-division electives.

Model Program of Study Effective 2016

- To help prospective students understand the sequencing of the Social Welfare curriculum, the model program of study shows the typical progression to complete the degree. UW Tacoma requires a total of 180 credits for graduation that includes the credits required for the BASW degree. Information provided in this table gives an overview of the two-year curriculum.
- In the freshman and sophomore years, students should fulfill as many of the general education requirements as possible. Those requirements consist of language skills (English composition and world language), reasoning and writing skills, and areas of inquiry. Completion of all general education requirements is not required for admission to the BASW program; however, students with deficiencies must meet with the program advisor to discuss completion of these requirements prior to graduation.
- Social Welfare majors who are pursuing the minor in Criminal Justice may not double count TSOCWF 300-400 level courses as approved Social Welfare electives and as electives for the minor in Criminal Justice. The TSOCWF 300-400 level course(s) may satisfy one distribution area or another, but not both.

Students admitted autumn 2016 and beyond:

FIRST YEAR

QUARTER	COURSE	CREDITS
Autumn (12 credits)	TSOCWF 300: Historical Approaches to Social Welfare	5
	TSOCWF 301: Professionalism in Social Welfare	2
	TSOCWF 402: Human Behavior and the Social Environment I (W)***	5
Winter (15 credits)	TSOCWF 310: Social Welfare Practice I	5
	TSOCWF 320: Social Welfare: Contemporary Approaches	5
	SW elective*	5
Spring (14 credits)	TSOCWF 311: Social Welfare Practice II	3
	TSOCWF 404: Cultural Diversity and Social Justice	5
	TSOCWF 414: Introduction to Field	1
	SW elective*	5
Summer (12 credits)	General electives*	12

SECOND YEAR

QUARTER	COURSE	CREDITS
	TSOCWF 390: Introduction to Social Welfare	

Autumn (12 credits)	Research	5
	TSOCWF 405: Field Seminar I (W)***	3
	TSOCWF 415: Practicum	4
Winter (13 credits)	TSOCWF 312: Social Welfare Practice III	5
	TSOCWF 415: Practicum	3
	General elective*	5
Spring (12 credits)	TSOCWF 406: Field Seminar II (W)***	3
	TSOCWF 415: Practicum	4
	General elective*	5
TOTAL		90**

NOTE: Statistics is a required course for the BASW program; if a statistics course has not been completed with a 2.0 grade or better within the last five years, students must take it prior to TSOCWF 390.

* Social Welfare electives and general electives may be taken at times other than those designated above, schedule permitting. Based upon sample plan, enrollment in 12 credits during summer is suggested.

** Total may vary based on the number of college level credits applied toward the degree.

*** W indicates that the course meets the University's Writing Intensive Criteria.

Academic Standards/Policies

- To maintain satisfactory progress in the Social Welfare program, an admitted student must meet the following criteria:
    - Maintain a 2.50 cumulative GPA in required Social Welfare courses and a 2.00 cumulative UW Tacoma GPA. A student whose Social Welfare cumulative GPA falls below a 2.50 at the end of any quarter will be required to attend a meeting with their faculty advisor and the Social Work advisor. If the student continues to earn less than a 2.50 cumulative Social Welfare GPA in subsequent quarters, they may be referred to the Professional Standards Committee.

      A student is removed from probation at the end of the quarter in which a Social Welfare cumulative GPA of 2.50 or better is achieved and a UW Tacoma cumulative GPA of 2.00 or better is reached, and any conditions for reinstatement and satisfactory progress have been met.
    - Earn a minimum 2.0 grade (or credit in courses taken CR/NC) in each required Social Welfare course. A student who earns a grade of less than 2.0 in any required Social Welfare course will be placed on academic probation for one or more quarters. A student placed on probation may be asked to retake a required course the next time it is offered. This may delay the student's practicum by one year. With the approval of the program offering the course, a student may repeat a course once. Both the original grade and the second grade will be computed in the student's GPA, but credit will be given only once.

      Effective Autumn 2016, the required Social Welfare courses are TSOCWF 300, 301, 310, 311, 312, 320, 390, 402, 404, 405, 406, 414 and 415.
    - Satisfactorily complete the first year required courses before proceeding into the practicum and practicum seminar. To begin the practicum (TSOCWF 415), the student must be cleared for placement as outlined in the Social Work and Criminal Justice Program Policy for Assessing Students' Readiness for Field Education.
    - Complete the program within four years after admission. A student who does not complete the program within four years of admission may be removed from the program and placed in pre-major status.
- A student who begins the program and then withdraws from UW Tacoma for more than one year will have to re-apply to the program to be admitted. If re-admitted, the student must meet with the program advisor to prepare a revised program of study. The advisor (in consultation with the BASW Program Chair) will determine which courses may or may not be applicable to the current curriculum and which courses must be completed for the degree.

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Program of Study: Minor: Criminal Justice

Program Overview

The minor in Criminal Justice is designed to prepare students to work in a variety of criminal justice settings and cultivate an appreciation for the complexities of justice, crime and corrections. The curriculum is designed to provide a foundation for students who are interested in a career in criminal justice settings as a specialty of their major field, students interested in issues of justice and crime, or non-matriculated students who are already employed in criminal justice settings and seek additional coursework as a means of advancing their careers.

This program of study leads to the following credential:

- Minor in Criminal Justice

Minor in Criminal Justice

Credential Overview

The minor in Criminal Justice is designed to prepare students to work in a variety of criminal justice settings and cultivate an appreciation for the complexities of justice, crime and corrections. The curriculum is designed to provide a foundation for students who are interested in a career in criminal justice settings as a specialty of their major field, students interested in issues of justice and crime, or non-matriculated students who are already employed in criminal justice settings and seek additional coursework as a means of advancing their careers.

Completion Requirements

The minor requires 30 credits (minimum of 20 credits in residence). There are three core courses required for a total of 15 credits and an additional 15 credits of electives chosen from an approved list of classes. Other electives may be approved by your program advisor in consultation with faculty by submitting a Program Petition for Course Substitution. At least 15 credits (core and elective combined) must be taken at the upper-division (300-400) level. Students may request to transfer in up to 10 credits to be applied toward the required courses. The student must maintain an overall cumulative GPA of 2.0 in all criminal justice minor course work and a minimum 2.0 GPA in each course required to earn the minor.

- Core Requirements: 15 credits
  - Complete 15 credits of Core Requirements as outlined below with a 2.0 or higher.
    - T CRIM 101 (5)
    - T CRIM 271 (5) or T CRIM 362 (5)
    - T CRIM 361 (5) or T CRIM 370 (5) or T CRIM 372 (5) or T CRIM 395 (5)
- Core Electives: 15 credits
  - In addition, students must complete 15 credits of approved Core Elective courses with a 2.0 or higher. See the Criminal Justice minor webpage for a complete list and restrictions.
    - Note: Effective Winter Quarter 2019 T CRIM 370, T CRIM 372 and T CRIM 395 are options that can be applied as Minor in Criminal Justice core course requirements. If a student elects to use T CRIM 370 or T CRIM 372 or T CRIM 395 as a core course requirement, the same class will not be double counted as an approved elective course requirement.
    - May only apply a maximum of ten (10) credits from T CRIM 450 as approved elective credits toward the Minor in Criminal Justice

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Additional Information

Learning Outcomes

- Gain an understanding of the origins of criminal behavior, society's responses to crime and delinquency and the consequences of crime for our society.
- Become sensitized to the human impacts of criminal justice policies including differential impacts of race/ethnicity, social class, age, and gender.
- Be grounded in theoretical and empirical knowledge, values and skills related to criminal justice as they develop into competent professionals.
- Recognize the multiple needs of the victims of criminal behavior, including crisis and trauma interventions.
- Become knowledgeable about special populations in the criminal justice system including sex offenders, the chemically dependent, and individuals with mental illness.

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⊖ Graduate Program

Social Work

203 West Coast Grocery Building
253-692-5820
swcj@uw.edu

⊖ Program of Study: Master Of Social Work

Program Overview

The Master of Social Work (MSW) is considered the terminal degree in the social work profession. Content and course work in the MSW program will prepare graduates to function in professional social work positions in a wide variety of settings, including health care agencies, child and family services, public social service organizations, the criminal justice system and the public schools. The curriculum provides an in-depth education, through the classroom and practicum, to prepare graduates for integrative practice. Topics include applied research, social policy and specialized content in social work practice models and methods. The intent of this graduate program is to enable learners to develop skills in the concentration area of Integrative Practice. This graduate program also prepares learners to collaborate with other human service professionals and with the community. Graduates from this MSW program will be prepared to address the social welfare needs of a complex society. The MSW program is designed as a part-time evening program and consists of two program options: a three-year MSW program, which is designed for graduates of baccalaureate programs in any major, and an Advanced Standing MSW program, which is designed for eligible graduates of baccalaureate programs in social work or social welfare. Advanced Standing allows students to enter the specialized level of the MSW curriculum. Pursuant to the achievement of the School of Social Work and Criminal Justice mission, the MSW program has been designed as a competency-based curriculum committed to preparing graduate students for practice.

This program of study leads to the following credentials:

- Master Of Social Work
- Master Of Social Work (Advanced Standing)

Admission Requirements

Each option has separate admission requirements. See website for option-specific requirements at:
https://www.tacoma.uw.edu/swcj/msw-admission-requirements

⊖ Master Of Social Work

Additional Admission Requirements

Please see this program's Graduate Admissions page for current requirements.

Completion Requirements

See individual credential options for completion requirements.

Completion Requirements

- 75 credits
- *Generalist curriculum* (37 credits): T SOCW 501, T SOCW 502, T SOCW 503, T SOCW 504, T SOCW 505, T SOCW 510, T SOCW 511, T SOCW 512, T SOCW 514, T SOCW 524 (10 credits total)*
- *Specialized curriculum* (29 credits): T SOCW 525 (17 credits total)**, T SOCW 531, T SOCW 532, T SOCW 533, T SOCW 535
- *Electives* (9 credits): T SOCW 540-560. Course list maintained internally by the program.

* Generalist Practicum totals 400 hours (10 credits)

** Specialization Practicum totals 680 hours (17 credits)

Additional Information

Post-Admission Requirements:

Background Check:

- A background check is a required part of the MSW post-admissions process. Students are required to submit a background check using a fee-based online service.

- The SSWCJ strives to explore options for students in these circumstances at the earliest possible point, and to provide accurate information about any possible limitations, if applicable. Students with prior convictions and/or history of other disciplinary actions are strongly encouraged to pursue a social work degree. However, there can be some limitations related to which field placements are available to individuals with prior convictions.

- The SSWCJ does review conviction history information for all admitted social work students. The SSWCJ will conduct a review of all conviction history on a case-by-case basis.

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⊖ Master Of Social Work (Advanced Standing)

Additional Admission Requirements

Please see this program's Graduate Admissions page for current requirements.

Completion Requirements

See individual credential options for completion requirements.

Completion Requirements

- 45 credits
- *Specialized Advanced Standing Curriculum* (36 credits): T SOCW 525 (17 credits total)*, T SOCW 531, T SOCW 532, T SOCW 533, T SOCW 535, T SOCW 597, T SOCW 598
- *Electives* (9 credits): T SOCW 540-560. Course list maintained internally by the program.

* Specialization Practicum totals 680 hours (17 credits)

Additional Information

Post-Admission Requirements

Background Check:

- A background check is a required part of the MSW post-admissions process. Students are required to submit a background check using a fee-based online service.

- The SSWCJ strives to explore options for students in these circumstances at the earliest possible point, and to provide accurate information about any possible limitations, if applicable. Students with prior convictions and/or history of other disciplinary actions are strongly encouraged to pursue a social work degree. However, there can be some limitations related to which field placements are available to individuals with prior convictions.

- The SSWCJ does review conviction history information for all admitted social work students. The SSWCJ will conduct a review of all conviction history on a case-by-case basis.

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Additional Information

Program Goals

The MSW curriculum has been developed to enhance both breadth and depth in professional education and to respond to changing social work practice needs. The curriculum reflects the faculty's commitment to a set of core MSW Curriculum values and principles. The program's curriculum is framed by a set of core values, which flow directly from its mission. Primary among these is the School's commitment to social justice.

Corollary values include commitments to multiculturalism, to social change, and to collaboration and empowerment. Further, the program is dedicated to bringing these commitments to life in its curriculum through pedagogical strategies that recognize the essential synergy between knowledge and action, and that provide opportunities for generative learning.

The MSW Program has these over-arching goals:

The MSW curriculum is organized around these core principles and builds upon the Curriculum Goals.

- To prepare students for generalist practice including basic knowledge and skills for understanding and solving complex social problems within the values of professional social work.
- To prepare students for professional practice in an area of specialization in a way that fosters social work leadership, effective social interventions, a commitment to a just and human diverse society, and a commitment to public service.
- To provide access to social work education to residents of the south Puget Sound region.

Curriculum Competencies

The primary goal of the curriculum is to provide social work students with the critical skills, value base and knowledge to advance social justice, multiculturalism, social change, collaboration and empowerment in their professional roles. This goal is operationalized through 9 core competencies:

1. Demonstrate Ethical and Professional Behavior
2. Engage Diversity and Difference in Practice
3. Advance Human Rights and Social, Economic, and Environmental Justice
4. Engage in Practice-informed Research and Research-informed Practice
5. Engage in Policy Practice
6. Engage with Individuals, Families, Groups, Organizations, and Communities
7. Assess Individuals, Families, Groups, Organizations, and Communities
8. Intervene with Individuals, Families, Groups, Organizations, and Communities
9. Evaluate Practice with Individuals, Families, Groups, Organizations, and Communities

MSW Program Evaluation Competency Benchmarks

All Council on Social Work Education programs measure and report student learning outcomes. Students are assessed on their mastery of the competencies, which comprise the accreditation standards of the Council on Social Work Education. These competencies are dimensions of social work practice, which all social workers are expected to master during their professional training. A measurement benchmark is set by the social work programs for each competency. An assessment score at or above that benchmark is considered by the program to represent mastery of that particular competency.

Part-time Program of Study

The MSW program offers a 3-year, part-time, evening study cohort program option as well as a part-time, evening Advanced Standing, 18-month program option. All Advanced Standing applicants must meet specific criteria to be eligible for admission consideration. There are no full-time MSW study options available at UW Tacoma.

Satisfactory Progress

Continuation in the Master of Social Work program at the University of Washington Tacoma occurs only if students maintain satisfactory performance and progress toward degree completion. These minimum standards consist of the following:

- Complete 75-credits for the MSW (3-year) degree or 45-credits for the Advanced Standing MSW degree.
- Maintain a minimum cumulative University grade point average of 3.00 for all 400- and 500-level graded courses.
- Students must complete, and pass all required Social Work classes with a minimum grade of a 2.7 or higher or Satisfactory “S” or Credit “CR.”
- Maintain continuous enrollment or apply for a Leave of Absence with the Graduate School.
- Meet the requirements found in the University of Washington Student Conduct Code as amplified in the Essential Skills, Values and Standards of Professional Conduct.

Non-Satisfactory Progress

- Failure to maintain a cumulative or quarterly grade point average of 3.00 or to earn at least a 2.7 or "S" or "CR" in a required class is considered low scholarship. Low scholarship may lead to a change-in-status action by the Graduate School, including Warning, Probation, Final Probation, or Drop.
- Students who accumulate more than two incomplete "I" grades on their transcripts or carry incompletes beyond one quarter will be reviewed for satisfactory progress.
- A student who receives a failing grade in a required course for the MSW degree will be allowed to repeat that course one time.
- No student with a failed grade in a required social work curriculum course will be eligible for field placement until that course has been made up with a satisfactory grade.
- Both the Generalist (T SOCW 524) and Specialization (T SOCW 525) level Field Education placement (also known as "practicum") must be successfully completed with a grade of "credit" for each quarter to graduate from the MSW program.

Immunizations - Health Sciences Immunization Program (HSIP)

Students are required to meet the immunization requirements set by University of Washington Health Sciences Immunization Program (HSIP). The School of Social Work and Criminal Justice and UW Tacoma MSW Program does not accept or grant requests for waivers to the immunization requirements. Information about Health Science requirements, procedures, and fees may be found on the follow web site: https://www.ehs.washington.edu/workplace/health-sciences-immunizationprogram-hsip.

Students in the UW Tacoma MSW Program may access assistance with immunizations through their personal healthcare provider, or through UW Tacoma Student Health Services. For additional assistance with questions and requirements you can contact HSIP at myshots@uw.edu.

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Urban Studies Program

Urban Studies

Third Floor Pinkerton Building
253-692-5880
Website
Faculty Website
uwturban@uw.edu

The Urban Studies Program offers a bachelor of arts in urban studies with formal options in Community Development & Planning and GIS & Spatial Planning. The degree starts with an introduction into the discipline of urban studies with course topics on exploring cities, world development, and urban studies "in practice". The formal options deliver focused theory and skill-based courses that teach how to understand and impact the local and global dynamics of urban society. Graduates are prepared for public or private-sector jobs in areas such as housing and community development, planning, transportation, government agencies, and social services. The program is also excellent preparation for those interested in graduate study in such fields as community development, public administration, law or urban planning/design.

- Undergraduate Programs
  - Program of Study: Major: Sustainable Urban Development
    - Bachelor of Arts degree with a major in Sustainable Urban Development: Community Engagement
    - Bachelor of Arts degree with a major in Sustainable Urban Development: Geographic Information Systems
  - Program of Study: Major: Urban Design
    - Bachelor of Science degree with a major in Urban Design
  - Program of Study: Major: Urban Studies
    - Bachelor of Arts degree with a major in Urban Studies: Community Engagement
    - Bachelor of Arts degree with a major in Urban Studies: Geographic Information Systems
  - Program of Study: Minor: Sustainable Urban Development
    - Minor in Sustainable Urban Development
  - Program of Study: Minor: Urban Studies
    - Minor in Urban Studies
- Graduate Programs
  - Program of Study: Master Of Arts In Community Planning
    - Master Of Arts In Community Planning

⊖ Undergraduate Programs

Urban Studies

Third Floor Pinkerton Building
253-692-5880
uwturban@uw.edu

⊖ Program of Study: Major: Sustainable Urban Development

Program Overview

The School of Urban Studies at UW Tacoma offers a BA in Sustainable Urban Development (SUD) with formal options in (1) Community Engagement (2) Geographic Information Systems (GIS). The degree prepares students to address emerging climate change challenges

and initiatives that call for the significant “greening” of urban development, both locally and internationally. Graduates will be prepared for careers in planning agencies, corporations adhering to sustainability practices, consulting firms, nonprofit organizations, and environmental/resource related agencies at the local, state, and federal levels of government. The degree is also excellent training for further graduate study in fields such as urban planning, public administration and law.

This program of study leads to the following credentials:

- Bachelor of Arts degree with a major in Sustainable Urban Development: Community Engagement
- Bachelor of Arts degree with a major in Sustainable Urban Development: Geographic Information Systems

Admission Requirements

Students need a cumulative GPA of 2.00 and at least 40 college-level credits for admission.

- A cumulative grade point average (GPA) of 2.00 in all college course work.
- Completion of a minimum of 40 transferable college-level credits.

How to Declare:

- Meet with the School of Urban Studies Academic Advisor to discuss degree requirements and submit a declaration of major form.

⊖ Bachelor of Arts degree with a major in Sustainable Urban Development: Community Engagement

Credential Overview

Examines the production and development of cities from different community perspectives and teaches how cities are planned and built, and the power dynamics that influence inclusion and exclusion from urban spaces and political processes. Explores new strategies and builds new skills in community engagement for producing better cities and improving urban conditions.

Completion Requirements

To qualify for graduation with a Bachelor of Arts in Sustainable Urban Development from the University of Washington Tacoma, each student must complete the following requirements:

- Satisfy all University and general education requirements.
- Transfer students can bring up to 105 lower-division credits into the program.
- Be a matriculated Sustainable Urban Development major in good academic standing with the University of Washington Tacoma.
- Earn a minimum grade of 2.0 in each of the shared curriculum and foundation courses.
- Earn a minimum 2.00 cumulative GPA in courses applied to the major
- Apply for graduation with a program advisor by the deadline posted by the University for the expected quarter of graduation.
- The curriculum consists of 70 credits of required course work:
    - **Shared Curriculum Courses (20 credits)**
        - T URB 101 (5 credits)
        - T URB 103 (3 credits)
        - T URB 110 (5 credits)
        - T URB 200 (5 credits)
        - T URB 403 (2 credits)
    - **Foundation Courses (25 Credits) - choose 5 of the below courses**
        - T URB 220 (5)
        - T SUD 222 (5)
        - T SUD 240 (5)
        - T GIS 311* (6)
        - T URB 314 (5)
        - T URB 322 (5)

        - T HLTH 410/T URB 410 (5)
        - T SUD 444 (5)
        - T SUD 445 (5)

    - **Students must choose between two formal options** (1) Community Engagement (25 credits), or (2) Geographic Information Systems (GIS) (25 credits)

*Students choosing the GIS formal option cannot apply T GIS 311 to their foundation course credits.

Additional Completion Requirements

The formal option in Community Engagement includes the following:

- **Community Engagement (25 credits)**
    - All of the following:
        - T URB 235 (5)
        - T URB 220 (5)
        - T URB 340 (5)
    - Two of the following:
        - T URB 379 (5)
        - T URB 479 (5)
        - T URB 470 (5)
        - T URB 498 (5)

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⊖ Bachelor of Arts degree with a major in Sustainable Urban Development: Geographic Information Systems

Credential Overview

Prepares students to solve complex social, economic, and environmental problems by combining GIS (Geographic Information Systems) based approaches to mapping and spatial analysis with a classical and theoretically critical foundation in Urban Studies.

Additional Admission Requirements

Admission to the Geographic Information Systems (GIS) option does not require any prior experience in GIS. Coursework in the program assumes a working knowledge and confidence with computers, office software (such as Microsoft Word and Excel) and internet browsers (such as Mozilla Firefox, Google Chrome, and Internet Explorer).

Completion Requirements

To qualify for graduation with a Bachelor of Arts in Sustainable Urban Development from the University of Washington Tacoma, each student must complete the following requirements:

- Satisfy all University and general education requirements.
- Transfer students can bring up to 105 lower-division credits into the program.
- Be a matriculated Sustainable Urban Development major in good academic standing with the University of Washington Tacoma.
- Earn a minimum grade of 2.0 in each of the shared curriculum and foundation courses.
- Earn a minimum 2.00 cumulative GPA in courses applied to the major
- Apply for graduation with a program advisor by the deadline posted by the University for the expected quarter of graduation.
- The curriculum consists of 70 credits of required course work:
    - **Shared Curriculum Courses (20 credits)**
        - T URB 101 (5 credits)
        - T URB 103 (3 credits)
        - T URB 110 (5 credits)

        - T URB 200 (5 credits)
        - T URB 403 (2 credits)
    - **Foundation Courses (25 Credits) - choose 5 of the below courses**
        - T URB 220 (5)
        - T SUD 222 (5)
        - T SUD 240 (5)
        - T GIS 311* (6)
        - T URB 314 (5)
        - T URB 322 (5)
        - T HLTH 410/T URB 410 (5)
        - T SUD 444 (5)
        - T SUD 445 (5)
    - **Students must choose between two formal options** (1) Community Engagement (25 credits), or (2) Geographic Information Systems (GIS) (25 credits)

*Students choosing the GIS formal option cannot apply T GIS 311 to their foundation course credits.

Additional Completion Requirements

The formal option in Geographic Information Systems (GIS) includes the following:

- **Geographic Information Systems (GIS) (25 credits)**
    - T GIS 311 (6)
    - T GIS 312 (6)
    - T GIS 313 (3)
    - T GIS 414 (5)
    - T GIS 415 (5)
- **Each course in the GIS formal option requires a minimum grade of 2.5**

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Additional Information

Academic Standards/Policies

- The following standards apply to all admitted students in the Urban Studies major. These standards may be in addition to other academic standards at UW Tacoma.
    - Students must satisfactorily complete all Urban Studies required course work by achieving a minimum 2.0 grade in each course with exception of GIS courses; students must earn a minimum grade of 2.5 in all GIS formal option courses. If a grade below these standards is received, the student must repeat the course. Course credit will only be awarded once and both grades will be computed into the grade point average.
    - Upper-division courses completed at other accredited four-year institutions may be applied toward the general elective requirement. Academic advisor can conduct a transcript evaluation upon request.

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⊖ Program of Study: Major: Urban Design

Program Overview

The School of Urban Studies offers a Bachelor of Science in Urban Design. This degree prepares students to become design professionals who understand challenges of working in and with changing cities. In order to produce livable cities and neighborhoods, learning to design must be an inclusive and pragmatic process. Students will gain skills in inclusive urban design and incorporate a passion for social change, equality, and justice into meaningful urban design solutions. It will train students to be socially conscious

designers who understand the importance of community voices, the dynamics of power, and the challenges of creating a resilient urban environment with a focus on spatial equality. Students will acquire skills in visual communication, design thinking, and community engaged design processes, computer graphics and the use of digital technologies for visualization, analysis, and methods of data gathering and dissemination.

This program of study leads to the following credential:

- Bachelor of Science degree with a major in Urban Design

Admission Requirements

If you have completed the prerequisites listed below with a cumulative GPA of 2.00 or higher, and have earned at least 40 credits, you can be considered for admission to the Bachelor of Science in Urban Design.

- A cumulative grade point average (GPA) of 2.00 in all college course work. Applicants with a completed application and a minimum GPA of 2.70 will be given priority consideration for admission.
- 5 credits of English composition.

How to Apply

- If you are a current UW Tacoma student:
  - Step 1: Meet with the Urban Studies advisor to discuss degree requirements and time to completion.
  - Step 2: Submit an admission request to the Online Urban Design Application form. Include a personal statement addressing the following topic:
    - Describe how personal, professional or educational experiences have shaped your academic, career and/or personal goals. How will a BS in Urban Design from UW Tacoma help you attain these goals?
    - Note: Students must have at least 40 college-level credits to declare Urban Design as a major. Students interested in this major are encouraged meet with an Urban Design advisor anytime.
- If you are not a current UW Tacoma student:
  - Step 1: Meet with the Urban Studies advisor to discuss degree requirements and time to completion.
  - Step 2: Submit an application for admission to UW Tacoma. In your application to UW Tacoma, you will be asked to submit a personal goal statement. Follow the essay prompt in the application, being sure to address how a BS in Urban Design from UW Tacoma will help you attain your goals.
    - If you are transferring from a community college or another university, complete the Application for Transfer Admission and select Urban Studies when prompted.
    - If you are a student or Running Start student, complete the Freshman Application.
    - Note: Freshman must have at least 40 college-level credits to declare Urban Design as a major. Students interested in this major are encouraged meet with an Urban Design advisor anytime.
    - If you were previously enrolled at UW Tacoma, complete the Returning Student Application in lieu of the Application for Transfer Admission.
    - If you are an international student, complete the Application for International Transfer Admission. Review the additional requirements for international students.
  - Step 3: Submit the Urban Design Online Application. Include a personal statement addressing the following topic:
    - Describe how personal, professional or educational experiences have shaped your academic, career and/or personal goals. How will a BS in Urban Design from UW Tacoma help you attain these goals?

⊖ Bachelor of Science degree with a major in Urban Design

Credential Overview

Urban design will prepare students to become design professionals who understand challenges of working in and with changing cities. In order to produce livable cities and neighborhoods, learning to design must be an inclusive and pragmatic process. Students will gain skills in inclusive urban design and incorporate a passion for social change, equality, and justice into meaningful urban design solutions. It will train students to be socially conscious designers who understand the importance of community voices, the dynamics of poser, and the challenges of creating a resilient urban environment with a focus on spatial equality. Students will acquire skills in visual communication, design thinking, and community engaged design processes, computer graphics and the use of digital technologies for visualization, analysis, and methods of data gathering and dissemination.

Completion Requirements

To qualify for graduation with a Bachelor of Science in Urban Design from the University of Washington Tacoma, each student must complete the following requirements:

- Be a matriculated Urban Design major in good academic standing with the University of Washington Tacoma.
- Earn a minimum grade of 2.7 in each required Urban Design (T UDE) studio course (T UDE 260, 340, 350, 360, 440, 450, 460) and a 2.0 or higher in all other required major courses with the exception of T GIS 311. The minimum grade requirement for T GIS 311 is 2.7.
- Earn a cumulative grade point average of at least 2.00.
- Apply for graduation with a program advisor by the deadline posted by the University for the expected quarter of graduation.

- The curriculum consists of 81 credits of required course work:
  - **Shared Curriculum courses (20 credits)**
    - T URB 101 (5 credits)
    - T URB 103 (3 credits)
    - T URB 110 (5 credits)
    - T URB 200 (5 credits)
    - T URB 403 (2 credits)
  - **Urban Design Core Courses (61 credits)**
    - T UDE 210* (5)
    - T UDE 260* (5)
    - T URB 220 (5)
    - T GIS 311 (6)
    - T UDE 310 (5)
    - T UDE 340 (5)
    - T UDE 350 (5)
    - T UDE 360 (5)
    - T UDE 440 (5)
    - T UDE 450 (5)
    - T UDE 460 (5)
    - One of the following classes (5)
      - T URB 250 (5)
      - T URB 312 (5)
      - T URB 322 (5)
      - T URB 480 (5)

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Additional Information

Academic Standards/Policies

- The following standards apply to all admitted students in the Urban Design major. These standards may be in addition to other academic standards at UW Tacoma.
  - Students must satisfactorily complete all required Urban Design (T UDE) studio course work by achieving a minimum grade of 2.7 in each course. If a grade below 2.7 is received, the student must repeat the course. Course credit will only be awarded once and both grades will be computed into the grade point average.
  - Students must satisfactorily complete all other required major course work by achieving a minimum grade of 2.0 in each required course. If a grade below 2.0 is received, the student must repeat the course. Course credit will only be awarded once and both grades will be computed into the grade point average.

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⊖ Program of Study: Major: Urban Studies

Program Overview

The School of Urban Studies offers a Bachelor of Arts in Urban Studies with formal options in (1) Community Engagement (2) Geographic Information Systems (GIS). The degree starts with an introduction to the discipline of urban studies with course topics on the history and evolution of cities, urban research, and urban studies "in practice". The formal options deliver focused theory and skill-based courses that teach how to understand and impact the local and global dynamics of urban society. Graduates are prepared for public or private-sector jobs in areas such as housing and community development, planning, transportation, government agencies, and social services. The program is also excellent preparation for those interested in graduate study in such fields as community development, public administration, law or urban planning/design.

This program of study leads to the following credentials:

- Bachelor of Arts degree with a major in Urban Studies: Community Engagement
- Bachelor of Arts degree with a major in Urban Studies: Geographic Information Systems

Admission Requirements

The School of Urban Studies admits students every quarter except summer.

Students need a cumulative GPA of 2.00 and at least 40 college-level credits for admission.

- A cumulative grade point average (GPA) of 2.00 in all college course work.
- Completion of a minimum of 40 transferable college-level credits.

How to Declare:

- Meet with the School of Urban Studies Academic Advisor to discuss degree requirements and submit a declaration of major form.

⊖ Bachelor of Arts degree with a major in Urban Studies: Community Engagement

Credential Overview

Examines the production and development of cities from different community perspectives and teaches how cities are planned and built, and the power dynamics that influence inclusion and exclusion from urban spaces and political processes. Explores new strategies and builds new skills in community engagement for producing better cities and improving urban conditions.

Completion Requirements

To qualify for graduation with a Bachelor of Arts in Urban Studies from the University of Washington Tacoma, each student must complete the following requirements:

- Satisfy all University and general education requirements.
- Transfer students can bring up to 105 lower-division credits into the program.
- Be a matriculated Urban Studies major in good academic standing with the University of Washington Tacoma.
- Earn a minimum grade of 2.0 in each of the shared curriculum and foundation courses.
- Earn a minimum 2.00 cumulative GPA in courses applied to the major
- Apply for graduation with a program advisor by the deadline posted by the University for the expected quarter of graduation.
- The curriculum consists of 70 credits of required course work:
  - **Shared Curriculum Courses (20 credits)**
    - T URB 101 (5 credits)
    - T URB 103 (3 credits)
    - T URB 110 (5 credits)
    - T URB 200 (5 credits)
    - T URB 403 (2 credits)
  - **Foundation Courses (25 credits) - choose 5 of the below courses**
    - T URB 210 (5 credits)
    - T URB 225 (5 credits)
    - T URB 250 (5 credits)
    - T GIS 311* (6 credits)
    - T URB 312 (5 credits)
    - T URB 316 (5 credits)
    - T URB 345 (5 credits)
    - T URB 432 (5 credits)
    - T URB 480 (5 credits)
  - **Students must choose between two formal options** (1) Community Engagement (25 credits), or (2) Geographic Information Systems (GIS) (25 credits)

*Students choosing the GIS formal option cannot apply T GIS 311 to their foundation course credits.

Additional Completion Requirements

The formal option in Community Engagement includes the following:

- **Community Engagement (25 credits)**
  - All of the following:
    - T URB 235 (5)
    - T URB 220 (5)
    - T URB 340 (5)
  - Two of the following:
    - T URB 379 (5)
    - T URB 470 (5)
    - T URB 479 (5)
    - T URB 498 (5)

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⊖ Bachelor of Arts degree with a major in Urban Studies: Geographic Information Systems

Credential Overview

Prepares students to solve complex social, economic, and environmental problems by combining GIS (geographic information

systems) based approaches to mapping and spatial analysis with a classical and theoretically critical foundation in urban studies.

Additional Admission Requirements

Admission to the Geographic Information Systems (GIS) option does not require any prior experience in GIS. Coursework in the program assumes a working knowledge and confidence with computers, office software (such as Microsoft Word and Excel) and internet browsers (such as Mozilla Firefox, Google Chrome, and Internet Explorer).

Completion Requirements

To qualify for graduation with a Bachelor of Arts in Urban Studies from the University of Washington Tacoma, each student must complete the following requirements:

- Satisfy all University and general education requirements.
- Transfer students can bring up to 105 lower-division credits into the program.
- Be a matriculated Urban Studies major in good academic standing with the University of Washington Tacoma.
- Earn a minimum grade of 2.0 in each of the shared curriculum and foundation courses.
- Earn a minimum 2.00 cumulative GPA in courses applied to the major
- Apply for graduation with a program advisor by the deadline posted by the University for the expected quarter of graduation.
- The curriculum consists of 70 credits of required course work:
    - **Shared Curriculum Courses (20 credits)**
        - T URB 101 (5 credits)
        - T URB 103 (3 credits)
        - T URB 110 (5 credits)
        - T URB 200 (5 credits)
        - T URB 403 (2 credits)
    - **Foundation Courses (25 credits) - choose 5 of the below courses**
        - T URB 210 (5 credits)
        - T URB 225 (5 credits)
        - T URB 250 (5 credits)
        - T GIS 311* (6 credits)
        - T URB 312 (5 credits)
        - T URB 316 (5 credits)
        - T URB 345 (5 credits)
        - T URB 432 (5 credits)
        - T URB 480 (5 credits)
    - **Students must choose between two formal options** (1) Community Engagement (25 credits), or (2) Geographic Information Systems (GIS) (25 credits)

*Students choosing the GIS formal option cannot apply T GIS 311 to their foundation course credits.

Additional Completion Requirements

The formal option in Geographic Information Systems (GIS) includes the following:

- **Geographic Information Systems (GIS) (25 credits)**
    - T GIS 311 (6)
    - T GIS 312 (6)
    - T GIS 313 (3)
    - T GIS 414 (5)
    - T GIS 415 (5)
- **Each course in the GIS formal option requires a minimum grade of 2.5**

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Additional Information

Academic Standards/Policies

- The following standards apply to all admitted students in the Urban Studies major. These standards may be in addition to other academic standards at UW Tacoma.
  - Students must satisfactorily complete all Urban Studies required course work by achieving a minimum 2.0 grade in each course with exception of GIS courses; students must earn a minimum grade of 2.5 in all GIS courses. If a grade below these standards is received, the student must repeat the course. Course credit will only be awarded once and both grades will be computed into the grade point average.
  - Upper-division courses completed at other accredited four-year institutions may be applied toward the general elective requirement. Academic advisor can conduct a transcript evaluation upon request.

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⊖ Program of Study: Minor: Sustainable Urban Development

Program Overview

The Sustainable Urban Development (SUD) minor provides an opportunity for students pursuing other majors to complement their learning with concepts and principles valuable in the largely urban world in which they live and vote. These principles include the necessity to consider social justice, environmental, and end economic outcomes as part of the sustainability matrix; the tensions, complementarities, and tradeoffs among these dimensions; and the role that urban/suburban growth and form play in furthering this multi-dimensional concept of sustainability. This background should be attractive and useful for students from many majors, including social sciences, natural sciences, engineering, and the professional fields.

This program of study leads to the following credential:

- Minor in Sustainable Urban Development

⊖ Minor in Sustainable Urban Development

Credential Overview

The Sustainable Urban Development (SUD) minor provides an opportunity for students pursuing other majors to complement their learning with concepts and principles valuable in the largely urban world in which they live and vote. These principles include the necessity to consider social justice, environmental, and end economic outcomes as part of the sustainability matrix; the tensions, complementarities, and tradeoffs among these dimensions; and the role that urban/suburban growth and form play in furthering this multi-dimensional concept of sustainability. This background should be attractive and useful for students from many majors, including social sciences, natural sciences, engineering, and the professional fields.

Completion Requirements

Requirements

- The Sustainable Urban Development minor requires the completion of 31 credits (listed below).
- All of the courses in the minor must be completed in residence at UW Tacoma.
- No more than 50% (15 credits) can overlap with another major.
- Sustainable Urban Development (SUD) majors cannot earn this minor.
- Courses in the minor may also count, as appropriate, toward foreign language, RSN, writing, and Areas of Inquiry requirements, without restriction.
- Students must satisfactorily complete all coursework in the SUD minor by achieving a minimum 2.0 grade point average in each required course. If a grade below 2.0 is received, the student may repeat the course. Course credit will only be awarded once, and both grades will be computed into the grade point average.

Courses

- T URB 103 (1-2, max. 3); 1 credit required for the minor.
- T SUD 222 (5)
- T SUD 240 (5)
- T SUD 444 (5)
- T SUD 445 (5)
- T SUD 475 (5)
- 5 credits of any other T URB or T SUD course

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Program of Study: Minor: Urban Studies

Program Overview

Urban Studies is multi-disciplinary by nature and can serve to complement a variety of degree programs in the social science, business, healthcare, and social work. The Urban Studies minor offers courses on contemporary urban issues with a global and community perspective. Courses include Exploring Cities, City in World Development, and Urban Studies in Practice - a course that exposes students to the field of urban studies through a variety of faculty research presentations, guest lectures, public forums, debates, workshops, and other events. The Urban Studies minor will be noted on the official UW transcript.

This program of study leads to the following credential:

- Minor in Urban Studies

Minor in Urban Studies

Credential Overview

Urban Studies is multi-disciplinary by nature and can serve to complement a variety of degree programs at the UW. This minor is intended to provide students from other programs (across all UW campuses) with an understanding of and appreciation for urban issues and problems.

Completion Requirements

Requirements

- All of the courses in the minor must be completed in residence at UW Tacoma.
- No more than 50% (15 credits) can overlap with another major.
- Urban Studies majors cannot earn this minor.
- Courses in the minor may also count, as appropriate, toward foreign language, RSN, writing, and Areas of Inquiry requirements, without restriction.
- Students must satisfactorily complete all core & core elective coursework in the Urban Studies minor by achieving a minimum 2.0 grade point average in each required course. If a grade below 2.0 is received, the student may repeat the course. Course credit will only be awarded once, and both grades will be computed into the grade point average.
- The minor in Urban Studies requires 29-31 credits, with at least 10 credits required to be upper division.
  - T URB 101 (5)
  - T URB 102 (5)
  - T URB 103 (1-2, max. 3); 1 credit required for the minor.
  - One upper division course (300 or higher level course) from each of the two tracks
    - Global Urbanism (select one course from this list):
      - T URB 305 (3)
      - T URB 430 (5)

        - T SUD 444 (5)
    - Community Development and Planning (select one course from this list)
        - T URB 312 (5)
        - T URB 340 (5)
        - T URB 480 (5)
        - T SUD 475 (5)
- 10 credits of any other T URB or T SUD course

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Graduate Program

Urban Studies

Program of Study: Master Of Arts In Community Planning

Program Overview

The Master of Arts in Community Planning (MACP) degree program builds on an undergraduate education in urban studies or a related field. MACP graduates will build a portfolio of skills that prepare them to be competent collaborative professionals who work with and empower community constituents, influencing processes of policy formation, resource generation, community change and urban development. Graduates will gain theoretical and hands-on skills to transform passions for social change, equity and justice into professionally- driven actions that build community and create long-term positive change. The program's emphasis on urban social studies, community development, and urban problem solving is a direct expression of the UW Tacoma's mission as a higher education institution to build and enhance authentic connections with its communities. The MACP is a two-year, 60 credit program designed to support a cohort of up to 20 students per year. Admission is for autumn quarter only. Courses can be taken on a full-time basis (10 credits/quarter) and a part-time option is available.

This program of study leads to the following credential:

- Master Of Arts In Community Planning

Admission Requirements

Please see this program's Graduate Admissions page for current requirements.

Continuation Policy

Academic Standards/Policies

Each student is required to maintain satisfactory progress meeting the Graduate School and School of Urban Studies standards relative to scholarship and performance in pursuit of the master's degree, including each of the following:

- Maintain a cumulative 3.0 GPA
- Earn a quarterly GPA of 3.00 or higher
- Earn a grade of 2.7 or higher in each required course
- Make adequate progress with practicum project as determined by the faculty advisor or committee chair.

Master Of Arts In Community Planning

Completion Requirements

60 credits

1. *Required Courses (60* credits): TCMP 521, TCMP 525, TCMP 546, TCMP 554, TCMP 557, TCMP 566, TCMP 573, TCMP 571, TCMP 572, TCMP 582, TCMP 590, TCMP 591

- Along with UW Graduate School requirements, all courses taken to complete the 60 credits must receive a passing grade (2.7 or higher).
- A minimum 3.0 cumulative GPA is required.
- All courses are graded on a 4.0 scale. No courses can be graded on a S/NS or C/NC basis.

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Additional Information

Skills Developed

- Qualitative and quantitative analytical skills
- Asset mapping
- Persuasive argument and critique
- Development finance and budgeting
- Collaboration with NGOs
- Communications planning and design
- Conflict management
- Cost-benefit analysis
- Design and facilitation of public meetings
- Graphic communication
- Project management
- Professional writing skills
- Strategic planning and prioritization
- Succinct and effective public messaging

Learning Outcomes

1. Understand the structural forms of socio-spatial power that produce inequitable patterns in metropolitan development; understand the history of social movements (including current community organizing models) that challenge the status quo
2. Be capable of interpreting and organizing a theoretically informed policy position, including efficient and accurate practices of reading, summarizing, sourcing and citing examples from other locations including, failed solutions and/or peer-reviewed research
3. Develop and experience practices of policy analysis, project management and community engagement, using interpretive, relational and positivist methods
4. Be comfortable accessing, collecting, organizing, and analyzing primary and secondary data sources to create findings relevant for quantitative and qualitative evaluation, narrative development, and the creation of "findings" and contextual landscape analyses
5. Become proficient at succinct, research-based, effective, professional forms of planning communication in a variety of genres appropriate for broad audiences and targeted communities
6. Be able to carry out stages of analysis and action in a community-based process of policy advocacy, inclusive planning and/or institutional change through a variety of methods and tool development including advocacy documentation and community organizing

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COURSE DESCRIPTIONS

Milgard School of Business

ACCOUNTING

T ACCT 210 Financial Accounting I: Users Approach to Accounting (5)
Introduces accounting concepts within the context of financial business decisions. Presents an overview of the role of accounting in the financial community and business operations. Emphasizes the external use of financial accounting for fiscal decision-making. Maximum 15 credits allowed between ACCTG 215; ACCTG 225; T ACCT 210; T ACCT 220; and T ACCT 230 (or equivalents). Offered: A.
View course details in MyPlan: T ACCT 210

T ACCT 220 Financial Accounting II: The Reporting Process (5)
Introduces accounting processes that produce financial accounting reports including the balance sheet, income statement and statement of cash flows. Emphasizes how to gather, calculate, and organize accounting information into standardized reports based on the generally accepted accounting principles. Maximum 15 credits allowed between ACCTG 215; ACCTG 225; T ACCT 210; T ACCT 220; and T ACCT 230 (or equivalents). Prerequisite: a minimum grade of 2.0 in T ACCT 210. Offered: W.
View course details in MyPlan: T ACCT 220

T ACCT 230 Managerial Accounting (5)
Provides an introduction to management accounting concepts in the context of business decisions. Explores management accounting's roles in the decision making process and how managers and other internal uses rely on the information to make better business decisions that benefit an organization. Maximum 15 credits allowed between ACCTG 215; ACCTG 225; T ACCT 210; T ACCT 220; and T ACCT 230 (or equivalents). Prerequisite: a minimum grade of 2.0 in either T ACCT 220 or ACCTG 215. Offered: Sp.
View course details in MyPlan: T ACCT 230

T ACCT 301 Intermediate Accounting I (5)
Learn practical applications of accounting standards and financial statements that are discussed in introductory financial accounting classes by providing a closer look at the standard setting process, the conceptual framework, the accounting information system, accounting analytics, and the structure of financial statements. First in a three-part sequence that incorporates an analytical approach to the financial reporting process. Course equivalent to: B BUS 361. Course overlaps with: ACCTG 301. Prerequisite: either a minimum grade of 2.0 in T ACCT 210; a minimum grade of 2.0 in T ACCT 220; and a minimum grade of 2.0 in T ACCT 230, or a minimum grade of 2.0 in ACCTG 215 and a minimum grade of 2.0 in ACCTG 225.
View course details in MyPlan: T ACCT 301

T ACCT 302 Intermediate Accounting II (5)
Develop the foundation for more advanced study topics such as advanced accounting, auditing and forensic accounting. This series is considered the single most important course combination for students who aspire to become auditors, managers, actuaries, financial or fraud analysts, and consultants in the global information economy. Second in a three-part sequence that incorporates an analytical approach to the financial reporting process Course equivalent to: B BUS 362. Course overlaps with: ACCTG 402. Prerequisite: a minimum grade of 1.7 in T ACCT 301.
View course details in MyPlan: T ACCT 302

T ACCT 303 Intermediate Accounting III (5)
Extend the practical application of accounting standards and financial statements by exploring the principles that underlie financial statements in the areas of investments, revenue recognition, income taxes, pensions and postretirement benefits, leases, accounting changes and errors, cash flows, analytics, and full disclosure. Third in a three-part sequence that incorporates an analytical approach to the financial reporting process. Course overlaps with: ACCTG 403. Prerequisite: a minimum grade of 1.7 in T ACCT 302.
View course details in MyPlan: T ACCT 303

T ACCT 311 Cost Accounting (5)
Focuses on the collection, development and use of cost data for external reporting and internal planning. Students examine cost accounting theory and procedures involving cost determination, analysis, and control through the application of such analytical and critical skills as allocations, budgeting, job order and process costing, and quantification of various business processes. Course equivalent to: B BUS 373. Course overlaps with: ACCTG 311.
View course details in MyPlan: T ACCT 311

T ACCT 330 Introduction to Accounting Information Systems (5)
Introduction to accounting information systems in organizations. Examine key accounting elements tied to underlying business processes and it examines issues of maintaining the integrity of accounting information systems. Integrate the accounting function with information technology and introduces the structure of database systems. Course equivalent to: B BUS 435. Course overlaps with: ACCTG 320.
View course details in MyPlan: T ACCT 330

T ACCT 401 Forensic Accounting (5)
Explores the nature, detection and prevention of fraudulent financial reporting. Investigates types of fraud, how fraud is committed, and ways to prevent fraud in corporations. Prerequisite: a minimum grade of 1.7 in T ACCT 302.
View course details in MyPlan: T ACCT 401

T ACCT 404 Advanced Financial Accounting (5)
Explores accounting and reporting for business combinations (mergers, acquisitions, partnerships and joint ventures), foreign currency transactions and translations, reporting for business segments, and corporate and partnership liquidations, and reorganizations. Emphasizes linking theory to practice through the use of current financial statement reviews. Prerequisite: a minimum grade of 1.7 in T ACCT 302.
View course details in MyPlan: T ACCT 404

T ACCT 411 Auditing Standards and Principles (5)
Learn the fundamental concepts, standards, and procedures used in planning, conducting, and reporting on audits. As well as current issues and challenges facing auditors and the profession as a whole. There will also be an emphasis on the importance of character and ethics, communication skills, flexibility, analytical and critical thinking, and technological competence. Course equivalent to: B BUS 411. Course overlaps with: ACCTG 411. Prerequisite: a minimum grade of 1.7 in T ACCT 301.
View course details in MyPlan: T ACCT 411

T ACCT 431 Financial Statement Analysis (5)
Enhances the understanding of accounting principles and techniques used to prepare financial statements, and methods an analyst might employ to increase the relevance of financial information. Demonstrates the use of financial statement data in the valuation of firms. Prerequisite: T BUS 350.
View course details in MyPlan: T ACCT 431

T ACCT 451 Individual Income Taxation (5)
Course covers US Federal income taxation for individuals, including compliance requirements and the role of taxation in personal decisions. Some of the topics covered include wage, business and investment income, personal and business deductions, and property transactions. Course overlaps with: ACCTG 451. Prerequisite: a minimum grade of 1.7 in T ACCT 301.
View course details in MyPlan: T ACCT 451

T ACCT 453 Advanced Taxation (5)
Examines US Federal income taxation of business entities, including corporations, partnerships and subchapter S corporations. Topics include: the tax effects of entity formation, distribution of profits, and entity dissolution; and related impact on individual taxpayers. Prerequisite: a minimum grade of 1.7 in T ACCT 451.
View course details in MyPlan: T ACCT 453

T ACCT 468 Cooperative Field Experience (1-5, max. 5)
Provides opportunities to gain experience and apply concepts taught in the accounting concentration. Involves learning skills and applying knowledge through practical experience working cooperatively with professionals in the field. Requires application and completed employer contract with faculty permission. Prerequisite: a minimum grade of 1.7 in T ACCT 301.
View course details in MyPlan: T ACCT 468

T ACCT 469 Undergraduate Research in Accounting (1-5, max. 5)
Provides students opportunity to explore a specific accounting topic, idea, project, or research interest that extends previous knowledge and broadens experience. Proposals and course criteria are developed in cooperation with specific faculty members prior to course registration. Prerequisite: a minimum grade of 1.7 in T ACCT 302.
View course details in MyPlan: T ACCT 469

T ACCT 471 Internal Auditing (3)
Independent appraisal function established within an organization. Role and nature of internal auditing; intensive review of internal control; management effectiveness audits; and financial audits from the point of view of the internal auditor. Prerequisite: a minimum grade of 1.7 in T ACCT 411.
View course details in MyPlan: T ACCT 471

T ACCT 475 Introduction to Enterprise Resource Planning and Accounting Analytics (5)
Uses accounting and business processes to learn analytics and Enterprise Resources Planning to build skills to identify, capture, and analyze data. Develops information from accounting systems and data-driven insights through extracting and loading data using analytic tools & techniques, as well as visualizing data using Tableau or other software. Prerequisite: a minimum grade of 1.7 in T ACCT 301.
View course details in MyPlan: T ACCT 475

T ACCT 480 Government and Non-Profit Accounting (5)
Explores the unique accounting models used in reporting the financial results of governmental and not-for-profit entities. Examines financial reporting under these models from the user perspective, while cultivating an understanding of the accounting system requirements needed to meet this perspective. Course overlaps with: ACCTG 480 and B BUS 449. Prerequisite: a minimum grade of 1.7 in T ACCT 301.
View course details in MyPlan: T ACCT 480

T ACCT 485 International Accounting (5)
Enhances understanding of international accounting issues. Examines the impacts of accounting diversity on global capital flows, and explores the convergence of global accounting standards. Covers accounting for changing prices, goodwill and other intangibles, as well as social and environmental rep0rting, geographic

segment disclosure practices, and financial reporting in developing economics.
View course details in MyPlan: T ACCT 485

T ACCT 490 Special Topics in Accounting (1-6, max. 6)
View course details in MyPlan: T ACCT 490

T ACCT 501 Intermediate Accounting I (5)
Learn practical applications of accounting standards and financial statements that are discussed in introductory financial accounting classes by providing a closer look at the standard setting process, the conceptual framework, the accounting information system, accounting analytics, and the structure of financial statements. First in a three-part sequence that incorporates an analytical approach to the financial reporting process.
View course details in MyPlan: T ACCT 501

T ACCT 502 Intermediate Accounting II (5)
Develop the foundation for more advanced study topics such as advanced accounting, auditing and forensic accounting. This series is considered the single most important course combination for students who aspire to become auditors, managers, actuaries, financial or fraud analysts, and consultants in the global information economy. Second in a three-part sequence that incorporates an analytical approach to the financial reporting process. Prerequisite: a minimum grade of 2.7 in T ACCT 501.
View course details in MyPlan: T ACCT 502

T ACCT 503 Intermediate Accounting III (5)
Extend the practical application of accounting standards and financial statements by exploring the principles that underlie financial statements in the areas of investments, revenue recognition, income taxes, pensions and postretirement benefits, leases, accounting changes and errors, cash flows, analytics, and full disclosure. Third in a three-part sequence that incorporates an analytical approach to the financial reporting process. Prerequisite: a minimum grade of 2.7 in T ACCT 502.
View course details in MyPlan: T ACCT 503

T ACCT 507 Auditing Standards and Principles (5)
Provides a risk-based introduction to the assurance profession. Topics include fundamental concepts, standards, and procedures used in planning, conducting, and reporting on audits. As well as current issues and challenges facing auditors and the profession as a whole. There will also be an emphasis on the importance of character and ethics, communication skills, flexibility, analytical and critical thinking, and technological competence. Prerequisite: a minimum grade of 2.7 in T ACCT 501.
View course details in MyPlan: T ACCT 507

T ACCT 508 Individual Income Taxation (5)
Covers US Federal income taxation for individuals, including compliance requirements and the role of taxation in personal decisions. Topics include: wage, business and investment income; personal and personal business deductions; and property transactions. Prerequisite: a minimum grade of 2.7 in T ACCT 501.
View course details in MyPlan: T ACCT 508

T ACCT 509 Business Finance (5)
Focuses on understanding the sources, uses, costs, and control of funds in business organizations. Key topics include managing cash flow, evaluating the time value of money, capital budgeting, evaluating stocks and bonds, and determining the financing mix. Explores the organizational, ethical, and economic consequences of financial decisions.
View course details in MyPlan: T ACCT 509

T ACCT 511 Cost Accounting (5)
Focuses on the development and use of cost data for external reporting and internal planning. Students examine cost accounting theory and procedures involving cost determination, analysis, and control through the application of such skills as allocations, budgeting, job order and process costing, quantification of various business processes.
View course details in MyPlan: T ACCT 511

T ACCT 513 Managerial Accounting for Decision Making and Control (4)
Introduces the concepts, theories, and practices managers use for decision making and cost control. Discusses the principles and methods of accounting used in reporting information to management that is needed within an organization and how this information can be used by managers to plan, control, and make decisions. Course equivalent to: B BUS 563. Prerequisite: T BUS 503.
View course details in MyPlan: T ACCT 513

T ACCT 520 International Accounting Seminar (4)
Enhances understanding of international accounting issues. Examines the impacts of accounting diversity on global capital flows, and explores the convergence of global accounting standards. Covers accounting for changing prices, goodwill and other intangibles, as well as social and environmental reporting, geographic segment disclosure practices, and financial reporting in emerging markets. Prerequisite: T BUS 503.
View course details in MyPlan: T ACCT 520

T ACCT 521 International Accounting (4)
Examines the causes and effects of global accounting diversity. Investigates issues related to the preparation and use of financial reports across borders. Investigates selected financial reporting and disclosure issues including social responsibility reporting. Emphasizes the nature and importance of emerging capital markets, and managerial accounting issues related to global business. Course overlaps with: B ACCT 522. Prerequisite: Masters in Accounting students only.
View course details in MyPlan: T ACCT 521

T ACCT 530 Accounting Information Systems (5)
Introduction to accounting information systems in organizations. Examine key accounting elements tied to underlying business processes and it examines issues of maintaining the integrity of accounting information systems. Integrate the accounting function with information technology and introduces the structure of database systems.
View course details in MyPlan: T ACCT 530

T ACCT 531 Financial Statement Analysis (4)
Provides analytical tools and research techniques necessary to understand and interpret financial statements. Prerequisite: T BUS 503.
View course details in MyPlan: T ACCT 531

T ACCT 532 Leadership and Professional Communication for Accountants (4)
Develops the communication and leadership skills necessary to lead in the accounting profession. Areas of emphasis include leading diverse teams, communicating with clients, and marketing accounting services. Course overlaps with: ACCTG 527. Prerequisite: Master of Science in Accounting students only. Credit/no-credit only.
View course details in MyPlan: T ACCT 532

T ACCT 533 Advanced Financial Statement Analysis (4)
Examines the analytical tools and research techniques necessary to understand and interpret financial statements for the purposes of making economic decisions from a user's perspective. Effectively use and

analyze financial statements for making valuation and business decisions. Focus on using Financial Statements from the perspective of the users rather than the preparer. Prerequisite: Master of Science Accounting students only.
View course details in MyPlan: T ACCT 533

T ACCT 538 Business Regulation, Research, and Communication (4)
Investigates key issues in the current regulatory business environment. Examines statutory and common law precedent of issues. Examines optimization of results to those key issues evaluated. Emphasizes the development of advanced communication skills pertaining to research regarding regulator issues. Prerequisite: Master of Science in Accounting students only.
View course details in MyPlan: T ACCT 538

T ACCT 541 Advanced Strategic Cost Management (4)
Learn the concepts, theories, and practices managers use for decision making and cost control. Discuss the principles and methods of accounting used in reporting information to management that is needed within an organization and how this information can be used by managers to plan, control, and make decisions. Prerequisite: Master of Science in Accounting students only.
View course details in MyPlan: T ACCT 541

T ACCT 542 Strategic Analysis Using Accounting Information (4)
Explores the intersection of financial statement analysis and management accounting to drive corporate strategy. Students will learn to synthesize accounting data to evaluate business models, forecast performance, and make high-stakes resource allocation decisions. The curriculum emphasizes quantitative rigor and the application of accounting frameworks to complex, real-world business scenarios
View course details in MyPlan: T ACCT 542

T ACCT 544 Advanced Topics in Financial Accounting (4)
Investigates advanced accounting issues related to business combinations, foreign currency transactions, financial derivatives, segment and interim reporting, intercompany transactions, SEC regulation and reporting requirements, and revenue recognition. Emphasizes the ability to examine related accounting principles, assess their impact on financial statements, and identify areas of potential misstatements. Prerequisite: Master of Science in Accounting students only.
View course details in MyPlan: T ACCT 544

T ACCT 545 Financial Accounting Theory (4)
Examines accounting theory, such as the role of accounting in valuation of securities, performance evaluation, and accounting standards setting. Investigates the scope and limitations of "generally accepted accounting principles," with special emphasis on the objectives of financial reporting. Prerequisite: Master of Science in Accounting students only.
View course details in MyPlan: T ACCT 545

T ACCT 550 Governmental and Not-for-Profit Accounting (4)
Investigates accounting issues for state and local governments, public and private colleges and universities, hospital and health care providers, and other not-for-profit organizations. Examines characteristics that distinguish governmental and not-for-profit entities from for-profit entities. Investigates fund structure and financial reporting issues for various kinds of not-for-profit institutions. Prerequisite: Masters in Accounting students only.
View course details in MyPlan: T ACCT 550

T ACCT 551 Advanced Forensic Accounting (4)
Expand your knowledge of forensic accounting techniques, theories, and apply critical and analytical thinking

techniques to utilize and enhance the use of commonly used software and technology in forensic accounting. Prerequisite: Master of Science in Accounting students only.
View course details in MyPlan: T ACCT 551

T ACCT 553 Tax Research and Analysis (4)
Examines issues in conducting tax research. Investigates aspects of the research process, including how to find, read, and evaluate primary and secondary sources of tax law. Emphasizes development of advanced communication skills relating to the expression of research findings in taxation. Prerequisite: Master of Science in Accounting students only.
View course details in MyPlan: T ACCT 553

T ACCT 554 Tax Planning and Strategy (4)
Develop an understanding of the key concepts that pervade specific provisions of the tax law and how the resulting income tax considerations interact with non-tax considerations in business decisions. Develop and apply a framework for analyzing how income taxes affect business decisions and company strategy. Learn the differences in application of federal tax law among reporting entities and to research and apply federal tax law. Prerequisite: Master of Science in Accounting students only.
View course details in MyPlan: T ACCT 554

T ACCT 556 Advanced Topics in Taxation (4)
Examines specialized taxation areas and their impact on business strategy and individual compliance, such as state and local tax frameworks, multi-jurisdictional payroll obligations, and implicit taxes in investment decisions. Additionally, students will formulate transfer pricing strategies and assess global compliance requirements to optimize tax positions in a complex international economy.
View course details in MyPlan: T ACCT 556

T ACCT 561 Advanced Topics in Auditing (4)
Examine key issues regarding generally accepted auditing standards, the role of the auditor, professional conduct and ethics, reporting responsibilities, risk assessment, internal control, evidential matter, management fraud, internal auditing, and other advanced topics in auditing. Apply computer assisted techniques, use generalized software and data analytics techniques in auditing and assurance. Prerequisite: Master of Science in Accounting students only.
View course details in MyPlan: T ACCT 561

T ACCT 565 Accounting Information Systems and Enterprise Technology Integration (4)
Learn how Accounting Information Systems, as part of Enterprise-wide Resource Planning (ERP) systems, automate the capture, processing and dissemination of accounting information. Use ERP software to demonstrate and apply integrated accounting information systems concepts. Develop the skills required to identify, capture and analyze data captured in ERP systems. Prerequisite: Master of Science in Accounting students only.
View course details in MyPlan: T ACCT 565

T ACCT 566 Analytics for Accounting (4)
Create and use information from accounting systems to help students think through the steps needed to provide data-driven insights and recommendations. Use data analytics in an accounting and business environment. Learn data analytic tools and techniques like extracting, transforming, and loading data; querying databases; visualizing data; and applying statistical concepts. Prerequisite: Master of Science in Accounting students only.
View course details in MyPlan: T ACCT 566

T ACCT 590 Special Topics in Accounting (1-5, max. 5)
Advanced special topic offerings designed to respond to faculty and student interests and needs.
View course details in MyPlan: T ACCT 590

T ACCT 600 Independent Study or Research (1-5, max. 5)
Provides an opportunity to work independently exploring specific accounting topics in greater depth. Credit/no-credit only.
View course details in MyPlan: T ACCT 600

T ACCT 601 Internship (1-5, max. 5)
Provides opportunites to gain experience and apply concepts taught in the Master of Science in Acounting, STEM designated program. Involves learning skills and applying advanced accounting knowledge through practical experience working cooperatively with professionals in the field, as well as communicating that experience with a formal culmination research paper. Prerequisite: Tacoma MSAcc students only. Credit/no-credit only.
View course details in MyPlan: T ACCT 601

GENERAL BUSINESS

T BGEN 111 Freshman Leadership Seminar (2)
Introduces student to the core competencies of communication, teamwork, and ethics. Emphasizes service learning and experiential application of concepts through leadership projects. Promotes cohort identity and socialization for incoming freshman in the Milgard School of Business Freshman Direct Program.
View course details in MyPlan: T BGEN 111

T BGEN 200 Introduction to Statistics in Business (5) NSc, RSN
Introduces the major principles and practices utilized in basic statistical analysis. Focuses on descriptive statistics, inferential statistics, probabilistic reasoning, correlation, regression, and hypothesis testing. Prerequisite: either TMATH 098 or minimum score of 35 on ACC-CL placement test.
View course details in MyPlan: T BGEN 200

T BGEN 210 Computer-Based Business Problem Solving (5)
Explores uses of Excel to analyze and solve business problems through manipulation and analysis of data. Reviews pivot tables, what-if analysis, solver, and Excel-based management analyses, such as optimization, data mining, customer analysis, data organization, and presentation.
View course details in MyPlan: T BGEN 210

T BGEN 212 Introduction to Corporate Responsibility (5) SSc
Introduces the tools used in the business world today to engage in socially responsible business practice. Provides a framework for integrating corporate responsibility practice into the overall strategy of an organization, and explores current trends in corporate responsibility.
View course details in MyPlan: T BGEN 212

T BGEN 218 Introduction to Business Law (5) SSc
Explores the impact of the changing legal environment on business decision making. Examines legal issues that organizations confront to establish appropriate strategies for effective functioning and developing compliance guidelines. Utilized specific tools to access legal resources for proactively recognizing, framing and analyzing business opportunities, and problems in the legal environment. Course equivalent to: MGMT 200 and BIS 283. Course overlaps with: B BUS 230.
View course details in MyPlan: T BGEN 218

T BGEN 250 Personal Finance (5) RSN
Provides an understanding for making informed personal financial decisions on consumption, savings, budgets, investments, insurance, retirement, wealth creation and estate planning. Effective personal financial management is essential to meet lifetime financial goals. Students will identify their personal financial goals, and make financial decisions that will help them achieve those goals. Course equivalent to: B BUS 110. Course overlaps with: TMATH 109 and FIN 205. Prerequisite: either TMATH 098, or a minimum score of 35 on ACC-CL placement test or a minimum score of 250 on the ACCQAS.
View course details in MyPlan: T BGEN 250

T BGEN 312 Communicating Corporate Responsibility (5) SSc
Provides the theory and skills to analyze and assess the corporate responsibility communication issues in a company, and create a strategic corporate communications plan based on that assessment. Develops the understanding of corporate responsibility stories and storytelling in a compelling way that engages and informs stakeholders.
View course details in MyPlan: T BGEN 312

T BGEN 322 Measuring Corporate Responsibility (5) SSc
Provides the framework and skills to analyze and assess the environmental, social, and governance metrics and measurements in a firm. Develops the skills to evaluate those metrics and create a meaningful corporate social responsibility (CSR) report for an organization.
View course details in MyPlan: T BGEN 322

T BGEN 360 Marketing Yourself in Business (2)
Examines current employment trends in business. The goal is to examine current issues in business employment and to encourage students to explore and match their own skills and interests to the potential needs of employers. Credit/no-credit only.
View course details in MyPlan: T BGEN 360

T BGEN 370 Essentials of Sports Enterprise Management (5)
Examines the profession of sports enterprise management and nature of sports oriented organizations. Focuses on the key managerial functions and organizational processes needed to plan, organize, lead and control contemporary organizations. Activities provide opportunities to improve communication, strategic planning, teamwork, social responsibility, ethical decision making, and professional capacities. Offered: A.
View course details in MyPlan: T BGEN 370

T BGEN 422 Corporate responsibility Capstone (3) SSc
Culminating experience for the corporate Responsibility Minor, and challenges students to think critically about the issues of corporate responsibility and put your skills to the test through experiential learning and teamwork.
View course details in MyPlan: T BGEN 422

T BGEN 460 Distinction of Excellence Seminar: Readings in Business (3)
Examines current writings in business and related fields. The course will examine important discussions, findings, and trends in business through intellectual exchange, classroom interactions and discussions. The specific topics addressed will be influenced by the interests of the specific students in the class. Prerequisite: T BGEN 360. Credit/no-credit only.
View course details in MyPlan: T BGEN 460

T BGEN 468 International Business Field Experience (4-10, max. 10) SSc
Immerses students in international business experiences that are part of a Study Abroad program. Content

varies and is individually evaluated.
View course details in MyPlan: T BGEN 468

T BGEN 485 Seminar in Sports Enterprise Management (5)
Explores in-depth experience in details of making business management decisions in the sports industry. Examines, through a comprehensive project, sports industry issues and resolutions of those issues on the basis of the student's investigation, research and then presentation. Recommended: strong research and writing skills; courses involving application of research and writing. Offered: W.
View course details in MyPlan: T BGEN 485

T BGEN 490 Special Topics (1-5, max. 15)
View course details in MyPlan: T BGEN 490

T BGEN 492 Special Topics in Sports Enterprise Management (1-5, max. 5)
Current topics in sports enterprise management. Recommended: completion of a writing intensive course.
View course details in MyPlan: T BGEN 492

BUSINESS ADMINISTRATION

T BUS 101 Introduction to Business (5) SSc
View course details in MyPlan: T BUS 101

T BUS 102 Business and Society (5) SSc
Facilitates a better understanding of the complex relationship between private enterprise and society at large; how business influences society and is influenced by society. Focuses on the obligations business has to its nonmarket stakeholders.
View course details in MyPlan: T BUS 102

T BUS 300 Managing People (5) SSc
Focuses on how managers can effectively work with and through other people. Examines evidence-based principles of managing people, emphasizing topics such as decision-making, team building, motivation, self-management, and performance. Provides opportunities to apply research and develop competencies related to critical thinking, communication, teamwork, and ethical decision-making. Prerequisite: either T CORE 101, TWRT 112, TWRT 121, TWRT 211, TWRT 291, TWRT 331, TWRT 388, ENGL 111, ENGL 121, ENGL 131, ENGL 141, ENGL 182, ENGL 197, ENGL 198, ENGL 199, B WRIT 134, or B WRIT 135.
View course details in MyPlan: T BUS 300

T BUS 301 Quantitative Analysis for Business (5) NSc, RSN
Provides statistical tools to analyze business problems and enhance decision-making. Utilizes an applied approach to organize, explore, and analyze data, design experiments, and surveys, understand estimations and significance tests, and use quantitative methods. Prerequisite: either STAT 290, or a minimum grade of 2.0 in either TMATH 110, T BGEN 200, T URB 225, TSOCWF 351, QMETH 201, STAT 220, or STAT 311.
View course details in MyPlan: T BUS 301

T BUS 310 Effective Managerial Communications (5) A&H/SSc
Focuses on oral and written communication skills in an organizational environment. Provides opportunities to communicate clearly and concisely in writing, make persuasive presentations, negotiate effectively, listen to the ideas and opinions of others, provide and receive constructive feedback, explore new communication technologies, and understand the impact that globalization has on organizational communication. Prerequisite: either T CORE 101, TWRT 112, TWRT 121, TWRT 211, TWRT 291, TWRT 331, TWRT 431, ENGL 111, ENGL 121,

ENGL 131, ENGL 141, ENGL 182, ENGL 197, ENGL 198, ENGL 199, B WRIT 134, or B WRIT 135
View course details in MyPlan: T BUS 310

T BUS 320 Introduction to Marketing Management (5) SSc
Introduces the major principles and practices that are used by marketing managers in analyzing marketing problems and developing appropriate solutions. Examines how marketing operates within the global, social, and economic environment. Prerequisite: either T CORE 101, TWRT 112, TWRT 121, TWRT 211, TWRT 291, TWRT 331, TWRT 431,ENGL 111, ENGL 121, ENGL 131, ENGL 141, ENGL 182, ENGL 197, ENGL 198, ENGL 199, B WRIT 134, or B WRIT 135.
View course details in MyPlan: T BUS 320

T BUS 330 Introduction to Information Technology (5)
Introduces techniques that managers use to locate, organize, distribute, and use information for decision making and strategic advantage. Addresses tools for managing information, including computer hardware, software, telecommunication networks, and various information system components. Includes a computer laboratory component in which students address organizational and managerial information requirements. Prerequisite: either T CORE 101, TWRT 112, TWRT 121, TWRT 211, TWRT 291, TWRT 331, TWRT 431, ENGL 111, ENGL 121, ENGL 131, ENGL 141, ENGL 182, ENGL 197, ENGL 198, ENGL 199, B WRIT 134, or B WRIT 135.
View course details in MyPlan: T BUS 330

T BUS 350 Business Finance (5)
Focuses on understanding the sources, uses, costs, and control of funds in business organizations. Key topics include managing cash flow, evaluating the time value of money, capital budgeting, evaluating stocks and bonds, and determining the financing mix. Explores the organizational, ethical, and economic consequences of financial decisions. Course equivalent to: B BUS 350. Course overlaps with: TMATH 316; FIN 350; and STMATH 330. Prerequisite: minimum grade of 1.7 in T BUS 301, or minimum grade of 2.0 in either TMATH 124, MATH 112, or MATH 124
View course details in MyPlan: T BUS 350

T BUS 400 Business Policy and Strategic Management (5)
Examines policy making and the role of strategy in the general management of a business organization. Students will learn strategy formulation, implementation, and application in complex situations. Prerequisite: Minimum grade of 1.7 in T BUS 300; T BUS 301; T BUS 310; T BUS 320; and T BUS 350. T BUS 330, or T ACCT 330 may be taken concurrently with T BUS 400.
View course details in MyPlan: T BUS 400

T BUS 468 Internship (3-10, max. 10)
Provides opportunity to gain experience in a business organization to apply and experience concepts taught in the traditional classroom. Develops links between the community and the classroom. Prerequisite: Any three of T BUS 300, T BUS 301, T BUS 310, T BUS 320, T BUS 330, T BUS 350, or T ACCT 330. Credit/no-credit only.
View course details in MyPlan: T BUS 468

T BUS 469 Undergraduate Research (1-5, max. 15)
Provides opportunity to explore a specific management or marketing topic, idea, project, or research interest that extends previous knowledge and broadens experience. Proposals and course criteria are developed in cooperation with specific faculty members prior to course registration.
View course details in MyPlan: T BUS 469

T BUS 490 Special Topics (1-5, max. 15)
View course details in MyPlan: T BUS 490

T BUS 500 Data Analysis for Managers (4)
Examines practical data analysis principles for informed business decision making. Topics include statistical inference, hypothesis testing, and regression analysis, with an emphasis on economic applications, predictive modeling, and data driven insights.
View course details in MyPlan: T BUS 500

T BUS 501 Managerial Finance (4)
Develops the theory and application of financial tools including the time value of money and risk and return into valuation principles so as to integrate business knowledge into managerial action that enhances the market value of the firm. Prerequisite: T BUS 500 and T BUS 510; recommended: coursework in mathematics; quantitative methods; accounting; and economics.
View course details in MyPlan: T BUS 501

T BUS 503 Financial Reporting and Analysis (4)
Focuses on the process by which firms report economic information to users outside the firm (e.g., current and potential shareholders, creditors, regulatory agencies). Introduces the concepts of financial accounting including preparation and analysis of financial statements. Prerequisite: T BUS 500 and T BUS 510.
View course details in MyPlan: T BUS 503

T BUS 504 Strategic Marketing Management (4)
Explores the processes by which organizations create value for customers. Focuses on marketing decision making, including situation analysis, targeting and positioning strategies, product/brand management, pricing strategies, distribution channels, and integrated marketing communications.
View course details in MyPlan: T BUS 504

T BUS 506 Strategy, Value, and Sustainability (4)
Provides multiple perspectives to implementing, analyzing, and formulating strategy. Examines how to create value for society and to maintain sustainability for the organization via strategic choices. Considers how to generate a competitive advantage via strategic development and implementation.
View course details in MyPlan: T BUS 506

T BUS 507 Leading People, Teams, and Culture (4)
Explores individual and team dynamics in organizations with the goal to build healthy, sustainable, and inclusive workplaces. Focuses on evidence-informed principles of managing people, emphasizing topics such as organizational culture, motivation, influence, decision-making, and team building. Provides opportunities for mindful reflection and application of knowledge to foster problem-solving, critical thinking, and leadership skills. Recommended: T BUS 510 or T MGMT 516.
View course details in MyPlan: T BUS 507

T BUS 508 Systems Thinking (4)
Introduces Systems Thinking as a way to manage a business in an interconnected world of growing complexity. Examines how to see problems holistically and to implement solutions that integrate interpersonal, ethical, environmental, technological, economic, and market factors. Synthesizes knowledge accumulated from across all MBA coursework to better understand the complexity and consequences of managerial decisions.
View course details in MyPlan: T BUS 508

T BUS 510 Quantitative Lab (3)
Provides a foundation in the quantitative skills necessary for success in the MBA program. Students will refresh their math and statistical knowledge, gain an understanding of regression analysis, and learn the basics of economics and accounting. Credit/no-credit only.
View course details in MyPlan: T BUS 510

T BUS 511 Leadership Lab (1)
Explores the skills required to lead creatively, collaboratively, strategically, and inclusively. Considers the importance of self-reflection, compassion, and evidence in developing one's own leadership style. Examines how to both lead and work meaningfully with others using a variety of experiential exercises. Credit/no-credit only.
View course details in MyPlan: T BUS 511

T BUS 512 Introduction to Health Policy (4)
Examines selected topics from literature to identify the structure of healthcare systems; need and access to care; availability and organization of health resources; and quality assessment and improvement. Identifies contemporary policy issues as case studies; and examines the strengths and weaknesses of healthcare system. Offered: S.
View course details in MyPlan: T BUS 512

T BUS 520 Microeconomics for Managers (4)
Examines ways to apply tools of intermediate microeconomic theory to issues of interest to managers. Topics include market processes, consumer theory, firm behavior in competitive and imperfectly competitive markets, product pricing, and strategic behavior.
View course details in MyPlan: T BUS 520

T BUS 530 Operations Management (4)
Examines essential topics in operations management, including operations strategy and planning; process and service design; supply chain and inventory management; quality management and statistical quality control; and forecasting and scheduling. Emphasizes concepts and skills essential for operations management in manufacturing and service firms from a strategic, operational, and analytic perspective.
View course details in MyPlan: T BUS 530

T BUS 569 Analytical Research (2-4, max. 4)
Provides an opportunity to work independently exploring specific business topics in greater depth. The students must develop a research proposal and make arrangements with a faculty member to supervise the project prior to course registration. Prerequisite: Tacoma MBA student and permission of instructor.
View course details in MyPlan: T BUS 569

T BUS 570 Driving Change and Innovation (4)
Provides a multiple perspectives approach to implementing change. Examines how to manage change and innovation via research on change, influence, and creativity, as well as experiential exercises. Considers how and why change occurs, individual perceptions of change, sources of resistance to change, and how to generate innovative changes that are both novel and useful.
View course details in MyPlan: T BUS 570

T BUS 590 Special Topics in Business (1-4, max. 12)
Advanced offerings designed to respond to faculty and student interests and needs.
View course details in MyPlan: T BUS 590

BUSINESS ANALYTICS

TBANLT 411 Data Management (5)
Focuses on the skills and knowledge necessary to acquire, model, store, transform, manage and represent data, and how to convert that data to information for desired outcomes in context of small and big data. Course overlaps with: T INST 311 and CSS 475. Recommended: proficiency in Excel/spreadsheets.
View course details in MyPlan: TBANLT 411

TBANLT 433 Programming for Data Analytics (5)
Provides an introduction to R programming and Python for addressing business analytics problems. Fundamentals of R and Python, data structures and their operators are covered. Use of packages and libraries for analytics, visualization, and data structure manipulation is emphasized. Business and predictive analytics topics will be introduced with programming solutions. Recommended: proficiency in Excel/spreadsheets.
View course details in MyPlan: TBANLT 433

TBANLT 450 Decision Modeling (5)
Introduces the development, implementation, and utilization of business models for managerial decision making. It covers formulation of models and interpretation of the information a model produces. Some of the deterministic optimization techniques (e.g. linear/nonlinear models) and probabilistic decision-making techniques (e.g. network models and decision trees) are covered. Course overlaps with: QMETH 450. Prerequisite: either TMATH 110, T BGEN 200, QMETH 201, STAT 220, STAT 221/CS&SS 221/SOC 221, or STAT 311.
View course details in MyPlan: TBANLT 450

TBANLT 460 Predictive Analytics (5)
Covers popular methods in predictive analytics including association rules, classification, regression trees, logistic regression and introduces cutting edge interactive data-visualization tools and data reduction techniques. Prerequisite: either TMATH 110, TMATH 390, T BGEN 200, QMETH 201, STAT 220, STAT 221/CS&SS 221/SOC 221, STAT 311, or T BUS 301.
View course details in MyPlan: TBANLT 460

TBANLT 480 Social Media Management and Analytics (5)
Focuses on the primary concepts, methods, tools and solutions to develop a social media strategy, and to collect, process and transform social media data into information processes, knowledge, actionable decisions and processes. Covers how organizations make use of social media as a strategy to gain a competitive advantage. Course overlaps with: MKTG 466. Recommended: proficiency in Excel/spreadsheets.
View course details in MyPlan: TBANLT 480

TBANLT 485 Business Intelligence (5)
Focuses on foundations of data and analytics. Explains concepts by examining innovative uses of information systems, data, and analytics to support managerial decision-making. Explores how to collect, store, manage, and convert data into information, knowledge, and actionable insights. Course overlaps with: I S 451. Recommended: proficiency in Excel/spreadsheets; and either TBANLT 411, or familiarity with data and database management concepts.
View course details in MyPlan: TBANLT 485

TBANLT 490 Special Topics in Business Data Analytics (1-5, max. 5)
Study and research on topics of current concern to faculty and students in the area of business data analytics. Only offered when allowed by faculty availability and sufficient student interest. Seminar content to be announced in advance of scheduled offerings.
View course details in MyPlan: TBANLT 490

TBANLT 510 Business Analytics (4)
Focuses on foundations of data and analytics-driven decision making. Explains the concepts with innovative uses of information systems, data, information, knowledge and analytics to support managerial decision-making. Explores how to collect, store, manage and convert data to information, knowledge and actionable insights.
View course details in MyPlan: TBANLT 510

TBANLT 520 Analytics Strategy and Big Data Management (4)
Focuses on how organizations need to make analytics part of their organizational strategy, and how they can implement analytics projects successfully by following sound project management principles. It focuses on strategy definition, initiating, planning, executing, controlling and completing analytics projects in a variety of environments for sustainable competitive advantage.
View course details in MyPlan: TBANLT 520

TBANLT 530 Business Process and Workflow Analysis (4)
Focuses on how organizations can evaluate, design and implement sound business process management practices, and integrate analytics into their business processes and workflows for maximum performance.
View course details in MyPlan: TBANLT 530

TBANLT 540 Applied Regression Models (4)
Focuses on statistical foundations of decision making processes. Topics may include multiple linear regression, models for quantitative and qualitative predictors, building regression models, autocorrelation, non-linear regression, piecewise linear regression, inverse prediction, weighted least squares, ridge regression, robust regression and non-parametric regression.
View course details in MyPlan: TBANLT 540

TBANLT 541 Advanced Modeling for Data Analytics (4)
Introduces a theoretical and practical understanding of advanced data analytics techniques including but not limited to: applications of support vector machines, applications of supervised and unsupervised learning methods, and applications of Bayesian and ensemble methods. Provides hands-on experiences in applying these techniques to real-world business problems. Offered: Sp.
View course details in MyPlan: TBANLT 541

TBANLT 550 Analytical Decision Making (4)
Focuses on the skills and knowledge necessary for mastery of the use of quantitative modeling tools and techniques to support decision analysis. Some of the deterministic optimization techniques (e.g. linear, nonlinear, integer optimization, network models) and uncertain decision making techniques (e.g. decision trees, transportation models, queuing theory) are covered.
View course details in MyPlan: TBANLT 550

TBANLT 560 Data Mining (4)
Focuses on some of the primary data mining topics (descriptive, predictive and prescriptive) through advance analysis of datasets. Students will become acquainted with both the strengths and limitations of various data mining techniques like Classification, Association analysis and Cluster analysis. Course overlaps with: MSIS 510 and MSIS 522.
View course details in MyPlan: TBANLT 560

TBANLT 570 Text Mining (4)
Focuses on some of the primary mining techniques for analyzing text data. These will be used to discover interesting patterns, extract useful knowledge, and support decision making. Topics like natural language processing, document representation, text categorization, text clustering and topic modeling will be covered. Course overlaps with: MSIS 541.
View course details in MyPlan: TBANLT 570

TBANLT 580 Social Media Analytics (4)
Focuses on some of the primary concepts, methods, tools and solutions to develop a social media strategy, and to collect, process and transform social media data into information processes, knowledge, actionable decisions and processes. It also covers how organizations make use of social media as a strategy to gain a competitive

advantage.
View course details in MyPlan: TBANLT 580

TBANLT 585 Cognitive Analytics (4)
Focuses on foundations of cognitive analytics. Evaluate the concepts with innovative uses of cognitive solutions to either solve existing business problems or create new business opportunities, and improve the performance of organizations. Analyze how to utilize cognitive tools, assistants, collaborators and coaches effectively.
View course details in MyPlan: TBANLT 585

TBANLT 590 Special Topics in Business Analytics (2-4, max. 4)
Advanced course offerings designed to respond to faculty and student interests and needs. Topic will vary. Only offered when allowed by faculty availability and sufficient student interest. Content to be announced in advance of scheduled offerings.
View course details in MyPlan: TBANLT 590

TBANLT 591 Applied Project: Digital Transformation Lab I (2)
Focuses on how to apply the concepts, methods and solutions associated with data, analytics, smart machines and digital solutions to real opportunities in an application domain. Topics will include, but are not limited to: analysis of organization and market demand, business model development, opportunity analysis for digital transformation.
View course details in MyPlan: TBANLT 591

TBANLT 592 Applied Project: Digital Transformation Lab II (2)
Focuses on processes performed to analyze and plan digital transformation and innovation to a wide variety of opportunities and challenges. Topics will include, but are not limited to: requirements gartering, defining scope, risk analysis, detailed transformation and technology planning.
View course details in MyPlan: TBANLT 592

TBANLT 593 Applied Project: Digital Transformation Lab III (2)
Focuses on processes performed to design and develop data and digital solutions to a wide variety of opportunities and challenges. Topics will include, but are not limited to: collection, storage, analysis of data and development of digital solutions.
View course details in MyPlan: TBANLT 593

TBANLT 594 Applied Project: Digital Transformation Lab IV (2)
Focuses on processes performed to prototype data and digital solutions to a wide variety of opportunities and challenges. Topics will include, but are not limited to: develop, prototype and lessons learned, analyze findings, recognize ethical dilemmas and social responsibilities.
View course details in MyPlan: TBANLT 594

TBANLT 600 Independent Study or Research (2-4, max. 4)
Provides an opportunity to work independently exploring specific data and business analytics topics in greater depth. The student must develop a research proposal and make arrangements with a faculty member to supervise the project prior to course registration. permission of faculty is required.
View course details in MyPlan: TBANLT 600

TBANLT 601 Internship (2-4, max. 4)
Provides students with practical knowledge and experience in a private or public work environment. Gives students opportunities to develop a strategic plan under faculty guidance, and to perform field work utilizing the skills developed in the classroom. Permission of faculty is required.
View course details in MyPlan: TBANLT 601

BUSINESS ECONOMICS

TBECON 220 Introduction to Microeconomic Theory (5) SSc, RSN
Introduces microeconomic theory applied to individual decision-making, analysis of markets, and the role of prices. Specific topics include consumer demand, production, exchange, resource allocation, and government intervention. Course equivalent to: TECON 200; ECON 200; and B BUS 220/BIS 200.
View course details in MyPlan: TBECON 220

TBECON 221 Introduction to Macroeconomic Theory (5) SSc, RSN
Involves the study and analysis of the aggregate economy. Topics include the determination of national income, inflation, business fluctuations, unemployment, monetary systems, the federal budget, and international trade. Course equivalent to: TECON 201; ECON 201; and B BUS 221/BIS 201.
View course details in MyPlan: TBECON 221

TBECON 420 Intermediate Microeconomic Theory (5) RSN
Applies tools of intermediate microeconomic theory to issues of particular interest to business students. Topics include market processes, consumer theory, firm behavior in competitive and imperfectly competitive markets, product pricing, and strategic behavior. Course equivalent to: B BECN 302. Prerequisite: either a minimum grade of 1.7 in T BUS 301, or a minimum grade of 2.0 in either TMATH 122, TMATH 124, MATH 112, or MATH 124; and a minimum grade of 2.0 in either TBECON 220, TECON 200, or ECON 200.
View course details in MyPlan: TBECON 420

TBECON 421 Intermediate Macroeconomic Theory (5)
Focuses on the use of intermediate economic theory to understand how financial markets are affected by macroeconomic variables. Specific emphasis is placed on international markets and how to assess the impact of difference macroeconomic policies. Prerequisite: either a minimum grade of 1.7 in T BUS 301, or a minimum grade of 2.0 in either TMATH 122, TMATH 124, MATH 112, or MATH 124; and a minimum grade of 2.0 in either TBECON 220, TECON 200, or ECON 200.
View course details in MyPlan: TBECON 421

TBECON 422 Econometrics (5)
Examines the statistical tools that are used to study financial and economic data, including multiple regression, regression diagnostics, time series models, stationarity, and cointegration. Applies these tools using modern statistical software. Prerequisite: either a minimum grade of 1.7 in T BUS 301, or a minimum grade of 2.0 in MATH 112, TMATH 122, TMATH 124, or MATH 124; and a minimum grade of 2.0 in TBECON 221, TECON 201, or ECON 201.
View course details in MyPlan: TBECON 422

TBECON 423 Financial Markets and Institutions (5)
Examines the economic role of modern financial institutions and their relationship to the money and capital markets of developed economies. Includes the financial system, the Federal Reserve System, monetary policy, international financial relationships, and interest rate theory. Prerequisite: a minimum grade of 2.0 in T BUS 350.
View course details in MyPlan: TBECON 423

FINANCE

T FIN 420 Visual Basic Programming of Excel-based Financial Models (5)
Develops Visual Basic financial model applications in the Excel spreadsheet. Includes a review of Excel, Visual Basic fundamentals, Excel financial functionalities, and extending Excel with Visual Basic. Applicable for students with a financial or information systems background. Prerequisite: minimum 2.0 in T BUS 350; either T

BUS 330 or T ACCT 330.
View course details in MyPlan: T FIN 420

T FIN 422 Investment Valuation (5)
Examines the valuation of financial assets including stocks, bonds, and businesses. Focuses on discounted cash flow, risk, market efficiency, dividend discount, and relative valuation models. Prerequisite: a minimum 2.0 grade in T BUS 350.
View course details in MyPlan: T FIN 422

T FIN 425 Finance and Investment (5)
Introduces all facets of finance and investment, including personal financial planning, budgeting, and investment. Emphasizes developing strategies and managing finance and investments in an efficient, profitable manner to accomplish financial goals. Prerequisite: a minimum 2.0 grade in T BUS 350.
View course details in MyPlan: T FIN 425

T FIN 426 Portfolio Management (5)
Focuses on in-depth analysis of investing, portfolio analysis, and financial markets. Students analyze and restructure balance sheets, create and manage a stock portfolio, investigate domestic and international financial markets, explore the local income property real estate market, and spend time in a local brokerage house. Prerequisite: minimum 2.0 grade in T BUS 350.
View course details in MyPlan: T FIN 426

T FIN 427 Derivatives (5)
Examines the characteristics and valuation of derivative instruments including forward and futures contracts, options and swaps. Focuses on the role of these instruments in risk management and portfolio management. Course overlaps with: B BECN 460. Prerequisite: a minimum 2.0 grade in T BUS 350.
View course details in MyPlan: T FIN 427

T FIN 430 Intermediate Business Finance (5)
Focuses on the financial management of business organizations. Topics include capital structure determination, dividend policy, working capital management, and corporate risk management. Prerequisite: minimum grade of 2.0 in T BUS 350.
View course details in MyPlan: T FIN 430

T FIN 431 Financial Statement Analysis (5)
Enhances the understanding of accounting principles and techniques used to prepare financial statements. Examines the methods analysts can employ to increase the relevance of financial information. Demonstrates the use of financial statement data for analyzing firms. For non-accounting students only. Prerequisite: minimum grade of 2.0 in T BUS 350.
View course details in MyPlan: T FIN 431

T FIN 440 International Finance (5)
Examines foreign exchange markets, international capital markets, and international goods markets from a business standpoint. Covers the models and theory describing these types of markets and how they function relative to the global business environment. Course overlaps with: B ECON 427 and ELCBUS 463. Prerequisite: T BUS 350.
View course details in MyPlan: T FIN 440

T FIN 457 Entrepreneurial Finance (5)
Examines important financial issues faced by entrepreneurs including cash flow forecasts, valuing startup business, obtaining startup capital, funding the fast growth of a venture, and exiting the venture investment.

Course equivalent to: B BUS 456. Course overlaps with: FIN 457/ENTRE 457. Prerequisite: a minimum grade of 2.0 T BUS 350.
View course details in MyPlan: T FIN 457

T FIN 490 Special Topics in Finance (1-5, max. 10)
Study and research on topics of current concern to faculty and students. Only offered when allowed by faculty availability and sufficient student interest. Seminar content to be announced in advance of scheduled offerings. Cannot be taken if credit received for FIN 490 or B BUS 459. Prerequisite: minimum grade of 2.0 in T BUS 350.
View course details in MyPlan: T FIN 490

T FIN 526 Portfolio Management (4)
Provides an understanding of investor decision making under uncertainty, and how portfolios may be used to reduce risk. Explores the portfolio management process including construction, revision, and protection of both fixed income and equity portfolios. Covers performance evaluation and risk management. Prerequisite: T BUS 501.
View course details in MyPlan: T FIN 526

T FIN 530 Corporate Finance (4)
Examines important issues faced by corporate managers, including long-term financing, management of short-term assets, short-term financing, and corporate risk management.
View course details in MyPlan: T FIN 530

MANAGEMENT

T MGMT 314 Interpersonal Skills (5) SSc/A&H
Emphasizes interpersonal dynamics in the workplace and improving interpersonal skills. Topics include major dimensions of interpersonal communication, interpersonal decision making and strategic analysis of interpersonal dynamics in organizations. Covers making better choices in interpersonal communication, developing positive working relationships in organizations, and improving quality of workplace outcomes.
View course details in MyPlan: T MGMT 314

T MGMT 418 Legal Issues for Business (3-5, max. 10) SSc
Explores the impact of the changing legal environment on managerial decision making and issues that business managers confront to establish appropriate managerial strategies to function effectively and develop compliance guidelines. Utilizes specific tools to access legal resources for proactively recognizing, framing, and analyzing opportunities and problems and developing situations. Prerequisite: either T CORE 101, TWRT 112, or ENGL 131.
View course details in MyPlan: T MGMT 418

T MGMT 420 Managing Corporate Responsibility (5)
Focuses on strategic and dynamic issues that are key to building high-performing organizations with a sense of ethics, civic engagement and social responsibility. Provides a theoretical and practical understanding of what role organizations should play in society.
View course details in MyPlan: T MGMT 420

T MGMT 430 Human Resources Management (5)
Focuses on managing human resources in organizations. Covers how to attract, develop and support an effective workforce. Explores topics such as planning, forecasting, job analysis, training, performance appraisal, wage and salary administration, compensation, legal requirements, and disciplinary functions. Prerequisite: a minimum grade of 1.7 in T BUS 300.
View course details in MyPlan: T MGMT 430

T MGMT 432 Introduction to People Analytics (5) SSc
Explores how data can be used to improve how organizations hire, manage, and develop their employees. Students learn the value of evidence-based decision-making in the workplace and gain experience working with real-world people data. Covers foundational concepts in social science, basic data analysis, and common people-related challenges related to human resource management. Recommended: a minimum grade of 3.0 in T BUS 301; and a minimum grade of 3.0 in T BGEN 200.
View course details in MyPlan: T MGMT 432

T MGMT 433 Building a Diversity, Equity and Inclusion Mindset in the Workplace (5) SSc, DIV
Focuses on cultivating awareness of others' perspectives based upon the intersection of diverse social identities, including race, color, sex, gender identity, abilities, age, social class and ethnicity. Students will examine how issues of privilege and bias influence opportunity and effectiveness in organizations and develop essential skills for navigating diverse settings and fostering inclusion.
View course details in MyPlan: T MGMT 433

T MGMT 452 The Dynamics of Leadership (5) SSc
Examines leadership as a process by focusing on a repertoire of practical and theoretical leadership principles. Examines leaders and their complex roles in managing organizational issues. Provides opportunity to learn and apply leadership skills.
View course details in MyPlan: T MGMT 452

T MGMT 455 Managing Work Teams (5) SSc
Provides the conceptual and practical training needed to design effective teams, analyze team dynamics and engage in actions that enhance team performance.
View course details in MyPlan: T MGMT 455

T MGMT 457 Negotiation and Conflict Management (5) SSc
The art and science of reaching agreements in competitive and collaborative situations. Emphasizes skill development in negotiation planning, distributive and integrative bargaining, dispute resolution and negotiation strategy.
View course details in MyPlan: T MGMT 457

T MGMT 465 Board Governance I (2) SSc
Introduces nonprofit board membership and governance. Students serve as apprentices with nonprofit organizations and act as nonvoting board members. Provides experiences in gathering and assessing information and materials related to nonprofit governance practices. Prerequisite: either T CORE 101, TWRT 112, or ENGL 131. Offered: W.
View course details in MyPlan: T MGMT 465

T MGMT 466 Board Governance II (5) SSc
Examines theories of nonprofit governance related to planning, organization design, leadership, financial management, and culture that are applicable to both nonprofits and businesses. Students apply this knowledge to their continuing apprenticeship experience. Builds skills in teamwork, communication, meeting management, assessment, analysis, and providing feedback. Prerequisite: T MGMT 465. Offered: Sp.
View course details in MyPlan: T MGMT 466

T MGMT 474 Entrepreneurship: Idea Development (5)
Explores techniques used to develop business opportunities. Examines the heart of entrepreneurship: the idea. Focuses on idea development, emphasizing the strategic feasibility of the business idea. Builds critical thinking skills and encourages professional communication skills via student projects and class activities. Prerequisite:

minimum grade of 1.7 in T BUS 300; minimum grade of 1.7 in T BUS 320.
View course details in MyPlan: T MGMT 474

T MGMT 475 Organizational Change (5)
Explores the dynamics of change as a process in organizations. Examines how individuals experience and respond to change as well as how leaders initiate, implement, and manage change.
View course details in MyPlan: T MGMT 475

T MGMT 478 International Business (5)
Introduces the main issues concerning international economic relations. Covers topics in the political, economic, and cultural analysis of the global environment and examines the managerial responses appropriate for international business. Prerequisite: T BUS 300; T BUS 320.
View course details in MyPlan: T MGMT 478

T MGMT 480 International Management (5)
Introduces the main issues concerning international management. Covers topics related to how managers pursue the global objectives of their organizations, including international strategy, modes of market entry, organization, staffing, and other cross-cultural management issues. Prerequisite: T BUS 300.
View course details in MyPlan: T MGMT 480

T MGMT 490 Special Topics in Management (5, max. 15)
View course details in MyPlan: T MGMT 490

T MGMT 512 Stakeholder Inclusion, Ethics, and Social Responsibility (4)
Focuses on the ethical and moral challenges that are an everyday part of managerial decision-making. Addresses how global variance in the standards firms adopt significantly influence firms' financial and social performance. Establishes the centrality of stakeholder inclusion, ethics, and social responsibility in standard business practice.
View course details in MyPlan: T MGMT 512

T MGMT 516 Management Communication (4)
Explores the functions, elements, and types of communication that are important in business and organizational settings. Promotes understanding of important communication dynamics and enhances the ability to communicate strategically and professionally in organizations.
View course details in MyPlan: T MGMT 516

T MGMT 518 Business Law (4)
Examines legal issues in a business context. Considers law as a strategic tool to help achieve core business objectives, create value, and manage risk. Addresses legal aspects of business management, agreements and relationships including: contract, torts, product liability, employment, intellectual property, agency and business organizations.
View course details in MyPlan: T MGMT 518

T MGMT 557 Negotiations (4)
Focuses on negotiation as an essential tool for managers to make deals and resolve disputes. Key topics include negotiation planning and strategy, distributive and integrative bargaining, and communication and power. Emphasis is placed on research-based knowledge and skill acquisition through participation in role-plays.
View course details in MyPlan: T MGMT 557

T MGMT 574 New Business Ventures (4)
Examines the legal, financial, strategic, and managerial challenges of creating and operating new businesses.

Topics include building an entrepreneurial firm, developing start-up strategy, creating business plans, obtaining venture financing, and managing a growing company.
View course details in MyPlan: T MGMT 574

T MGMT 580 Becoming a Leader, Part I (2)
Focuses on defining leadership in a student's own terms and refreshing the student's career path based on what each student finds uniquely purposeful, meaningful, and motivating. Students will identify their strengths, core values, and what matters to them most in living an integrated life that reflects their professional, personal, family, and community priorities. Credit/no-credit only.
View course details in MyPlan: T MGMT 580

T MGMT 581 Becoming a Leader, Part II (2)
Develops student-centered skills to navigate individual careers. Students build on the work completed in T MGMT 580 with the support of an executive coach. Prerequisite: T MGMT 580. Credit/no-credit only.
View course details in MyPlan: T MGMT 581

MARKETING

T MKTG 355 Professional Sales (5)
Examines the modern way to sell via a relationship process, emphasizing skills for success as a field sales representative. Analyzes the steps in the selling process in detail. Encourages competencies in flexibility, strategic thinking, and communication. Prerequisite: T BUS 300; T BUS 320.
View course details in MyPlan: T MKTG 355

T MKTG 425 Advertising (5)
Explores the creative processes used in the field of advertising. Topics include advertising copywriting, art direction, production and media selection. Provides exposure to advertising theory with a focus on practical application in the industry. Emphasizes problem-solving, communication, strategic thinking and teamwork skills. Prerequisite: a minimum grade of 1.7 in T BUS 320.
View course details in MyPlan: T MKTG 425

T MKTG 430 Retailing (5) A&H, RSN
Examines how retailers run the business. Investigates retail store location, merchandise management, store layout, buying, stock control, customer service and relationship management, pricing, coordination of store activities, policies and systems, and promotion programs. Emphasizes strategic and operational complexities of retailing.
View course details in MyPlan: T MKTG 430

T MKTG 440 Business Marketing (5)
Examines process by which businesses are served by other businesses. Includes analyzing existing business relationships to identify problems and opportunities, developing and modifying products, establishing and managing relationships, setting prices, and undertaking promotional efforts, especially personal selling. Presents a strategic focus from a managerial perspective. Communication, strategic thinking, problem-solving and flexibility skills. Prerequisite: T BUS 320.
View course details in MyPlan: T MKTG 440

T MKTG 445 Service Marketing (5)
Examines new marketing tools and ideas specifically applicable within the service industry where organizations require a distinctive approach to the development and execution of marketing strategies. Emphasizes strategic thinking, problem solving, and communication skills. Prerequisite: T BUS 320.
View course details in MyPlan: T MKTG 445

T MKTG 448 Sales Management (5)
Examines the modern way to sell from the Manager's perspective. Managing will be looked at from the perspective of managing down (sales staff), managing horizontally (peer management) and managing up (supervisor and above). Explores the relative importance of sales in various types of business. Course overlaps with: MKTG 430. Prerequisite: a minimum grade of 1.7 in T BUS 300; and a minimum grade of 1.7 in T BUS 320.
View course details in MyPlan: T MKTG 448

T MKTG 450 Consumer Marketing (5) SSc
Examines social science and consumer behavior research for concepts and principles that marketers can use to better understand customers and meet their needs. Applies insights gained from the disciplines of sociology, anthropology and psychology to real-world marketing situations. Emphasizes problem-solving, communication and strategic thinking skills. Prerequisite: a minimum grade of 1.7 in T BUS 320.
View course details in MyPlan: T MKTG 450

T MKTG 460 Research Methods (5)
Explains the research process including problem definition, research design, questionnaire construction, sample selection, interviewing and data analysis. Involves field application of course knowledge along with written and oral reports. Emphasizes problem solving, flexibility and communication skills. Prerequisite: T BUS 320.
View course details in MyPlan: T MKTG 460

T MKTG 465 Digital Marketing (5)
Provides an understanding of how the digital world reshapes the marketing mix. It focuses on analyzing digital marketing strategies, covering digital product management, online storefront design, pricing strategies in digital markets, and digital promotion techniques. Additionally, it delves into digital marketing analytics, social media marketing, and content marketing. Prerequisite: a minimum grade of 1.7 in T BUS 320.
View course details in MyPlan: T MKTG 465

T MKTG 470 Sports Marketing (5)
Examines the essentials of effective sports marketing activities. Topics include sports consumption, branding, sport segmentation, delivering the sports experience, developing and communicating the brand story, and leveraging the brand through sponsorship-linked marketing. Emphasizes communication, teamwork, and strategic thinking. Prerequisite: a minimum grade of 2.0 in T BUS 320.
View course details in MyPlan: T MKTG 470

T MKTG 471 Ecommerce (5)
Examines how Internet technologies transform the conduct of business both within and between organizations. Introduces the technical architecture and business principles that underlie the ecommerce phenomenon. Explores the implications of the evolving technologies for managerial decision making, organizational strategies, industry structures, and public policy. Prerequisite: T BUS 320; T BUS 330.
View course details in MyPlan: T MKTG 471

T MKTG 475 Marketing Strategy (5)
Provides a comprehensive framework for the development of competitive marketing strategies that achieve organizational goals and objectives and build competitive advantage. Includes all the activities and procedures necessary to develop a marketing plan, including the implementation, evaluation, and control of a firm's marketing dynamics. Prerequisite: T BUS 320.
View course details in MyPlan: T MKTG 475

T MKTG 480 International Marketing (5)
Extends basic marketing knowledge by examining the marketing strategies and tactics of companies that do

business across borders. Topics include how firms research, identify, and enter international markets, and develop global marketing strategies. Prerequisite: T BUS 320.
View course details in MyPlan: T MKTG 480

T MKTG 490 Special Topics in Marketing (5, max. 15)
Prerequisite: minimum grade of 1.7 in T BUS 320.
View course details in MyPlan: T MKTG 490

T MKTG 560 Managerial and Marketing Research (4)
Examines research design, data collection, and data interpretation as critical elements of diagnosing organizational, managerial, and marketing problems. Provides practical and theoretical insights into gathering information about organizational problems and opportunities. Prerequisite: T BUS 504.
View course details in MyPlan: T MKTG 560

T MKTG 580 International Marketing (4)
Examines the marketing strategies and tactics of companies that conduct international business. Explores how firms identify, research, and enter international markets, and the process used to develop global marketing strategies that are appropriate for those markets. Prerequisite: T BUS 504.
View course details in MyPlan: T MKTG 580

Core Courses

CORE CURRICULUM

T CORE 100 Introduction to Interdisciplinary Study (2)
Introduction to interdisciplinarity and to academic problem-solving. Focuses on critical inquiry, collaborative study, peer review, and active learning. Credit/no-credit only. Offered: AWSp.
View course details in MyPlan: T CORE 100

T CORE 101 Introduction to Academic Writing (5) C
Introduces principles of argument, critical thinking, and analytical readings, and writing and research skill needed for academic writing. Covers skills for managing the writing process and how to transfer learning to other disciplinary contexts for writing. Linked to another core curriculum course in the humanities, social sciences, or natural sciences. Prerequisite: completion of Tacoma Writing Selection survey. Offered: AWSp.
View course details in MyPlan: T CORE 101

T CORE 102 Introduction to Science (5) NSc
Introduces students to university work by focusing on a core curriculum theme from multiple and interdisciplinary perspectives. Emphasizes learning in environmental science, including geology, chemistry, biology, oceanography, and ecology. Offered: A.
View course details in MyPlan: T CORE 102

T CORE 103 Introduction to Social Science (5) SSc
Introduces students to university work by focusing on a core curriculum theme from multiple and interdisciplinary perspectives. Emphasizes learning in the social sciences, including sociology, anthropology, psychology, politics, and global studies. Offered: A.
View course details in MyPlan: T CORE 103

T CORE 104 Introduction to Humanities (5) A&H
Introduces students to university work by focusing on a core curriculum theme from multiple and interdisciplinary perspectives. Emphasizes learning in the humanities (art, history, literature, philosophy). Includes readings, films, performances, and exhibits. Offered: A.
View course details in MyPlan: T CORE 104

T CORE 110 Introduction to Educational Equity and College Access (2)
Focuses on issues of educational inequity and college access. Prepares students to work with youth by critically examining the educational and psychological literature on first-generation college students. Offered: jointly with T UNIV 110; AWSp.
View course details in MyPlan: T CORE 110

T CORE 112 Introduction to Science (5) NSc
Introduces students to university work by focusing on a core curriculum from multiple and interdisciplinary perspectives. Emphasizes learning in the sciences, including computer science, geology, physics, biology, chemistry, and ecology.
View course details in MyPlan: T CORE 112

T CORE 113 Introduction to Social Science (5) SSc
Introduces students to university work by focusing on a core curriculum from multiple and interdisciplinary perspectives. Emphasizes learning in the social sciences, including political science, economics, social work,

business, sociology, geography, and psychology.
View course details in MyPlan: T CORE 113

T CORE 114 Introduction to Humanities (5) A&H
Introduces students to university work by focusing on a core curriculum theme from multiple and interdisciplinary perspectives. Emphasizes learning in the humanities, including literature, philosophy, film, theatre, music, and art.
View course details in MyPlan: T CORE 114

T CORE 122 Introduction to Science (5) NSc
Introduces students to university work by focusing on a core curriculum from multiple and interdisciplinary perspectives. Emphasizes learning in the sciences, including biology, health, computer science, geology, physics, chemistry, and ecology. Offered: Sp.
View course details in MyPlan: T CORE 122

T CORE 123 Introduction to Social Science (5) SSc
Introduces students to university work by focusing on a core curriculum theme from multiple and interdisciplinary perspectives. Emphasizes learning in the social sciences, including psychology, urban studies, geography, sociology, social welfare, and political science. Offered: Sp.
View course details in MyPlan: T CORE 123

T CORE 124 Introduction to Humanities (5) A&H
Introduces students to university work by focusing on a core curriculum from multiple and interdisciplinary perspectives. Emphasizes learning in the humanities, including literature, music, art, philosophy, and history. Offered: Sp.
View course details in MyPlan: T CORE 124

T CORE 133 Many Ways of Knowing: Introduction to Research (5) SSc
Examines how new knowledge is produced and assessed. Investigates how we know if something is true or accurate. Explores the different pathways of the process of discovery. Teaches students to learn about and try out different ways of creating new knowledge, as well as learn to evaluate existing knowledge.
View course details in MyPlan: T CORE 133

UNIVERSITY STUDIES

T UNIV 101 Introduction to Interdisciplinary Study (2)
Credit/no-credit only.
View course details in MyPlan: T UNIV 101

T UNIV 110 Introduction to Educational Equity and College Access (2)
Focuses on issues of educational inequity and college access. Prepares students to work with youth by critically examining the educational and psychological literature on first-generation college students. Offered: jointly with T CORE 110; AWSp.
View course details in MyPlan: T UNIV 110

T UNIV 190 Undergraduate Seminar for Success in STEM (1, max. 6)
Supports student success via a weekly seminar, group mentoring and workshop experience for students interested in STEM majors, strengthening student's campus networks, academic skills, and community. Credit/no-credit only.
View course details in MyPlan: T UNIV 190

T UNIV 200 The Social-Digital: Tools and Activism for the 21st Century (2)
This course explores technologies of political and social change. The course examines crowd-sourced actions of micro-lending and internet petitions, as well as collectives that operate via the dark web. The student will learn to create online identities as well as articulate the power of social tools for professional good. Offered: AWSp.
View course details in MyPlan: T UNIV 200

T UNIV 250 Husky Success Quest (2)
Students discover their talents, define their own unique paths, and learn how to develop and apply their strengths for academic, personal, and career success. Engages in an exploration of purpose and perspective with opportunities to interact with campus and community leaders.
View course details in MyPlan: T UNIV 250

School of Education

EDUCATION

T EDUC 290 Introduction to Teaching (5)
Introduces the profession of teaching through a service learning approach. Requires 25 hours of directed participatory observation arranged by students in formal or informal education settings. Examines inclusive and culturally responsive instructional approaches in K-12 settings. Credit/no-credit only.
View course details in MyPlan: T EDUC 290

T EDUC 292 Applied Urban Education (5) SSc
Examines the application of urban education in non-school settings. Analyzes community cultural wealth, community organizing strategies, and community education efforts through 40 hours of directed participatory observation in a community or organization-informed setting (including non-profits, community centers, libraries, afterschool programs, museums, or other community spaces or programs). Offered: WSp.
View course details in MyPlan: T EDUC 292

T EDUC 301 Community Education: Learning Beyond the Classroom (5) SSc
Examines the social and historical relationship of non-school-based education in the United States, including the role of community in conceptualizing various methods of learning, including libraries, public and private spaces, adult education, community-based organizations, digital media, and social protest movements. Course overlaps with: EDUC 370.
View course details in MyPlan: T EDUC 301

T EDUC 310 Racism and Schools in the U.S.: Critical Race Theory and the Maintenance of Societal Inequality (5) DIV
Examines the social and historical relationship of school sin the United States and communities of color. Examines the educational construction of race, the justification and perpetuation of racism, systemic school inequalities, community cultural wealth, and student resistance.
View course details in MyPlan: T EDUC 310

T EDUC 402 Learning About Learning (3)
Examines theories of learning including behavioral, cognitive, constructivist, and sociocultural. Expands understanding of the psychological and socio-psychological contexts within which students learn. Analyzes and critiques each theory as it applies to education, including teaching, assessments, programming, policy, equity, and intervention. Provides opportunities to enhance professional philosophy and pedagogical knowledge and skills. Course overlaps with: TPSYCH 230; B EDUC 310; and B EDUC 402. Recommended: at least one college-level course focusing on education, learning, or teaching. Offered: A.
View course details in MyPlan: T EDUC 402

T EDUC 410 Science Methods: K-8 (3)
Examines how K-8 learners learn science and explores research-based models of science instruction and assessment. Course participants design, implement, and evaluate instructional strategies that facilitate diverse K-8 learners' learning of the scientific process. Course overlaps with: EDC&I 470; GENOME 463; and B EDUC 421. Recommended: at least one college-level course focusing on education, learning, or teaching. Offered: A.
View course details in MyPlan: T EDUC 410

T EDUC 419 Linguistics for Teachers (3)
Prepares pre-service teachers to understand the structure of language, language acquisition, and language learning to inform and facilitate effective research-based instructional practices. Examines developmental

models of language acquisition and linguistic theories while focusing on language acquisition in respect to native and bilingual language speakers. Recommended: at least one college-level course focusing on education, learning, or teaching. Offered: Sp.
View course details in MyPlan: T EDUC 419

T EDUC 426 Arts in the Schools (3)
Explores the domain of the arts, particularly music, drawing, painting, and three dimensional expressions such as pottery, sculpture and architecture, to find means of better integrating arts and arts instruction into the school curriculum. Recommended: at least one college-level course focusing on education, learning, or teaching. Offered: W.
View course details in MyPlan: T EDUC 426

T EDUC 441 Reading Methods and Interventions (3)
Utilizes theory, research, and validated methods for designing literacy instruction. Focuses on effective teaching for beginning and struggling readers. Includes instructional design, assessment, and monitoring progress with additional attention to reading in special education contexts. Recommended: at least one college-level course focusing on education, learning, or teaching. Offered: jointly with T EDSP 441; Sp.
View course details in MyPlan: T EDUC 441

T EDUC 448 Classroom Management with Empathy, Equity and Justice (3)
Explores theory and research-based methods for creating safe, just, and equitable classrooms that support social-emotional wellbeing and promote academic success for all students. Emphasizes culturally responsive, multi-tiered systems of prevention for creating an inclusive, equity-centered school environment. Includes class-wide and targeted strategies supporting social emotional learning, positive behavior, and student motivation for learning. Course overlaps with: T EDSP 448. Offered: A.
View course details in MyPlan: T EDUC 448

T EDUC 449 Teaching and Learning in Inclusive Settings (3)
Covers the theoretical, conceptual, and empirical bases for pre-service teachers to meet the needs of a diverse student population including students with disabilities and students considered gifted and talented. Emphasizes the translation of research into practice. Course overlaps with: B EDUC 403. Recommended: at least one college-level course focusing on education, learning, or teaching. Offered: Sp.
View course details in MyPlan: T EDUC 449

T EDUC 460 Math Methods I (3)
Provides theoretical and empirical foundations for how children learn mathematics to inform teaching. Emphasizes strands of mathematical proficiency including conceptual understanding, procedural fluency, problem-solving and identity/dispositions in K-8 mathematics. Examines issues of power and identity in mathematics education. Introduces equity and inclusion strategies to teach rigorous and relevant mathematics to children. Part 1 of 2. Course overlaps with: B EDUC 419. Recommended: college-level course focused on education, learning, or teaching. Offered: Sp.
View course details in MyPlan: T EDUC 460

T EDUC 461 Math Methods II (3)
Provides theoretical and research foundations for effective equity-based mathematics instruction in K-8 classrooms. Emphasis on standards-based culturally responsive lesson design, curriculum adaptation, formative and summative assessment, power and participation, affirming multilingualism, discourse, differentiation strategies, and family/community engagement. Addresses systemic issues related to mathematics education. Part 2 of 2. Course overlaps with: B EDUC 418. Prerequisite: T EDUC 460; recommended: college-level course focused on education, learning, or teaching. Offered: A.
View course details in MyPlan: T EDUC 461

T EDUC 462 Social Studies Methods (3)
Prepares prospective teachers to teach civics, economics, geography, and history. In addition to this social studies content, as required by the State of Washington, the course prepares prospective teachers to teach the skills required for and promote dispositions that support full democratic citizenship. Course overlaps with: B EDUC 408. Recommended: at least one college-level course focusing on education, learning, or teaching. Offered: A.
View course details in MyPlan: T EDUC 462

T EDUC 463 Cultural and Linguistic Contexts for Instructing English Language Learners (3)
Examines the research on the social contexts in which English as a second language is taught and learned. We will analyze multidisciplinary studies that have been carried out in various domains of applied linguistics, sociolinguistics, and language policy. Linguistically informed decisions about first and second language teaching will be discussed. Recommended: college-level course focused on education, learning, or teaching. Offered: W.
View course details in MyPlan: T EDUC 463

T EDUC 464 Methods and Curricula in Literacy Instruction for English Language Learners (3)
Focuses on research finding related to oral language, literacy, and academic achievement for English language learners in the United States. Examines the theoretical underpinnings and research-based principles of various methods and curricula of second language teaching. Emphasizes effective curricula and instructional strategies. Recommended: at least one college-level course focusing on education, learning, or teaching. Offered: A.
View course details in MyPlan: T EDUC 464

T EDUC 465 Research and Methods in Mathematics and Science Instruction for English Language Learners (3)
This course examines mathematics and science instruction for English learners by drawing upon theories and research findings in mathematics/science education, bilingual education, second language acquisition, and multicultural education. Examines, critiques, and develops effective instructional practices (e.g. curriculum, instruction, and assessment) that promote K-12 student advancement in mathematics and science. Recommended: at least one college-level course focusing on education, learning, or teaching. Offered: Sp.
View course details in MyPlan: T EDUC 465

T EDUC 469 Testing and Evaluation of English Language Learners (3)
Focuses on the research on language assessment. Examines the debates about the socially situated nature of language and the skill-based individualistic focus in current conceptualizations of language proficiency. Studies how to evaluate various aspects of language and academic performance of English learners in K-12 classrooms. Course overlaps with: B EDUC 444. Recommended: at least one college-level course focusing on education, learning, or teaching. Offered: Sp.
View course details in MyPlan: T EDUC 469

T EDUC 471 Diversity and Equity in Schools and Curriculum (5) DIV
Examines the instructional methods and multicultural understandings necessary to address the learning needs of a diverse student population in a globalized society. Students analyze institutional, social, cultural, political, and intersectional identity dimensions on schooling, teaching, learning, and student/family/community engagement to responsively address multiple histories, learning modalities, and education needs of children. Course overlaps with: EDC&I 450.
View course details in MyPlan: T EDUC 471

T EDUC 474 Native American Education and Centering Tribal Sovereignty (3)
Provides a foundation of understanding around historical policies and practices that impact Tribal communities and Native American education, including understanding contemporary realities, decolonizing pedagogies, and implementation of the Since Time Immemorial (STI) curriculum approved by the Office of the Superintendent for Public Instruction. Course overlaps with: T EGL 303; AIS 431; and B EDUC 438. Recommended: at least one

college-level course focusing on education, learning, or teaching. Offered: Sp.
View course details in MyPlan: T EDUC 474

T EDUC 482 Foundations of Education: Policy, Ethics, and Philosophy (5)
Introduces contemporary issues in schools and their historical genesis starting with the successes and challenges in classrooms, schools, and communities today, tracing their roots back in time. Provides an overview for those considering becoming teachers or wishing to become more informed citizens.
View course details in MyPlan: T EDUC 482

T EDUC 485 South Africa in Transition: Community Development and Education As Transformation (5) SSc
Hands-on look at NGOs and schools in an under-resourced and struggling township located in South Africa. Critical exposure to, and examination of, the role and challenges of organizations attempting to lead community development and education efforts within a globalized, new democracy which itself struggles with post-apartheid racism and inequities. Credit/no-credit only. Offered: jointly with T URB 485.
View course details in MyPlan: T EDUC 485

T EDUC 487 Field Experience I (1-3, max. 3)
Observation and participation practicum in assigned public school classrooms under University supervision. Includes seminars that provide guided inquiry into the nature and social context of teaching and learning, drawing heavily from observations and experiences in the site placements. May only be taken for credit once. Recommended: at least one college-level course focusing on education, learning, or teaching. Credit/no-credit only. Offered: A.
View course details in MyPlan: T EDUC 487

T EDUC 488 Field Experience II (1-10, max. 10)
Observation and intensive participation practicum in assigned public school classrooms under University supervision. Includes full-time teaching experiences along with seminars that provide guided inquiry into the nature and social context of teaching and learning, drawing heavily from observations and experiences in the site placements. May only be taken for credit once. Recommended: college-level course focusing on education, learning, or teaching. Credit/no-credit only. Offered: W.
View course details in MyPlan: T EDUC 488

T EDUC 489 Field Experience III (1-3, max. 3)
Observation and intensive participation practicum in assigned public school classrooms under University supervision. Includes teaching experiences in specialized educational settings, as well as seminars that provide guided inquiry into the nature and social context of teaching and learning, drawing heavily from observations and experiences in the site placements. May only be taken for credit once. Recommended: college-level course focusing on education, learning, or teaching. Credit/no-credit only. Offered: Sp.
View course details in MyPlan: T EDUC 489

T EDUC 490 Reflective Seminar: Essentials of Teaching Practice (1, max. 3)
Provides teacher candidates guided inquiry into the nature and social context of teaching and learning, making connections between what is learned at the University in coursework and in the field. Course overlaps with: T CRIM 427/TSOCWF 427 and B EDUC 427. Recommended: college-level course focusing on education, learning, or teaching. Credit/no-credit only. Offered: AWSp.
View course details in MyPlan: T EDUC 490

T EDUC 491 Tutoring Internship (3-5, max. 15)
Analyzes instructional design of beginning and corrective reading methods. Develops effective teaching delivery. Develops positive interactions with children. Implements evidence-based reading instruction in an

after-school elementary reading program with instructional coaching by expert teachers . Credit/no-credit only.
View course details in MyPlan: T EDUC 491

T EDUC 501 Foundations of Education: Policy, Ethics, and Philosophy (3)
Provides in-depth examination of current issues in public schools focusing on the life decisions of professional education practice in classrooms, schools, and communities. Describes K-12 schools governance at all levels, ethical decision making in the system, and philosophical issues including the purpose of schools in contemporary society.
View course details in MyPlan: T EDUC 501

T EDUC 502 Learning About Learning (3)
Examines theories of learning including behavioral, cognitive, constructivist, and sociocultural. Expands understanding of the psychological and socio-psychological contexts within which students learn. Analyzes and critiques each theory as it applies to education, including teaching, assessments, programming, policy, equity, and intervention. Provides opportunities to enhance professional philosophy and pedagogical knowledge and skills.
View course details in MyPlan: T EDUC 502

T EDUC 503 Assessment Foundations (3)
Introduces psychometric properties of assessment with an emphasis on standardized assessment. Focuses on reducing bias through the ethical selection and interpretation of culturally sensitive assessment measures. Offers applied practice with select standardized and developmental measures.
View course details in MyPlan: T EDUC 503

T EDUC 504 Understanding Educational Research (3)
Introduces students to research in education. Provides students the opportunity to review and critically analyze multiple types of educational research reflecting diversity in topic and researcher lens. Emphasizes the evaluation of research with a critical eye towards the research process, including positionality, methods, interpretation, and generalizability.
View course details in MyPlan: T EDUC 504

T EDUC 510 Science Methods: K-8 (3)
Examines how students learn science and explores research-based models of science instruction and assessment. Students design, implement, and evaluate instructional strategies that facilitate students' learning of scientific process.
View course details in MyPlan: T EDUC 510

T EDUC 519 Linguistics for Teachers (2-3)
Prepares pre-service teachers to understand the structure of language, language acquisition, and language learning to inform and facilitate research-based instructional practices. Examines developmental models of language-acquisition and linguistic theories while focusing on language acquisition in respect to native and bilingual language speakers.
View course details in MyPlan: T EDUC 519

T EDUC 520 Equity and Justice in Educational Practice (3)
Covers theory and research related to diversity, equity and inclusion with youth, families, schools, tribes, and communities. Helps educators create socially just curricula and practices, advocate for social justice, and support their own growth and understanding of power, privilege, and oppression in schools. Facilitates knowledge and skills needed for anti-racism and decolonizing, culturally responsive, and gender-inclusive education practices.
View course details in MyPlan: T EDUC 520

T EDUC 521 Decolonizing and Indigenizing Healing Spaces for Policy and Praxis (3)
Provides an in-depth approach to learning that cultivates a holistic process that embodies Indigenous educational healing, reconciliation, and transformation. This class will engage students in ways that honor educational Nation to Nation and Native community relationships, deepening the Since Time Immemorial and tribal specific narrative towards developing a co-creative process for empowering policy and praxis
View course details in MyPlan: T EDUC 521

T EDUC 523 Culture of Secondary Schools (3)
Systematic, research-based analysis of current practices in secondary schools, with particular emphasis on the roles and contextual influences of students, staff, parents, and communities, and their influence on student achievement.
View course details in MyPlan: T EDUC 523

T EDUC 524 Secondary Students with Disabilities (3)
Covers the theoretical, conceptual, and empirical bases for pre-service secondary teachers to meet the needs of students with disabilities. Emphasizes the translation of research into practice.
View course details in MyPlan: T EDUC 524

T EDUC 526 Arts in the Schools (3)
Explores the domain of the arts, particularly music, drawing, painting, and three dimensional expressions such as pottery, sculpture and architecture, to find means of better integrating arts and arts instruction into the school curriculum.
View course details in MyPlan: T EDUC 526

T EDUC 527 Content Literacy (3)
Provides prospective general and special education teachers with evidence-based practices in the area of content literacy. Addresses the knowledge and skills required for comprehending informational text. Includes evidence-based procedures for evaluation and modifying curricular material, and teaches methods for evaluation student progress.
View course details in MyPlan: T EDUC 527

T EDUC 530 Curriculum Inquiry (3)
Examines reading, writing, and thinking as it occurs in various specific and integrated content areas of the school curriculum in grades K-12. Focuses on the ideas and strategies needed to enhance instructional effectiveness across the curriculum.
View course details in MyPlan: T EDUC 530

T EDUC 531 Curricular Uses of Children's and Young Adult Literature (3)
Examines the issues and strategies in using children's and young adult literature across the curriculum in K-12 classrooms. Analyzes the variety of trade books currently available. Discusses the theory and techniques for creating a literature-based program.
View course details in MyPlan: T EDUC 531

T EDUC 533 Managing Secondary Classrooms with Empathy, Equity and Justice (3)
Explores theory and research-based methods for creating safe, just, and equitable classrooms that support social-emotional wellbeing and promote academic success for all. Emphasizes culturally sensitive, multi-tiered systems of prevention for creating inclusive, equity-centered school environments. Includes class-wide and targeted strategies to support social emotional learning, positive behavior, and increase student motivation for learning.
View course details in MyPlan: T EDUC 533

T EDUC 535 Literacy in Secondary Schools (3)
Provides research base for teaching language arts to diverse secondary students including English language learners and students with disabilities. Integrates writing with literature across content areas. Addresses evaluation and modification of curricular materials. Teaches methods of evaluating student progress.
View course details in MyPlan: T EDUC 535

T EDUC 539 Principles of Teaching in Secondary Schools (3)
Provides an orientation to curriculum, instruction, assessment, classroom environment, social, and other issues for adolescent and young adults in grades 5-12. Readings, activities, and assignments are designed to develop foundational knowledge in issues in secondary teaching and to develop teacher candidates' consciousness as a teacher.
View course details in MyPlan: T EDUC 539

T EDUC 540 Multitiered Systems of Prevention and Support (3)
Develops an understanding of equity-centered, multi-tiered systems of support (MTSS) in educational settings. Emphasizes theories of change that equitably engage educational stakeholders, use data to inform educational programming and practices, and promote supportive environments for diverse school communities. Includes collaborative, culturally responsive, team facilitation skills necessary for leading and implementing MTSS efforts. Offered: A.
View course details in MyPlan: T EDUC 540

T EDUC 541 Reading Methods and Interventions (3)
Utilizes theory, research, and validated methods for designing literacy instruction. Focuses on effective teaching for beginning and struggling readers. Includes instructional design, assessment, and monitoring progress with additional attention to reading in special education contexts. Offered: jointly with T EDSP 541.
View course details in MyPlan: T EDUC 541

T EDUC 542 Classroom and School Behavior Support Systems (3)
Provides theory and research-based methods for creating safe and equitable classroom and school environments that support wellbeing and academic engagement. Emphasizes multi-tiered systems of prevention that are culture and identity-affirming. Builds the capacities of educators to develop equity-centered classroom management structures and collaborate in school teams that promote an environment in which all students thrive. Offered: jointly with T EDSP 542.
View course details in MyPlan: T EDUC 542

T EDUC 543 Math Methods and Interventions (3)
Utilizes theory, research, and validated methods for designing effective mathematics instruction for academic interventions and support for students struggling in mathematics. Includes instructional design, assessment, and monitoring progress with additional attention to math learning in special education contexts. Offered: jointly with T EDSP 543.
View course details in MyPlan: T EDUC 543

T EDUC 548 Classroom Management with Empathy, Equity and Justice (3)
Explores theory and research-based methods for creating safe, just, and equitable classrooms that support social-emotional wellbeing and promote academic success for all students. Emphasizes culturally responsive, multi-tiered systems of prevention for creating an inclusive, equity-centered school environment. Includes class-wide and targeted strategies supporting social emotional learning, positive behavior, and student motivation for learning.
View course details in MyPlan: T EDUC 548

T EDUC 549 Teaching Students with Special Needs (3)
Covers the theoretical, conceptual, and empirical bases for pre-service teachers to meet the needs of a diverse student population including students with disabilities, and highly capable students. Emphasized the translation of research into practice.
View course details in MyPlan: T EDUC 549

T EDUC 554 Language Arts (3)
Provides an evidence base for teaching language arts to diverse K-8 students including English language learners and students with disabilities. Focuses on research based writing instruction. Includes instruction in listening and oral language. Addresses evaluation and modification of curricular materials and progress monitoring methods.
View course details in MyPlan: T EDUC 554

T EDUC 555 Literature and Content Reading (3)
Prepares prospective teachers to analyze and acquire research-based pedagogy in reading instruction and informational texts. Prospective teachers will develop instructional designs to implement research findings in K-8 classrooms.
View course details in MyPlan: T EDUC 555

T EDUC 556 Social and Emotional Learning (3)
Prepares teacher to meet the social and emotional needs of primary and secondary students. Provides in-depth exploration of theory and practice including evidence-based assessment and supports across the universal, targeted, and intensive levels of prevention. Geared toward teachers interested in working with students who lack critical skills necessary for resiliency. Offered: jointly with T EDSP 556; Sp.
View course details in MyPlan: T EDUC 556

T EDUC 560 Mathematics Methods I (3)
Provides theoretical and empirical foundations for how children learn mathematics to inform mathematics teaching. Emphasizes strands of mathematical proficiency including conceptual understanding, procedural fluency, problem-solving and identity/dispositions in K-8 mathematics. Examines issues of power and identity in mathematics education. Introduces equity and inclusion strategies to teach rigorous and relevant mathematics to children.
View course details in MyPlan: T EDUC 560

T EDUC 561 Mathematics Methods II (3)
Provides theoretical and research foundations for effective equity-based mathematics instruction in K-8 classrooms. Emphasis on standards-based culturally responsive lesson design, curriculum adaptation, formative and summative assessment, power and participation, affirming multilingualism, discourse, differentiation strategies, and family/community engagement. Addresses systemic issues related to mathematics education. Prerequisite: T EDUC 560.
View course details in MyPlan: T EDUC 561

T EDUC 562 Social Studies Methods (3)
Prepares prospective teachers to teach civics, economics, geography, and history. In addition to this social studies content- as required by the State of Washington-the course prepares prospective teachers to teach the skills required for and promote dispositions that support full democratic citizenship.
View course details in MyPlan: T EDUC 562

T EDUC 563 Cultural and Linguistic Contexts for Instructing English Language Learners (2-3)
Examines research on the social contexts of learning and teaching English as a second language. Analyzes multidisciplinary studies on culture in applied linguistics, sociolinguistics, and language policy. Understands

how educational environments impact second language learners' attitude and identities as well as teachers' instructional approaches.
View course details in MyPlan: T EDUC 563

T EDUC 564 Methods and Curricula in Literacy Instruction for English Language Learners (2-3)
Focuses on research finding related to oral language, literacy, and academic achievement for English language learners in the United States. Examines the theoretical underpinnings and research-based principles of various methods and curricula of second language teaching. Emphasizes effective curricula and instructional strategies.
View course details in MyPlan: T EDUC 564

T EDUC 565 Research and Methods in Mathematics and Science Instruction for English Language Learners (2-3)
Examines mathematics and science instruction for English learners by drawing upon theories and research finding in mathematics/science education, bilingual education, second language acquisition, and multicultural education. Examines, critiques, and develops effective instructional practices (e.g. curriculum, instruction, and assessment) that promote K-12 student advancement in mathematics and science.
View course details in MyPlan: T EDUC 565

T EDUC 569 Testing and Evaluation for English Language Learners (2-3)
Focuses on the research on language assessment. Examines the debates about the socially situated nature of language and the skill-based individualistic focus in current conceptualizations of language proficiency. Studies how to evaluate various aspects of language and academic performance of English learners in K-12 classrooms.
View course details in MyPlan: T EDUC 569

T EDUC 583 Induction Seminar II (3)
Focus on research supporting and reflection on the evaluation criteria for Washington State teachers. Credit/no-credit only. Offered: jointly with T EDSP 583; W.
View course details in MyPlan: T EDUC 583

T EDUC 584 Induction Seminar III (3)
Focuses on continued induction for beginning teachers including reviewing the research supporting and reflection on the evaluation criteria for Washington State teachers. Credit/no-credit only. Offered: jointly with T EDSP 584; Sp.
View course details in MyPlan: T EDUC 584

T EDUC 587 Field Experience I (1-12, max. 12)
Observation and participation practicum in assigned public school classrooms under University supervision. Includes seminars that provide guided inquiry into the nature and social context of teaching and learning, drawing heavily from observations and experiences in the site placements. Prerequisite: site placement.
View course details in MyPlan: T EDUC 587

T EDUC 588 Field Experience II (1-12, max. 12)
Practicum in public school classrooms under university supervision. Includes group instruction to demonstrate specific skills and understanding. Provides guided inquiry into the nature and social context of teaching and learning, drawn heavily from observations and experiences in the interns' site placements. Prerequisite: T EDUC 587.
View course details in MyPlan: T EDUC 588

T EDUC 589 Field Experience III (1-12, max. 12)
Full-time teaching practicum in assigned public school classrooms. Includes seminar that provides guided inquiry into the nature and social context of teaching and learning, drawn heavily from observations and

experiences in the interns' site placements. Prerequisite: T EDUC 588.
View course details in MyPlan: T EDUC 589

T EDUC 590 Reflective Seminar: Essentials of Teaching Practice (1-3, max. 3)
Provides guided inquiry into the nature and social context of teaching and learning, as contrasted with the more pragmatic content of other components of the Teacher Certification Program.
View course details in MyPlan: T EDUC 590

T EDUC 591 Special Topics in Education (1-9, max. 9)
Offered: jointly with T EDSP 591.
View course details in MyPlan: T EDUC 591

T EDUC 592 Independent Study (1-9, max. 9)
Faculty-supervised independent study or readings in areas of education of special interest or need to the student. Topics vary. Prerequisite: permission of instructor and approved program of study or readings. Offered: jointly with T EDSP 592.
View course details in MyPlan: T EDUC 592

T EDUC 599 Culminating Project (1-13, max. 13)
Final project designed in collaboration with faculty as an application of the program's theory and research. Prerequisite: T EDUC 501; T EDUC 502; and T EDUC 504.
View course details in MyPlan: T EDUC 599

EDUCATIONAL ADMINISTRATION

TEDADM 570 Curriculum and Instruction (4-)
Focuses on curriculum: knowledge and strategies for selecting new and/or implementing current district academic programs, and instruction: envisioning and enabling instructional and auxiliary programs for improvement of teaching and learning.
View course details in MyPlan: TEDADM 570

TEDADM 571 Introduction to Leadership (2-)
Begins the academic, exploratory, and experiential process of leadership in educational settings. Introduces students to the key components of leadership in academic settings and begins the process of cohort formation that establishes the learning environment for the program.
View course details in MyPlan: TEDADM 571

TEDADM 572 School Law for Educational Administrators (3-)
Explores federal and state law that principals and district administrators are responsible to know and administer, including special education.
View course details in MyPlan: TEDADM 572

TEDADM 573 Supervision of Instruction (3-)
Advances the knowledge of curriculum and instruction models into the domain of supervision of individuals and groups of staff in instruction. Assists staff in designing and implementing professional self-improvement goals.
View course details in MyPlan: TEDADM 573

TEDADM 574 Equity Focused Leadership (3)
Focuses on contemporary issues confronting school building or district educational leaders, such as educating increasing numbers of students who are at-risk, advancing social justice in the schools, ensuring safe and

orderly school environments, crisis management, and conflict resolution.
View course details in MyPlan: TEDADM 574

TEDADM 575 Leadership in a Changing Society (3-)
Addresses the issue of how one in a position of educational leadership understands and copes with changes in cultures, and socio-political environments as they impact schools.
View course details in MyPlan: TEDADM 575

TEDADM 576 School-Wide Assessment (3-)
Surveys breadth of assessment issues in school administration, including the role of assessment in the reform movement and school-wide improvement initiatives, classroom-based assessment, the importance of accurate and timely data collection, interpretation and communication about assessment in the school community, and reducing achievement gaps in diverse populations.
View course details in MyPlan: TEDADM 576

TEDADM 577 School Finance and Educational Policy (3-)
Addresses issues of school finance from national, regional, and local perspectives. Deals with district and school budgeting, fund raising, levies, ASB and athletic funding issues, as well as legislative relations.
View course details in MyPlan: TEDADM 577

TEDADM 578 Group Leadership in Educational Administration (3-)
Focuses on the topics of group dynamics, group facilitation, meeting design, oral communications, and the art of persuasion. Topics include group leadership strategies and skills necessary to lead organizational change efforts, to effectively elicit and manage creativity and diversity, and to manage conflict.
View course details in MyPlan: TEDADM 578

TEDADM 579 Human Resources (4-)
Addresses critical role of management of human resources that is key to effective educational administration. Topics include hiring, mentorship, collective bargaining, strategic staff planning, communication patterns, justice issues, and evaluation of staff.
View course details in MyPlan: TEDADM 579

TEDADM 580 Reflective Seminar for Administrators (1-, max. 4)
All interns meet and reflect on field experience, providing insight and support for one another as well as referring to evidenced based best practices discovered through the literature. Credit/no-credit only. Offered: AWSpS.
View course details in MyPlan: TEDADM 580

TEDADM 581 Internship for Administrators ([2-4]-, max. 14)
Field-based practicum which focuses on the application of theoretical and research knowledge in instruction, management, and leadership.
View course details in MyPlan: TEDADM 581

EDUCATIONAL LEADERSHIP

T EDLD 570 Revolutionizing Leadership (5)
Explores novel ways of leading collaborative, community-based, learner centric educational environments. Discusses how leaders can build coalitions that include student and youth activists to generate systemic change.
View course details in MyPlan: T EDLD 570

T EDLD 571 Community Grounded Systems Leadership (5)
Provides a critique of the current structure of educational organizations, policies and evaluation strategies. Discusses how community grounded, collaborative leadership approaches can dismantle oppressive and dysfunctional systems.
View course details in MyPlan: T EDLD 571

T EDLD 572 Anti-racist and De-Colonial Frameworks in Education (5)
Uses critical race theory to analyze the effects of educational systems on Black Indigenous People of Color communities. Explores leadership practices that can be used to de-colonize education.
View course details in MyPlan: T EDLD 572

T EDLD 573 Critical Pedagogies and Leadership (5)
Uses theory and research to critique existing instructional approaches and pedagogy. Explores how integration of relational learning, ancestral knowledge and community focus can be used to create antiracist and de-colonial educational systems and pedagogies.
View course details in MyPlan: T EDLD 573

T EDLD 574 De-Colonizing Writing and Oral Praxis (5)
Introduces participants to writing and oral praxis within a decolonial lens. We will critique oppressive western dominant conventions of expression as intentional silencing of self and others.
View course details in MyPlan: T EDLD 574

T EDLD 575 Human Capacity in Educational Institutions (5)
Focuses on effective human resource operations that reflect an organization's core values and analyzes human resource problems related to educational organizations.
View course details in MyPlan: T EDLD 575

T EDLD 576 Education Law and Governance (5)
Focuses on persistent legal issues in education. Examines laws, regulations, policies and court cases that affect educational systems and practices.
View course details in MyPlan: T EDLD 576

T EDLD 577 Funding, Budgets, and Inequities (5)
Focuses on current issues in public and private education finance, including P-12 education, higher education, civic and community organizations. Examines historic and contemporary inequities in federal, state, and local educational funding models.
View course details in MyPlan: T EDLD 577

T EDLD 581 Introduction to De-Colonizing Research (5)
Course critiques educational research and western knowledge construction processes that traditionalize inequities across race, Indigeneity, class, gender, sexuality, ability, and related intersectional identities. Engages personal and professional development around decolonial approaches to research processes.
View course details in MyPlan: T EDLD 581

T EDLD 582 Applied De-Colonizing Research Approaches (5)
Course discusses community grounded research as processes of fostering relational learning environments, intergenerational ways of knowing, researcher reflexivity, and applied theoretical approaches toward decolonization.
View course details in MyPlan: T EDLD 582

T EDLD 583 De-Constructing Knowledges, Part 1 (5)
Course evokes research methods to challenge traditionalized educational processes. Weaves ancestral and community knowledges to address societal inequities to foster healing.
View course details in MyPlan: T EDLD 583

T EDLD 584 Re-Constructing Knowledges, Part 2 (5)
Students apply previous learning to curate research methodology. Application of community grounded, relational research methods that integrate ancestral knowledges, disrupt and dismantle colonial systems, to foster healing.
View course details in MyPlan: T EDLD 584

T EDLD 585 Proposing Relational Research (5)
Course focuses on developing a research plan to conduct a decolonial analysis within a specific research context.
View course details in MyPlan: T EDLD 585

T EDLD 587 Disrupt and Dismantling Current Praxis (5)
Interrogating systems of inequalities through the lens of ancestral knowledge and current praxis. Centering collaborative design, evaluation and the implementation of decolonial and anti-oppressive systems of support.
View course details in MyPlan: T EDLD 587

T EDLD 588 Relational Learning and Healing in Praxis (5)
Focuses on developing knowledge about Revolutionary Leadership to assess personal leadership skills. Use of relational learning approaches and crucial conversations to create a learning community.
View course details in MyPlan: T EDLD 588

T EDLD 589 Leadership for Healing (5)
Recognizing historic and contemporary activism in resistance to oppressive systems, this course provides practical experiences for students to strengthen personal leadership through holistic healing models.
View course details in MyPlan: T EDLD 589

T EDLD 590 Critical Approaches to Student Development (5)
Focuses on student engagement within various higher education institutions, including support structures and strategies to foster student learning and growth. Focus on students historically excluded from traditionalized higher education practice.
View course details in MyPlan: T EDLD 590

T EDLD 591 Indigenous Leadership in Education and Community Contexts (5)
Provides an in depth understanding of the lived and unique perspectives within Indigenous leadership across education and community contexts including tribal, community, civic, and P-20 educational settings. This course will empower students to develop and strengthen Indigenous worldviews while making connections within and across tribal and diverse Indigenous communities.
View course details in MyPlan: T EDLD 591

T EDLD 593 Critical Elements in Literacy (3)
Focuses on critical research-based practices in Pre-K-12 literacy and identifies achievement-gap closing best practices for economically, culturally, linguistically diverse students, and all historically under-served students. Students apply knowledge of this research-base in order to lead the implementation of effective literacy programs at all levels.
View course details in MyPlan: T EDLD 593

T EDLD 594 School District Leadership (1-3, max. 3)
Focuses on conceptualizing district-wide leadership roles, including engagement with governance, regional and state level policies, school and district perspectives, employee development, data systems, and structural levers for change efforts. Credit/no-credit only.
View course details in MyPlan: T EDLD 594

T EDLD 595 Equity-Focused District Leadership (3)
Focuses on leadership for equity, including assessment of culture and climate, modeling of healing approaches, and implementation and evaluation of district-wide structures that disrupt inequalities while fostering safe, nurturing school systems.
View course details in MyPlan: T EDLD 595

T EDLD 596 District Level Instructional Leadership (3)
Focuses on collaborative leadership for the improvement of district-level instructional approaches, from district missions to the individual classrooms, centering equity for all students and employees, current issues and barriers, and approaches to implementing and assessing justice-oriented curricular and teaching approaches. Credit/no-credit only.
View course details in MyPlan: T EDLD 596

T EDLD 600 Independent Study or Resarch (1-4, max. 4)
Faculty-supervised independent study or readings in areas of educational leadership of special interest or need to the student. Topics vary. Prerequisite: permission of instructor and approved program of study or readings. Offered: AWSpS.
View course details in MyPlan: T EDLD 600

T EDLD 602 Community Grounded Praxis (1-6, max. 18)
Focuses on evaluation and reflection in a shared learning environment to enhance leadership knowledge, critique leadership praxis and develop community grounded approaches to demonstrate connections to the Ed.D. values. Credit/no-credit only.
View course details in MyPlan: T EDLD 602

T EDLD 801 Dissertation in Practice (*-, max. 75)
Focuses on the implementation of the EdD in Educational Leadership dissertation in practice as a structured inquiry process investigating a critical problem of practice. Credit/no-credit only. Offered: AWSpS.
View course details in MyPlan: T EDLD 801

T EDLD 802 Dissertation in Practice Seminar (1-3, max. 3)
Students share and discuss the challenges and progress of their respective dissertation in practice, providing insight, accountability, and support for one another. Credit/no-credit only. Offered: AWSp.
View course details in MyPlan: T EDLD 802

SCHOOL PSYCHOLOGY

T SPSY 501 Principles and Ethics in School Psychology Practice (3)
Introduces the field of school psychology and analyzes the roles school psychologists serve. Explains the historical, current, and future trends in school psychology with emphasis on culturally responsive and ethical practices for diverse student populations. Examines ethical standards and legal issues and application in school and community settings. Provides in-depth understanding of school systems that promote equity and inclusion.
View course details in MyPlan: T SPSY 501

T SPSY 548 Applied Child and Adolescent Development (3)
Examines theory, research, and issues in child and adolescent development and focuses on applications most relevant to development and learning in school settings. Includes in-depth explorations of characteristics and factors important to human development, including socio-cultural identities, individual differences, and abilities.
View course details in MyPlan: T SPSY 548

T SPSY 549 Cognitive Assessment of Children and Adolescents (4)
Prepares school psychologists for ethical and culturally sensitive assessment and interpretation of cognitive skills. Focuses on the appropriate selection, administration, and scoring of individually administered cognitive assessments, including verbal and nonverbal instruments, for diverse student populations. Emphasizes accurate and thoughtful interpretation within the context of other data collected and linkages to school-based interventions. Course overlaps with: EDPSY 540.
View course details in MyPlan: T SPSY 549

T SPSY 550 Introduction to Counseling in Schools (3)
Provides theory and practice in culturally appropriate counseling techniques for youth. Focuses on the application of school-based counseling practices with children and adolescents using a social justice and equity lens. Emphasizes strengths-based, solutions-oriented frameworks and provides skills necessary for evidence-based interviewing and helping techniques that promote empowerment and resilience in youth. Course overlaps with: EDPSY 544.
View course details in MyPlan: T SPSY 550

T SPSY 551 Social, Emotional, and Behavioral Assessment (4)
Focuses on the ethical selection, administration, scoring, interpretation, and use of methods and tools to evaluate social, emotional, and behavioral skills and adaptive functioning of students. Draws from ecological theories and culturally responsible models of assessment. Students learn about disabilities related to social functioning, sensory differences, and emotional/behavioral challenges.
View course details in MyPlan: T SPSY 551

T SPSY 552 Specially Designed Instruction (3)
Focuses on the development of culturally responsive, specially designed instruction (SDI) across content areas for individual education programming. Includes program adaptation, modification, and the use of technology to create universally accessible and differentiated instruction. Includes research design, analysis, and progress monitoring techniques to evaluate student outcomes.
View course details in MyPlan: T SPSY 552

T SPSY 553 Group Interventions in the Schools (3)
Covers research, theory, and group dynamics in educational settings. Addresses culturally appropriate techniques for group-based social, emotional, and behavioral support. Includes types of groups, formation, development, process, facilitation, monitoring, and assessment. Discusses ethical, legal, and professional issues in school-based group counseling and interventions and promotes skills needed for the effective facilitation of diverse groups.
View course details in MyPlan: T SPSY 553

T SPSY 554 Trauma-Informed Crisis Prevention and Response in Schools (3)
Discusses leading theoretical frameworks in the study of trauma including neurobiological, psychosomatic, and cognitive-behavioral. Emphasizes the roles and responsibilities of educators, school psychologists, and other school personnel in effective crisis prevention and response. Examines healing-oriented and culturally appropriate approaches to school-based crisis prevention, mitigation, response, and recovery strategies.
View course details in MyPlan: T SPSY 554

T SPSY 555 Applied Research Design and Analysis (3)
Focuses on culturally responsive, applied research models in educational settings for evaluating programs and interventions. Includes refining research questions; operationalizing key variables and concepts; choosing designs that maximize validity; selecting culturally appropriate data collection approaches and instruments with accuracy and reliability; conducting analyses; and interpreting findings. Includes group and single case research.
View course details in MyPlan: T SPSY 555

T SPSY 560 Practicum and Reflective Seminar I (4)
Focuses on schools and educational agencies as systems. Orients students to the culture of schools and the roles and responsibilities of a school psychologist in service to the school communities, including equitable partnerships with families/caregivers, other professionals working in schools, and community agencies. Draws from ecological, culturally responsive, and strengths-based models of systemic change. Course overlaps with: EDPSY 505. Credit/no-credit only.
View course details in MyPlan: T SPSY 560

T SPSY 561 Practicum and Reflective Seminar II (4)
Focuses on the selection and implementation of effective programming and strategies that promote resilience, reduce risk, and serve students needing supplemental supports in schools. Draws from ecological, problem-solving, and strengths-based models of collaborative consultation. Focuses on interventions implemented within tier two, the secondary level of prevention within multitiered systems of support. Credit/no-credit only.
View course details in MyPlan: T SPSY 561

T SPSY 562 Practicum and Reflective Seminar III (4)
Focuses on the selection and administration of culturally appropriate assessments for comprehensive psychoeducational evaluations. Utilizes strengths-based methods and collaborative, ecological problem-solving models. Connects evaluation findings with evidence-based strategies. Offers methods and technologies to measure student progress and outcomes. Emphasizes holistic evaluations that lead to culturally responsive and supportive interventions. Credit/no-credit only.
View course details in MyPlan: T SPSY 562

T SPSY 601 Internship and Reflective Seminar (3-5, max. 15)
Offers supervised, school-based internship that provides students comprehensive experiences in the discipline. Interns apply theory and research to engage in multi-tiered systems of prevention and intervention and conduct psychoeducational evaluation. Emphasis placed on data-based decision-making; collaboration and consultation; intervention; service to promote inclusive schools; equitable and evidence based practices; legal and ethical practice.
View course details in MyPlan: T SPSY 601

T SPSY 750 Capstone Portfolio (2-5, max. 15)
Integrates coursework and field experiences to create and present a portfolio that demonstrates performance-based competency through case studies, psychoeducational evaluation, and other artifacts of learning and growth. Showcases knowledge and skills in data-based decision making; consultation and collaboration; interventions; services to promote inclusive schools; equitable and evidence-based practices; legal and ethical practice.
View course details in MyPlan: T SPSY 750

SECONDARY MATHEMATICS EDUCATION

T EDSM 517 Secondary Math Methods I (3)

Examines research on mathematical learning and achievement of middle school and high school youth. Covers psychological, institutional, community, and political factors that support and challenge mathematical learning. Covers content strands aligning to state and national standards including rational number, proportional reasoning, and algebra/function.
View course details in MyPlan: T EDSM 517

T EDSM 519 Secondary Math Methods II (3)
Examines research-based methods for teaching mathematics at the secondary level. Emphasizes pedagogy, curriculum, and assessment practices that promote equity and support active mathematics learning and advancement for diverse students.
View course details in MyPlan: T EDSM 519

SECONDARY SCIENCE EDUCATION

T EDSS 511 Secondary Science Methods I (3)
Builds on students' content knowledge in the sciences and helps them use well researched approaches to teach that content to secondary students. Examines scientific literacy, inquiry as a pedagogical practice, and general best practices with respect to laboratory safety.
View course details in MyPlan: T EDSS 511

T EDSS 512 Secondary Science Methods II (3)
Uses researched approaches to build on pedagogical content knowledge in the sciences and education to develop grade 5-12 curriculum and teaching skills. Uses the National Science Education Standards to explore scientific literacy, technology, science and society, reading and writing in science education, and equity and inclusion in science education. Prerequisite: T EDSS 511.
View course details in MyPlan: T EDSS 512

SPECIAL EDUCATION

T EDSP 441 Reading Methods and Interventions (3)
Utilizes theory, research, and validated methods for designing literacy instruction. Focuses on effective teaching for beginning and struggling readers. Includes instructional design, assessment, and monitoring progress with additional attention to reading in special education contexts. Recommended: at least one college-level course focusing on education, learning, or teaching. Offered: jointly with T EDUC 441; Sp.
View course details in MyPlan: T EDSP 441

T EDSP 443 Math Methods and Interventions (3)
Utilizes theory, research, and validated methods for designing effective mathematics instruction for academic interventions and support for students struggling in mathematics. Includes instructional design, assessment, and monitoring progress with additional attention to math learning in special education contexts. Recommended: at least one college-level course focusing on education, learning, or teaching. Offered: Sp.
View course details in MyPlan: T EDSP 443

T EDSP 444 Special Education Assessment and Evaluation (3)
Prepares special educators for ethical and culturally sensitive academic assessment. Focuses on the appropriate selection, administration, and scoring of individually administered academic assessments, progress monitoring tools, and other academic assessments for diverse student populations. Interpretation within the context of other data collected and school-based interventions. Recommended: at least one course focusing on education, learning, or teaching. Offered: Sp.
View course details in MyPlan: T EDSP 444

T EDSP 447 Special Education And The Law (3)
Examines the complex set of laws, regulations, and court cases that govern the education of students with disabilities. Comprehensive introduction to the legal issues in special education, approached through the larger context of education law. Recommended: at least one college-level course focusing on education, learning, or teaching. Offered: Sp.
View course details in MyPlan: T EDSP 447

T EDSP 448 Special Education Classroom Management with Empathy, Equity and Justice (3)
Explores theory and research-based methods to create safe and equitable classrooms that promote social-emotional wellbeing and academic success. Emphasizes culturally responsive, multi-tiered systems of prevention for creating inclusive, equity-centered school environments. Emphasizes legal and ethical practices for behavior intervention planning and provision of specially designed instruction in social emotional learning and positive behavior. Course overlaps with: T EDUC 448. Recommended: at least one college-level course focusing on education, learning, or teaching. Offered: A.
View course details in MyPlan: T EDSP 448

T EDSP 450 Special Education Principles and Practices I (3)
Provides an in-depth exploration of exceptionalities with emphasis on the etiology of high-incidence exceptionalities. Covers theoretical, conceptual and empirical bases to meet the needs of diverse students. Addresses federal and state legislation for individuals with exceptionalities in school settings. Part 1 of 2. Course overlaps with: EDSPE 304. Recommended: at least one college-level course focusing on education, learning, or teaching. Offered: W.
View course details in MyPlan: T EDSP 450

T EDSP 451 Special Education Principles and Practices II (3)
Provides the knowledge and skills to design research-based program options for students with disabilities and to evaluate the efficacy of a continuum of service delivery options. Includes issues unique to special educators such as development and implementation of individual education and transition plans, scheduling, and working with paraprofessionals. Part 2 of 2. Recommended: at least one college-level course focusing on education, learning, or teaching. Offered: Sp.
View course details in MyPlan: T EDSP 451

T EDSP 513 Issues in Autism for Educators (3)
Prepares general and special education teachers to sere children who are diagnosed with Autistic Spectrum Disorder (ASD) in a variety of settings with a specific focus on inclusion and positive behavior supports. Offers specific and evidence-based information relevant to assessing, planning, and implementing interventions for children with ASD.
View course details in MyPlan: T EDSP 513

T EDSP 520 Multicultural Issues in Special Education (3)
Provides an analysis of multicultural and bilingual perspectives in education with an emphasis on issues relevant to special education. Addresses issues and trends affecting the education of diverse students in special education. Emphasizes research based practices for serving culturally and linguistically diverse students.
View course details in MyPlan: T EDSP 520

T EDSP 539 Introduction to Exceptionalities (3)
Provides overview of educationally-related exceptionalities with focus on recognized categories for special education eligibility. Examines the nature of exceptionalities and intersections with facets of identity including social, cultural, race, gender, and linguistic differences. Critiques and evaluates theory and practice as related to equity, culturally responsive programming, advocacy, collaboration, and service delivery options.
View course details in MyPlan: T EDSP 539

T EDSP 541 Reading Methods and Interventions (3)
Utilizes theory, research, and validated methods for designing literacy instruction. Focuses on effective teaching for beginning and struggling readers. Includes instructional design, assessment, and monitoring progress with additional attention to reading in special education contexts. Offered: jointly with T EDUC 541.
View course details in MyPlan: T EDSP 541

T EDSP 542 Classroom and School Behavior Support Systems (3)
Provides theory and research-based methods for creating safe and equitable classroom and school environments that support wellbeing and academic engagement. Emphasizes multi-tiered systems of prevention that are culture and identity-affirming. Builds the capacities of educators to develop equity-centered classroom management structures and collaborate in school teams that promote an environment in which all students thrive. Offered: jointly with T EDUC 542.
View course details in MyPlan: T EDSP 542

T EDSP 543 Math Methods and Interventions (3)
Utilizes theory, research, and validated methods for designing effective mathematics instruction for academic interventions and support for students struggling in mathematics. Includes instructional design, assessment, and monitoring progress with additional attention to math learning in special education contexts. Offered: jointly with T EDUC 543.
View course details in MyPlan: T EDSP 543

T EDSP 544 Special Education Assessment and Evaluation (3)
Focuses on the appropriate selection, administration, and scoring of individually administered academic assessments, progress monitoring tools, and other academic assessments for diverse student populations. Emphasizes interpretation within the context of other data collected and school-based interventions. Prepares school psychologists and special educators for ethical and culturally sensitive academic assessment.
View course details in MyPlan: T EDSP 544

T EDSP 545 Individualized Supports for Students with Emotional and Behavioral Challenges (3)
Provides theoretical basis for supporting youth with emotional and behavioral challenges. Biological, cultural, developmental, and social influences are addressed. Includes evidence-based strategies to support academic and social learning, functional behavior assessment and individualized positive behavior intervention plans. Strategies for engaging with families to enhance outcomes for students are discussed.
View course details in MyPlan: T EDSP 545

T EDSP 546 Collaborative Consultation with Schools, Communities, and Families (3)
Provides theory and research in school-based consultation at the individual and organizational levels. Emphasizes collaborative models that are culturally responsive, equity-centered, and grounded in a data-informed, problem-solving process. Emphasizes relationships that empower staff, families, and communities. Applies communication, teaming, and coaching skills that facilitate implementation of evidence-based strategies and interventions.
View course details in MyPlan: T EDSP 546

T EDSP 547 Special Education And The Law (3)
Examines the complex set of laws, regulations, and court cases that govern the identification and education of students with disabilities. Provides a comprehensive introduction to various legal issues in special education through the larger context of education, law, equity, and inclusion frameworks. Course overlaps with: EDLPS 516/EDSPE 504.
View course details in MyPlan: T EDSP 547

T EDSP 548 Special Education Classroom Management with Empathy, Equity and Justice (3)
Explores theory and research-based methods to create safe and equitable classrooms that promote social-emotional wellbeing and academic success. Emphasizes culturally responsive, multi-tiered systems of prevention for creating inclusive, equity-centered school environments. Emphasizes legal and ethical practices for behavior intervention planning and provision of specially designed instruction in social emotional learning and positive behavior.
View course details in MyPlan: T EDSP 548

T EDSP 550 Special Education Principles and Practices I (3)
Provides in-depth exploration of disabling conditions with emphasis on the etiology of high incidence disabilities. Covers theoretical, conceptual and empirical bases to meet the needs of diverse students. Addresses legislation including the IDEiA, Section 504 of the Vocational Rehabilitation Act, and the Washington Administrative Code: Special Education Rules and Regulations.
View course details in MyPlan: T EDSP 550

T EDSP 551 Special Education Principles and Practices II (3)
Provides the knowledge and skills to design research-based program options for students with disabilities and to evaluate the efficacy of a continuum of service delivery options. Includes issues unique to special educators such as development and implementation of individual education and transition plans, scheduling, and working with paraprofessionals.
View course details in MyPlan: T EDSP 551

T EDSP 556 Social and Emotional Learning (3)
Prepares teacher to meet the social and emotional needs of primary and secondary students. Provides in-depth exploration of theory and practice including evidence-based assessment and supports across the universal, targeted, and intensive levels of prevention. Geared toward teachers interested in working with students who lack critical skills necessary for resiliency. Offered: jointly with T EDUC 556; Sp.
View course details in MyPlan: T EDSP 556

T EDSP 583 Induction Seminar II (3)
Focus on research supporting and reflection on the evaluation criteria for Washington State teachers. Credit/no-credit only. Offered: jointly with T EDUC 583; W.
View course details in MyPlan: T EDSP 583

T EDSP 584 Induction Seminar III (3)
Focuses on continued induction for beginning teachers including reviewing the research supporting and reflection on the evaluation criteria for Washington State teachers. Credit/no-credit only. Offered: jointly with T EDUC 584; Sp.
View course details in MyPlan: T EDSP 584

T EDSP 587 Special Education Field Experience and Reflective Seminar I (1-5, max. 5)
Observation and evaluation of research-based practices in assigned public school classrooms under University supervision with accompanying guided inquiry into the nature and social context of teaching and learning. Reflective seminar component draws heavily upon observations and experiences from interns' site placements.
View course details in MyPlan: T EDSP 587

T EDSP 588 Special Education Field Experience and Reflective Seminar II (1-5, max. 5)
Observation and participation practicum in assigned public school classrooms under University supervision with accompanying guided inquiry into the nature and social context of teaching and learning. Reflective seminar integrates evidence-based practices with experiences from interns' site placements. Prerequisite: T

EDSP 587.
View course details in MyPlan: T EDSP 588

T EDSP 589 Special Education Field Experience and Reflective Seminar III (1-12, max. 12)
Culminating classroom internship in assigned public school classrooms under University supervision with accompanying guided inquiry into the nature and social context of teaching and learning. Experiences in the site placements focus on synthesis of planning, management, teaching and assessment of the learning environment. Prerequisite: T EDSP 588 or permission of instructor. Credit/no-credit only.
View course details in MyPlan: T EDSP 589

T EDSP 590 Special Education Reflective Seminar (1-3, max. 3)
Provides guided inquiry into the nature and social context of teaching and learning in the special education classroom, as contrasted with the more pragmatic content of other components of the Teacher Certification Program.
View course details in MyPlan: T EDSP 590

T EDSP 591 Special Topics in Education (1-9, max. 9)
Offered: jointly with T EDUC 591.
View course details in MyPlan: T EDSP 591

T EDSP 592 Independent Study (1-9, max. 9)
Faculty-supervised independent study or readings in areas of education of special interest or need to the student. Topics vary. Prerequisite: permission of instructor and approved program of study or readings. Offered: jointly with T EDUC 592.
View course details in MyPlan: T EDSP 592

T EDSP 594 Special Education Seminar II: Collaboration In The Education Community (3)
Explores several avenues to successful collaborative problem-solving approaches to meeting the needs of students with disabilities who are receiving their instruction in the general-education classroom.
View course details in MyPlan: T EDSP 594

T EDSP 595 Induction Seminar For Special Educators (3)
Analyzes retention issues affecting beginning special education teachers. Synthesizes research-based skills and knowledge. Evaluates procedures for finding a mentor and best practices for long-term success. Examines support systems for special educators with regard to expectations of schools, legal expectations, and the needs of students in today's K-8 schools.
View course details in MyPlan: T EDSP 595

School of Engineering & Technology

CIVIL ENGINEERING

TCE 291 Engineering and Technology Seminar (2, max. 6)
Enhances leadership skills for success in collaborative, diverse, and dynamic professional environments for engineering and technology students. The course offers a comprehensive exploration of leadership concepts through interactive methods such as lectures, group discussions, case studies, and hands-on activities. Credit/no-credit only.
View course details in MyPlan: TCE 291

TCE 304 Civil Engineering Systems (3)
Introduces a systems-level approach to the civil engineering profession with examples drawn from urban infrastructure, including transportation, water, energy, and safety. Emphasis will be placed on understanding both the historical context of civil engineering systems and innovative responses to emerging challenges, including energy transitions and climate change. Course overlaps with: CEE 390.
View course details in MyPlan: TCE 304

TCE 305 Computer Aided Design for Civil Engineers (3)
Provides an introduction to engineering drafting and graphical communication. Includes application of drafting standards and structure as well as creating and modifying basic drawings in 2D and 3D drafting in AutoCAD. Introduces reading plan sets and creating portions of plan sets applied to civil and environmental engineering fields. Course overlaps with: CEE 291.
View course details in MyPlan: TCE 305

TCE 307 Construction Engineering (5)
Introduces construction engineering including construction methods, contracts, project delivery methods, plan and specifications, scheduling, estimating, productivity, environmental regulations, safety and green construction. Uses scheduling and estimating software tools and emphasizes communication of engineering information. Course equivalent to: CEE 307.
View course details in MyPlan: TCE 307

TCE 309 Geographic Information Systems for Civil Engineers (4)
Covers GIS in civil engineering applications. Topics covered include geographic and spatial data types and acquiring considerations, data models and structures, projections and transformations, attribute-based operation and spatial operations, and surfaces and near neighbors. Course overlaps with: CEE 424.
View course details in MyPlan: TCE 309

TCE 327 Transportation Engineering (5)
Introduces vehicle dynamics, geometric design traffic flow concepts, level of service analysis, traffic signal control, and travel demand forecast methods. Additional topics such as pavement design, safety, public transit, and intelligent transportation systems will also be presented. Course equivalent to: CEE 327.
View course details in MyPlan: TCE 327

TCE 337 Construction Materials (5)
Covers the physical and mechanical properties and engineering behavior of metallic and nonmetallic materials. Steel, aluminum, aggregates, Portland cement concrete, bituminous materials, asphalt concrete, wood. Sustainability issues including recycling, energy requirements, and greenhouse gas production associated with

the materials. Course equivalent to: CEE 337. Course overlaps with: CM 313 and CM 323.
View course details in MyPlan: TCE 337

TCE 347 Fluid Mechanics (5)
Introduces the mechanics of incompressible fluids and their applications. Hydrostatic pressure forces. Kinematics, potential flows, and the Bernoulli equation. Conservation of mass, momentum, and energy. Laminar and turbulent flows. Flow in pipes, pipe networks, and open channel flows. Course overlaps with: TME 332; CEE 347; M E 333; and B ME 332.
View course details in MyPlan: TCE 347

TCE 357 Environmental Engineering (5)
Describes water and air resources, parameters that characterize their quality, and how their use alters their properties. Study elements of hydrology, mass and energy balances as applied to environmental systems, global environmental change. Learn about basics of aquatic chemistry and microbiology applied to municipal water and wastewater treatment operation including groundwater contamination and treatment. Course equivalent to: CEE 357. Prerequisite: a minimum of grade of 2.0 in TCE 347.
View course details in MyPlan: TCE 357

TCE 367 Geotechnical Engineering (5)
Covers fundamental engineering properties of soil and rock; depositional processes and physical characteristics, hydro-conductive properties and advective flow; volume change characteristics including short-term and long-term deformation; shear strength properties; and applications of basic concepts to practical problems such as foundation design and slope stability. Includes Laboratory. Course equivalent to: CEE 367.
View course details in MyPlan: TCE 367

TCE 377 Introduction to Structural Analysis (5)
Analysis and design of basic structural forms such as beams, trusses, and frames. Classical deflection techniques such as direct integration and virtual work; indeterminate analysis techniques such as the force method and displacement methods are used to determine forces and deflections in elastic structures. Structural analysis computer programs are introduced and directly applied in the solution of graded analysis and design problems. Course equivalent to: CEE 377.
View course details in MyPlan: TCE 377

TCE 390 Undergraduate Seminar in Civil Engineering (2)
Enhances problem-solving skills. Includes lectures and problem sessions in mathematics, programming, problem solving and Civil Engineering applications. Credit/no-credit only.
View course details in MyPlan: TCE 390

TCE 401 Engineering Project Management (3)
Provides engineering students with a comprehensive understanding of how to plan, optimize and efficiently manage projects (or tasks) to implement products, services or developments. This includes building the structure, processes, components and linkages with a team for successful project delivery within schedule, budget and quality requirements.
View course details in MyPlan: TCE 401

TCE 402 Fundamentals of Engineering Exam Review (1)
Review of core requirements including: engineering math, probability and statistics, computational tools, economics and ethics. Review of civil engineering fundamentals including statics, dynamics, mechanics of materials, materials, and fluid mechanics. Review of core civil engineering areas. Testing of student competence in all these topics. Credit/no-credit only.
View course details in MyPlan: TCE 402

TCE 411 Traffic Engineering (4)
General review of the fundamentals of traffic engineering, including their relationship to transportation operations management and planning, with emphasis on calculations and procedures in the Highway Capacity Manual. Course overlaps with: CEE 410. Prerequisite: a minimum grade of 2.0 in TCE 327.
View course details in MyPlan: TCE 411

TCE 416 Urban Transportation Modeling (4)
Overview of the urban transportation planning process, estimation of the travel demand models of trip generation, trip distribution, mode choice, and traffic assignment, and the forecasting of travel patterns using travel-demand models. Course overlaps with: CEE 416. Prerequisite: a minimum grade of 2.0 in TCE 327; and a minimum grade of 2.0 in TME 351.
View course details in MyPlan: TCE 416

TCE 417 Geometric Design of Highways and Streets (4)
Covers the principles and procedures for the geometric design of highways and streets, consideration of traffic, land use, and aesthetic factors. A combination of classroom presentations and design tasks will be used to present the materials. Some of the classes will be utilized to demonstrate the use of a software to design and prepare drawings of a realistic roadway design project. Prerequisite: a minimum grade of 2.0 in TCE 327.
View course details in MyPlan: TCE 417

TCE 429 Sustainability in Building Infrastructure (4)
Introduction to the latest planning methods and regulatory requirements; green building assessment systems. Leadership in Energy and Environmental Design (LEED) focus; Interdisciplinary aspect of green building design process (including sustainable site, water efficiency, energy efficiency, indoor environmental qualities, and innovations) and green building implementation through operations and green building economics. Course overlaps with: CEE 429. Prerequisite: a minimum grade of 2.0 in TCE 307.
View course details in MyPlan: TCE 429

TCE 436 Foundation Design (4)
Covers fundamental principles of geotechnical foundation design including site investigations, selection of foundation types, performance requirements, stability and settlement of deep and shallow foundations, post-liquefaction foundation analysis, ground improvements, and stability of earth-retaining structures. Course overlaps with: CEE 436. Prerequisite: a minimum grade of 2.0 in TCE 367.
View course details in MyPlan: TCE 436

TCE 451 Design of Metal Structures (4)
Introduction to the design and behavior of metal structures using Load And Resistance Factor Design (LRFD) concepts. Application of design methods and codes to columns, beams, frames, connections, and tension members. Course overlaps with: CEE 451. Prerequisite: a minimum grade of 2.0 in TCE 377.
View course details in MyPlan: TCE 451

TCE 452 Design of Reinforced Concrete Structures (4)
Covers fundamentals of design of buildings in reinforced concrete in accordance with current codes and practices. Course overlaps with: CEE 452. Prerequisite: a minimum grade of 2.0 in TCE 377.
View course details in MyPlan: TCE 452

TCE 473 Hydraulic Engineering and Hydrology (5)
Covers basic engineering hydrology including precipitation, infiltration, runoff, flood routing, statistical measures and water resources planning. Design of water distribution systems, pipe networks, and open channels; selection of pumps and turbines; hydraulics of wells. Prerequisite: a minimum grade of 2.0 in TCE

347.
View course details in MyPlan: TCE 473

TCE 480 Air Pollution Control (4)
Covers fundamental concepts of air pollution control including emission sources, atmospheric dispersion, ambient concentrations, and emission standards, with emphasis on processes and equipment for controlling emissions. Course overlaps with: CEE 494/CHEM E 468/M E 468. Prerequisite: a minimum grade of 2.0 in TCE 357.
View course details in MyPlan: TCE 480

TCE 482 Water Quality Engineering (4)
Topics covered in the course are water quality criteria and fundamentals of acceptability, natural purification of surface waters, processes employed in the treatment of water and wastewater. Prerequisite: a minimum grade of 2.0 in TCE 357.
View course details in MyPlan: TCE 482

TCE 484 Sustainable Environmental Systems (4)
Provides students with concepts and tools in systems thinking and modeling for planning and managing environmental engineering systems. Qualitative and quantitative system dynamics modeling are applied within the context of case studies at various spatial scales focusing on water quality and treatment, water resources management, and environmental health. Prerequisite: a minimum grade of 2.0 in TCE 357.
View course details in MyPlan: TCE 484

TCE 488 Senior Project I (2)
Covers the preparation for conducting the senior project systems analysis and design, and implementation, testing, and delivery. Includes case studies of engineering projects. Prerequisite: a minimum grade of 2.0 in TCE 327; a minimum grade of 2.0 in TCE 357; and a minimum grade of 2.0 in TCE 377.
View course details in MyPlan: TCE 488

TCE 489 Senior Project II (5)
Project teams will implement, test, and deliver project deliverables (product), completing the Senior Design requirement for the degree. Prerequisite: a minimum grade of 2.0 in TCE 488.
View course details in MyPlan: TCE 489

TCE 490 Topics in Civil Engineering (1-5, max. 5)
Examines current topics and issues associated with civil engineering.
View course details in MyPlan: TCE 490

TCE 497 Internship in Civil Engineering (1-5, max. 5)
Gives experience working in a real-world environment. Demonstrates how engineering processes are conducted within an organization. Prerequisite: a minimum of 2.0 in either TCE 307, TCE 327, TCE 357, or TCE 367.
View course details in MyPlan: TCE 497

TCE 498 Directed Readings in Civil Engineering (1-5, max. 5)
Facilitates pursuit of knowledge in a specific area through readings of technical publications as specified in an agreement with the faculty supervisor.
View course details in MyPlan: TCE 498

TCE 499 Undergraduate Research in Civil Engineering (1-5, max. 5)
Provides opportunities to pursue research in an area that is of interest. Gives experience specifying, designing,

implementing, and evaluating a research project.
View course details in MyPlan: TCE 499

COMPUTER SCIENCE & SYSTEMS

TCSS 101 Computer Science Principles (5) NSc, RSN
Introduces fundamental concepts of computer science and computational thinking. Includes logical reasoning; problem solving; operation of computers and networks; effective searching; and ethical, legal, and social aspects of information technology. Course overlaps with: CSE 110.
View course details in MyPlan: TCSS 101

TCSS 141 Programming for All (5)
Introduces programming fundamentals for students with no prior programming experience. Includes design and implementation of small programs using algorithmic thinking, problem solving and program structures. Recommended: a minimum grade of 2.0 in either TMATH 116, TMATH 120, or MATH 120, a score of 120-180 on MPT-AS test, or a score of 2 on AP MATH exam (AB or BC).
View course details in MyPlan: TCSS 141

TCSS 142 Programming Principles (5) NSc, RSN
Introduces the design and implementation of procedural programs. Includes an introduction to program structure, data types, arrays, and objects. Prior experience in programming is expected. Course equivalent to: CSS 142. Course overlaps with: CSE 121; CSE 142; CSS 112; and CSS 132. Prerequisite: a minimum grade of 2.0 in either TMATH 116, TMATH 120, TMATH 124, TMATH 125, MATH 120, MATH 124, or MATH 125, a score of 120-180 on MPT-AS test, or 2 on AP Computer Science exam A. Offered: AWSp.
View course details in MyPlan: TCSS 142

TCSS 143 Fundamentals of Object-Oriented Programming Theory and Application (5) NSc, RSN
Develops fundamental concepts and techniques for analysis, design, and implementation of computer programs using an object-oriented language. Includes recursive techniques, use of abstract data types (ADTs), and introduction to simple data structures. Course equivalent to: CSE 143 and CSS 143. Course overlaps with: T INFO 473; CSE 122; CSE 123; CSS 123; and CSS 133. Prerequisite: a minimum grade of 2.0 in either TCSS 142, CSE 142, or CSE 121.
View course details in MyPlan: TCSS 143

TCSS 241 Python Programming (2)
Introduces Python as a programming language to students who are proficient in another high-level programming language. Prerequisite: a minimum grade of 2.0 in TCSS 143.
View course details in MyPlan: TCSS 241

TCSS 242 JavaScript Programming (2)
Introduces JavaScript as a programming language to students who are proficient in another high-level programming language. Prerequisite: a minimum grade of 2.0 in TCSS 143.
View course details in MyPlan: TCSS 242

TCSS 243 C# Programming (2)
Introduces C# as a programming language to students who are proficient in another high-level programming language. Prerequisite: a minimum grade of 2.0 in TCSS 143.
View course details in MyPlan: TCSS 243

TCSS 244 C++ Programming (2)
Introduces C++ as a programming language to students who are proficient in another high-level programming

language. Prerequisite: a minimum grade of 2.0 in TCSS 143.
View course details in MyPlan: TCSS 244

TCSS 305 Programming Practicum (5) NSc, RSN
Provides a practicum in program design and development. Programming practice on a medium-scale, object-oriented application, consolidating prior programming principles and expanding knowledge of application design.
View course details in MyPlan: TCSS 305

TCSS 321 Discrete Structures I (5) NSc, RSN
Introduces definitions and tools for reasoning about discrete mathematical objects useful for computer professionals, including set theory, propositions and predicates, Boolean algebra, sequences, enumeration, algorithms, methods of proof, and relations. Course equivalent to: CSE 321.
View course details in MyPlan: TCSS 321

TCSS 322 Discrete Structures II (5)
Covers advanced topics in discrete mathematics useful for computing professionals, including basic counting techniques, discrete probability, recurrence relations, graphs, trees, and models of computation such as finite state machines and Turing machines. Prerequisite: a minimum grade of 2.0 in TCSS 321 and either TMATH 110 or TMATH 390.
View course details in MyPlan: TCSS 322

TCSS 325 Computers, Ethics, and Society (5) SSc/A&H
Analyzes social, political, and ethical implications of computer and information technologies. Covers Western ethical theories, professional ethics, and diverse topics in computer ethics. Emphasizes writing and the construction of ethical arguments. Course overlaps with: CSS 315.
View course details in MyPlan: TCSS 325

TCSS 333 C for System Programming (5)
Introduces C as a language for exploring low-level machine characteristics and interacting with operating system services. Includes bit models for numeric data, pointers, arrays and structures, memory allocation, development of multiple file programs, libraries, system calls, and tools for compiling and linking. Course overlaps with: CSE 333.
View course details in MyPlan: TCSS 333

TCSS 342 Data Structures (5) RSN
Covers data structures and classical algorithms with an emphasis on implementing them in high-level programming languages. Includes sequential and linked lists, binary trees, heaps, B-trees, hash tables, graphs, and algorithms for searching and sorting. Concentrates on developing implementations, understanding their performance, and estimating their potential effectiveness in applications. Prerequisite: minimum grade of 2.0 in either TCES 203 or TCSS 305; and TCSS 321.
View course details in MyPlan: TCSS 342

TCSS 343 Design and Analysis of Algorithms (5) NSc
Develops competencies associated with problem-solving, algorithms, and computational models. Explores algorithms analysis and design, and computational complexity. Includes efficient algorithms, models of computation, correctness, time and space complexity, NP-complete problems, and undecidable problems. Prerequisite: minimum grade of 2.0 in TCSS 342
View course details in MyPlan: TCSS 343

TCSS 360 Software Development and Quality Assurance Techniques (5) NSc
Covers how to build quality software using standard development practices and representations. Includes writing and using requirements, designing and representing computational units, rigorous program testing, reviews and inspections, and working effectively in teams. Prerequisite: a minimum grade of 2.0 in TCSS 342; 10 credits of writing coursework.
View course details in MyPlan: TCSS 360

TCSS 371 Machine Organization (5)
Develops the hardware basis for computing systems, and the relationship between hardware and software. Covers number representations, digital logic, machine organization, instruction set architecture, assembly language, and an introduction to the translation of high-level languages into assembly instructions. Offered: AWSp.
View course details in MyPlan: TCSS 371

TCSS 372 Computer Architecture (5)
Covers the microarchitecture level of machine design and advanced architecture features for perform enhancement. Topics include computer performance measures, microarchitecture instructions, CPU design (datapath, pipelines, control unit, instruction parallelism), memory hierarchy, cache memory, virtual memory, parallel processing and multicore architectures. Prerequisite: a minimum grade of 2.0 in TCSS 371.
View course details in MyPlan: TCSS 372

TCSS 380 Fundamentals of Programming Language Concepts (5)
Introduces fundamental programming language concepts common to all programming languages, including abstraction mechanisms, types, scoping, binding, control flow, subprograms, and concurrency. Compares imperative and declarative models using multiple programming languages. Examines implementation strategies, memory model, and programming environments. Course overlaps with: CSE 341. Prerequisite: a minimum grade of 2.0 in TCSS 342; and a minimum grade of 2.0 in TCSS 371.
View course details in MyPlan: TCSS 380

TCSS 390 Undergraduate Seminar in CSS (2, max. 12)
Enhances problem-solving skills. Topics and approaches vary. Includes lectures and problem sessions in mathematics, programming, problem solving, and CSS applications. Does not carry credit toward the CSS degree Credit/no-credit only.
View course details in MyPlan: TCSS 390

TCSS 391 Development with Game Engines (5)
Studies the fundamentals of 3D games and interactive multimedia application development using industrial game engines. Topics include camera setup, player control, tween and skeleton-based animation, non-player character behaviors, interaction design, user interface implementation, level design, visual and audio effects, shader, save and load systems, and multi-language localization. Prerequisite: a minimum grade of 2.0 in TCSS 305.
View course details in MyPlan: TCSS 391

TCSS 421 Compiler Construction (5)
Develops student understanding of how compliers translate high level programming languages into assembly language. Includes specifying programming language syntax, building data structures, generating assembly code, and implementing a complier for a small high-level language. Prerequisite: minimum grade of 2.0 in both TCSS 342 and TCSS 371.
View course details in MyPlan: TCSS 421

TCSS 422 Computer Operating Systems (5) RSN
Examines the fundamental concepts of operating systems and how they function. Includes process management, file systems, concurrency, inter-process communication, graphical interfaces, and security. Prerequisite: minimum grade of 2.0 in TCSS 372; and minimum grade of 2.0 in TCSS 380.
View course details in MyPlan: TCSS 422

TCSS 430 Networking and Distributed Systems (5)
Computer network architectures and protocol layers, including LANs, MANs, and WANs; OSI protocol TCP/IP, routing, congestion, and flow control; data compression; interface between the network and the program (e.g., sockets, ports, mailboxes), security issues (including authentication and authorization, encryption), distributed file systems, and remote procedure calls. Course overlaps with: T INFO 250 and CSS 431. Prerequisite: a minimum grade of 2.0 in TCSS 360; a minimum grade of 2.0 in TCSS 422.
View course details in MyPlan: TCSS 430

TCSS 431 Network Security (5)
Covers cryptographic methods including public and private key algorithms. Examines protocols that utilize such methods, such as secure email, digital signatures, authorization, e-voting, and electronic cash. Includes lab component for demonstration of security techniques such as firewalls, intrusion detection systems, and virtual private networks. Prerequisite: a minimum grade of 2.0 in TCSS 321 and TCSS 325
View course details in MyPlan: TCSS 431

TCSS 435 Artificial Intelligence and Knowledge Acquisition (5)
Introduction to the uses of intelligence theories, techniques, and tools. Foundational material includes search, knowledge representation, machine learning, and planning. Artificial intelligence techniques applied to practical problems in areas such as control systems, optimization, scheduling, and classification. Course overlaps with: CSE 415; CSE 416/STAT 416; CSE 473; CSS 382; and CSS 486. Prerequisite: a minimum grade of 2.0 in TCSS 343.
View course details in MyPlan: TCSS 435

TCSS 437 Mobile Robotics (5)
Explores algorithmic design options for motion control, navigation, and obstacle avoidance in mobile autonomous robots. Introduces pertinent principles from artificial intelligence and embedded real-time systems. Students construct robots from kits and program them to demonstrate sophisticated behaviors. Prerequisite: a minimum grade of 2.0 in TCSS 360; a minimum grade of 2.0 in TCSS 422.
View course details in MyPlan: TCSS 437

TCSS 440 Formal Models in Computer Science (5)
Covers languages, finite automata, regular expressions, context-free grammars, and other automata such as pushdown store machines and Turing machines. Includes models of computation, computable and non-computable functions, non-determinism, space and time complexity, tractable and intractable functions, non-determinism, space and time. Prerequisite: a minimum grade of 2.0 in TCSS 342.
View course details in MyPlan: TCSS 440

TCSS 445 Database Systems Design (5) RSN
Fundamental concepts, system organization, and implementation of database systems. Methods for obtaining requirements and designing database systems; differences between hierarchical, relational, and network database designs; file organizations and data structures; structured query language (SQL); query optimization; database design; concurrency control; security; issues involving distributed database systems. Prerequisite: a minimum grade of 2.0 in TCSS 342.
View course details in MyPlan: TCSS 445

TCSS 446 Database Systems Internals (5)
Covers the internals of a database system and the principles of building a database engine, including buffer management, query execution and optimization, and transaction management. Provides hands-on experience on the internals of one of the commercial database management systems as a case study. Course overlaps with: CSE 444. Prerequisite: TCSS 445.
View course details in MyPlan: TCSS 446

TCSS 450 Mobile Application Programming (5)
Covers mobile programming principles. Explores application life cycle, user interfaces, data management, security basics, memory management, localization, and web services. Prerequisite: a minimum grade of 2.0 in TCSS 360.
View course details in MyPlan: TCSS 450

TCSS 452 Human-Computer Interaction (5)
Examines human-centered design of interactive systems. Focuses on understanding user needs, brainstorming, sketching, choosing from among design alternatives, prototyping, usability testing, representing, communicating, and critiquing designs. Prerequisite: a minimum grade of 2.0 in TCSS 325; and either a minimum grade of 2.0 in TCSS 305, or a minimum grade of 2.0 in T INST 312.
View course details in MyPlan: TCSS 452

TCSS 455 Introduction to Machine Learning (5)
Introduces methods for supervised and unsupervised machine learning, such as decision trees, random forests, boosted decision trees, logistic regression, neural networks, deep learning, clustering, and association rule mining. Course overlaps with: TSTAT 336 and CSE 416/STAT 416. Prerequisite: a minimum grade of 2.0 in TCSS 343.
View course details in MyPlan: TCSS 455

TCSS 456 Introduction to Natural Language Processing (5)
Introduces fundamentals concepts and algorithms in Natural language Processing (NLP). Includes relevant background material in linguistics, mathematics, probability theory, and computer science. Covers text similarly, part of speech tagging, parsing, semantics, question answering, sentiment analysis, and text summarization. Course overlaps with: CSE 447 and CSS 488. Prerequisite: a minimum grade of 2.0 in TCSS 343.
View course details in MyPlan: TCSS 456

TCSS 458 Computer Graphics (5) NSc
Introduction to the main concepts in image synthesis, modeling, and animation. Topics include displays, drawing and rendering algorithms, geometric transformations, 2- and 3D viewing, objects representation, and computer animation. Prerequisite: a minimum grade of 2.0 in TCSS 342.
View course details in MyPlan: TCSS 458

TCSS 460 Client/Server Programming for Internet Applications (5)
Examines the languages and techniques for internet client/server application programming. Includes languages like CGI, Perl, XML, JavaScript, and DHTML, and topics like scripts, queries, forms, data access, redirection, firewalls, proxies, hypermedia, cookies, and gateways. Prerequisite: a minimum grade of 2.0 in TCSS 360.
View course details in MyPlan: TCSS 460

TCSS 461 Advanced Software Engineering (5)
Analyzes system re-engineering, domain-specific languages, generative development, system design and service-oriented architecture. Also covers how to handle legacy systems, utilize model driven software development to automate code generation and understand low to high level architectures, by using software

engineering methodologies, refactoring, UML, and the Eclipse framework. Prerequisite: TCSS 360.
View course details in MyPlan: TCSS 461

TCSS 462 Cloud Computing (5)
Provides a broad overview of topics associated with cloud computing including fundamental principles, service delivery models, foundational and enabling technologies, architecture, design, and virtualization technology. Understanding and mastery is supported through hands-on tutorials, case studies, and a term project. Course overlaps with: CSS 436. Prerequisite: a minimum grade of 2.0 in TCSS 360.
View course details in MyPlan: TCSS 462

TCSS 465 Embedded Real-Time System Programming (5)
An examination of particular theory and practice in designing software embedded in electronic devices and controllers. Includes clocks, threads, multitasking, critical sections, monitors, scheduling, on chip and external device interfacing, communications, and fault tolerance. Prerequisite: a minimum grade of 2.0 in TCSS 422.
View course details in MyPlan: TCSS 465

TCSS 471 Digital Technology and Law (5) SSc
Overview of technology policy and how design is shaped by and shapes technology law. Provides policy practitioner perspectives on issues such as copyright, cybersecurity, net neutrality, privacy, online safety, and artificial intelligence. Gives the ethical context of digital engineering practitioners, and provides principles and realities of policy practitioners. Prerequisite: a minimum grade of 2.0 in either TCSS 325 or TEE 225.
View course details in MyPlan: TCSS 471

TCSS 478 Fundamentals in Bioinformatics (5)
Introduces basic concepts and techniques used in the analysis of biological data, as well as applications of computational techniques in biological applications. Students will learn biology concepts and vocabulary. The programming language R primarily will be used. Prerequisite: TCSS 343; recommended: No background in biology is required.
View course details in MyPlan: TCSS 478

TCSS 480 Comparative Programming Languages (5)
Study and comparison of several programming languages in regards to data structures, operations, notation, and control. Examines programming paradigms, implementation strategies, programming environments, and programming style. Prerequisite: minimum grade of 2.0 in both TCSS 342 and TCSS 333.
View course details in MyPlan: TCSS 480

TCSS 481 Computer Security (5)
Discusses the theoretical and practical issues surrounding computer security and data protection. Explores formal models of encryption and authentication; operating system and network security; programming and vulnerabilities analysis. Prerequisite: a minimum grade of 2.0 in TCSS 325; and a minimum grade of 2.0 in TCSS 342.
View course details in MyPlan: TCSS 481

TCSS 483 Secure Coding Principles (5)
Covers how to code defensively so software is resistant to attack. Examines input validation tools and techniques, cryptography tools to secure sensitive data, how to mitigate common web-based attacks, defense against different types of injection attacks, threat modeling and assessment, and current trends and events in software security. Course overlaps with: CSS 477. Prerequisite: a minimum grade of 2.0 in TCSS 342; and a minimum grade of 2.0 in TCSS 371.
View course details in MyPlan: TCSS 483

TCSS 487 Cryptography (5)
Covers basic concepts of cryptography, including authentication, public key cryptography, and digital signatures. Additionally, it covers modern definitions of security, implementation aspects of cryptographic schemes and their use in computer networks and the internet. Prerequisite: a minimum grade of 2.0 in either TCSS 321, TMATH 300, or TMATH 308.
View course details in MyPlan: TCSS 487

TCSS 488 Coding Theory (5)
Covers electronic communication over noisy channels, and digital storage on various types of media. Describes constructions of modern error-correction codes, including Reed Solomon, Golay, and BCH codes. Also covers computational aspects, complexity of encoding/decoding algorithms, their implementations and their uses in modern communication systems. Prerequisite: minimum grade of 2.0 in TMATH 308 or TCSS 321.
View course details in MyPlan: TCSS 488

TCSS 490 Special Topics in Computing and Software Systems (5, max. 10) RSN
Examines current topics and issues associated with computing and software systems.
View course details in MyPlan: TCSS 490

TCSS 491 Game and Simulation Design (5)
Develop large-scale software projects integrating elements from advanced visualization, real-time interaction, artificial intelligence, networking, and databases with diverse student teams. The software project is self-designed and self-directed by the student team, typically in the area of game design, but potentially from other areas of simulation. Prerequisite: a minimum grade of 2.0 in TCSS 360.
View course details in MyPlan: TCSS 491

TCSS 496 Portfolio Based Learning (1-3, max. 6)
Create a portfolio that spans across the junior and senior years of bachelor's degree to capture the learning from the program's coursework, emphasizing ties in the learning with the overall career goal. Work with other students in the cohort on projects to build team portfolios. Embark on field trips and interact with invited industry and career professionals to explore non-traditional Computer Science pathways or careers. Offered: AWSp.
View course details in MyPlan: TCSS 496

TCSS 497 Internship in Computing and Software Systems (1-10, max. 10)
Gives experience in applying computer science theory and software development fundamentals to degree-related, professional work environment. Develops skills not easily gained elsewhere in the CSS curriculum. Based on the project delineated in a contract between student, faculty advisor, and industry sponsor. Prerequisite: a minimum grade of 2.0 in TCSS 342.
View course details in MyPlan: TCSS 497

TCSS 498 Directed Readings in Computing and Software Systems (1-5, max. 10)
Readings as specified in agreement with faculty. Prerequisite: TCSS 360.
View course details in MyPlan: TCSS 498

TCSS 499 Undergraduate Research in Computing and Software Systems (1-10, max. 10)
Design and implementation of a research study as specified in a contract with faculty. Prerequisite: TCSS 360.
View course details in MyPlan: TCSS 499

TCSS 501 Analysis of Algorithms and Data Structures (3)
Introduces techniques in algorithm analysis and data structures including time space complexity, and big O notation. Introduces fundamental data structures: array lists, linked lists, queues, stacks, trees and hash tables

and algorithms for sorting, selection, binary search and recursion with emphasis on implementation in a high-level programming language. Prerequisite: TCSS 142 and TCSS 143, or equivalent.
View course details in MyPlan: TCSS 501

TCSS 502 Object Oriented Programming (3)
Introduces object-oriented programming (OOP) skills and best practices in software design including concepts of inheritance, encapsulation, abstraction, polymorphism, and software design patterns. Topics covered in algorithm analysis techniques and data structures course will be leveraged in projects. Prerequisite: TCSS 142 and TCSS 143, or equivalent.
View course details in MyPlan: TCSS 502

TCSS 503 Algorithms and Problem Solving for Software Developers (3)
Introduces advanced data structures and key algorithmic techniques used in solving software engineering problems, such as trees, graphs, breadth/depth first searches, divide and conquer, greedy algorithms and dynamic programming. Learn how to analyze a problem and incorporate advanced data structures into the software implementations. Prerequisite: TCSS 501 and TCSS 502.
View course details in MyPlan: TCSS 503

TCSS 504 Software Engineering and Development Techniques (3)
Presents the principles and theory of software engineering and development including: requirements analysis, design and prototyping, system analysis, testing, project and version management, software and system metrics, and software development processes and lifecycles. Prerequisite: TCSS 501 and TCSS 502.
View course details in MyPlan: TCSS 504

TCSS 505 Systems Programming (3)
Examines the fundamental concepts of modern operating systems and how they function. Topics covered include processes, threads, memory management, process scheduling, file systems, virtual machines and software containers. Covers the basics of the Linux operating system, bash commands, scripting, and systems programming. Prerequisite: TCSS 503 and TCSS 504.
View course details in MyPlan: TCSS 505

TCSS 506 Practical Full Stack Development (3)
Features an extended software engineering team project creating a web-based or service-oriented application. Includes topics such as databases, cloud computing, web services architectures and development. Prerequisite: TCSS 503 and TCSS 504.
View course details in MyPlan: TCSS 506

TCSS 510 Enterprise Architecture Foundations (5)
Examines foundational aspects of both enterprise and architectural thinking, including the application software to technology to solution architecture continuum, the role of EA in business and IT alignment, architectural styles and techniques for capturing and documenting architectures. Practices techniques for analyzing and reasoning about architectures.
View course details in MyPlan: TCSS 510

TCSS 511 Advanced Enterprise Architecture (5)
Examines advanced aspects of enterprise architecture practices and its application to guide and support business strategy. An EA maturity framework and governance practices are developed through a case study on applying evolving technologies - cloud, mobile, social media, big data in the EA context to solve business problems. Prerequisite: TCSS 510.
View course details in MyPlan: TCSS 511

TCSS 531 Cloud and Virtualization Systems Engineering (5)
Provides an introduction to cloud computing and virtualization - enabling multiple instances of operating systems to be run on a single physical system. Concepts include hypervisors, virtual machines, paravirtualization and virtual appliances for design of cloud computing platforms; server and desktop virtualization; storage, network, and application virtualization.
View course details in MyPlan: TCSS 531

TCSS 535 Artificial Intelligence and Knowledge Acquisition (5)
Covers foundations of artificial intelligence including intelligent agents, problem solving, searching, planning, reasoning under uncertainty and learning.
View course details in MyPlan: TCSS 535

TCSS 540 Theory of Computing (5)
Covers computational models including finite automata, regular expressions, context-free grammars, pushdown automata, Turing machines, and techniques for analyzing them. Basic computability theory and undecidability, computational complexity theory, and NP-completeness.
View course details in MyPlan: TCSS 540

TCSS 543 Advanced Algorithms (5)
Prepares students for analysis and use of advanced algorithms. Covers advanced graph, number theoretical (with applications to cryptography), one-line, approximation (with performance guarantees), and probabilistic algorithms. Covers turing machines and NP-completeness. Not available for elective credit.
View course details in MyPlan: TCSS 543

TCSS 544 Applied Linear Algebra (5)
Examines math concepts on linear algebra and linear transformation, and subjects on singular value decomposition, Fourier transforms, Wavelet transforms, and other topics. Students apply these math concepts and implement numerical solutions to problems in areas including pattern recognition, information retrieval, web search, image processing, cryptography, and machine learning.
View course details in MyPlan: TCSS 544

TCSS 545 Database Systems Design (5)
Covers fundamental database concepts; relational databases; conceptual data modeling; entity relational diagrams and UML; logical and physical design; SQL commands and queries; query optimization; Web database applications development; transaction management; distributed and object-oriented databases; data warehousing and data mining; XML query language; image and text retrieval; data storage; and indexing.
View course details in MyPlan: TCSS 545

TCSS 551 Big Data Analytics (5)
Examines a variety of techniques to perform data analytics and their extensions to big data infrastructure. Students will be able to identify mathematical foundations of data analytics, data analyses algorithms and tools. Introduces big data infrastructure, distributed computational paradigm, and distributed data analytics algorithms. Prerequisite: minimum grade of 3.0 in TCSS 343 and TCSS 445 or equivalent.
View course details in MyPlan: TCSS 551

TCSS 552 Interaction Design (5)
Examines the design of interactive products and services supporting human activity in a variety of settings. Focuses on user inquiry, sketching, prototyping, brainstorming, and usability testing. Cultivates reflective practice within a human-centered design paradigm.
View course details in MyPlan: TCSS 552

TCSS 554 Information Retrieval and Web Search (5)
Examines the basic principles and techniques used in information retrieval (IR) and web search, including keyword based search, content analysis (vector space model, probabilistic language models), link analysis (PageRank), indexing, text classification, document clustering, aggregated search, user-system interaction in IR, and evaluation of IR systems.
View course details in MyPlan: TCSS 554

TCSS 555 Machine Learning (5)
Explores learning and predictive modeling methods for data analysis, such as decision trees, instance based earning, Baysian learning, neural networks, ensemble methods, and support vector machines. Surveys fundamental concepts of learning theory.
View course details in MyPlan: TCSS 555

TCSS 556 Advanced Topics in Machine Learning (5)
Focuses on current graduate-level topics and issues associated with machine learning, including theoretical aspects of machine learning techniques as well as hands-on experience in implementing and applying them to real world applications. Prerequisite: either TCSS 555 (or equivalent), or permission from instructor.
View course details in MyPlan: TCSS 556

TCSS 558 Applied Distributed Computing (5)
Covers techniques and concepts associated with constructing software that is distributed, reliable, efficient, and extensible; programming multi-threaded applications, communication among objects on different computers, creating a server accessed by multiple clients, using common object design patterns, locating and tailoring components. Not available for elective credit.
View course details in MyPlan: TCSS 558

TCSS 559 Services Computing (5)
Covers fundamental concepts in the development of distributed software systems, cloud computing and service delivery models and the Service-Oriented Architecture (SOA). Topics include, but are not limited to, Simple Object Access Protocol (SOAP) and Representational State Transfer (REST) service development, microservices, SOA design patterns, service coordination protocol, service composition and performance management.
View course details in MyPlan: TCSS 559

TCSS 562 Software Engineering for Cloud Computing (5)
Presents the principles of software engineering including: requirements analysis, design and prototyping, system analysis, testing, project management, software metrics, processes and lifecycles including Agile and DevOps in the context of the design and development of a distributed cloud based application.
View course details in MyPlan: TCSS 562

TCSS 564 Database Systems Internals (5)
Analyzes the internals of a database system and the principles of building a database engine, including buffer management, query execution and optimization, and transaction management. Provides hands-on experience on the internals of one of the commercial database management systems as a case study. Prerequisite: TCSS 343; TCSS 445.
View course details in MyPlan: TCSS 564

TCSS 565 Spatial Databases with Applications in Geographic Information Systems (5)
Evaluates spatial databases, and focuses on their applications in Geographic Information Systems (GIS). Covers how to describe how to represent, store, index, and process spatial objects and focus on their application in the

field of Geographic Information Systems (GIS). Prerequisite: minimum grade of 3.0 in TCS 343 or equivalent.
View course details in MyPlan: TCSS 565

TCSS 569 Introduction to Cyber-Physical Systems (5)
Covers fundamentals of Cyber-Physical Systems (CPS). In addition to signals and systems, linear transforms and analysis, state machines and how to build models of hybrid systems, the course also introduces basics of embedded systems and the computation models of systems, including both software components and physical dynamics.
View course details in MyPlan: TCSS 569

TCSS 570 Introduction to Parallel Computing (5)
Covers parallel architectures, interconnection networks and embeddings; fundamental communication operations; performance and scalability metrics; parallel programming paradigms, message-passing programming in MPI, and shared-address space programming in threads; parallel algorithms for sorting, searching, matrix problems, graph problems, and dynamic load balancing. Prerequisite: TCSS 543.
View course details in MyPlan: TCSS 570

TCSS 571 Wireless and Mobile Networking (5)
Covers fundamental concepts in emerging wireless and mobile networking technologies. Topics may include networking protocols, wireless and cellular networks and other wireless advanced topics such as vehicular wireless networks, sensing, wireless sensor networks, data fusion and integration, synchronization, routing and localization.
View course details in MyPlan: TCSS 571

TCSS 573 Internet of Things (5)
Examines physical design and logical design of Internet of Things, functional blocks and architecture, protocols and communication models, enabling technologies, application domains specific to Internet of Things, smart objects, development tools, system management, cloud services, security and data analytics.
View course details in MyPlan: TCSS 573

TCSS 574 Cyber Electromagnetics (5)
Covers fundamental of EM Theory. Electromagnetic compatibility and interference. Electromagnetic intrusion and jamming. Electromagnetic hardening. Electromagnetic spectrum management. Electromagnetic Pulses (EMP). Smart-Grid and SCADA Protection. TEMPEST. Recommended: PHYS 122 and PHYS 123 or Electromagnetics Basics.
View course details in MyPlan: TCSS 574

TCSS 575 Control of Cyber-physical Systems (5)
Introduces optimal control theories. Reviews the current state of network control efforts for CPS. Studies recent development of control algorithms for CPS. Focuses on approaches to deliver fully distributed control over wireless sensor networks from control theoretic perspective. Prerequisite: TCSS 569, or permission from the instructor.
View course details in MyPlan: TCSS 575

TCSS 576 Wireless and System Security (5)
Covers fundamental concepts in wireless network security and computer system security. Exposes the students to cutting-edge research results and hands-on experiences in cybersecurity. Topics include but are not limited to: 802.11 standard and its security, and system security evaluation. Course overlaps with: CSS 537 and CSS 538. Prerequisite: TCSS 430.
View course details in MyPlan: TCSS 576

TCSS 578 Virtual Reality (5)
Focuses on research studies of human-computer interactions in virtual reality. Covers a variety of topics related to virtual reality technology, including 3D programming using Unity, virtual reality application domains, interface design issues, research methods, experimental study designs, and writings of virtual reality related human-computer interaction research papers. Recommended: previous coursework in object oriented programming, human-computer interactions, and computer graphics.
View course details in MyPlan: TCSS 578

TCSS 580 Information Theory (5)
Examines entropy and other measures of information; data compression fundamentals and modern algorithms; reliable data transmission; and the channel capacity theorem for discrete memoryless and Gaussian channels. Applications to games of chance, perfect secrecy, and error correction are briefly covered. Prerequisite: TCSS 543.
View course details in MyPlan: TCSS 580

TCSS 581 Cryptology (5)
Covers simple ciphers, block and stream ciphers, attacks, public-key ciphers, electronic signature, cryptographic algorithms, and real-world examples.
View course details in MyPlan: TCSS 581

TCSS 582 Cryptographic Protocols (5)
Covers advanced topics of cryptographic protocols, including formal definitions of security, composability, zero knowledge proofs, commitment schemes, oblivious transfer, secure two-party computations and secure multi-play computations. Prerequisite: minimum grade of 3.0 in TCSS 540, TCSS 543 or TCSS 581.
View course details in MyPlan: TCSS 582

TCSS 583 Post-Quantum Cryptosystems (5)
Covers fundamentals of Shor's attack against conventional cryptography and notions of quantum-resistant cryptosystems. Includes the main lattice-based schemes for encryption, signatures, and homomorphic encryption, as well as code-based encryption, hash-based, and multivariate digital signatures. Additionally, highlights research problems and deployment issues of the technique. Prerequisite: TCSS 543.
View course details in MyPlan: TCSS 583

TCSS 584 Testing VLSI Circuits and Hardware Security (5)
Covers topics related to testing VLSI circuits and hardware security including manufacturing test fundamentals, fault modeling and simulation, automatic test pattern generation algorithms, Design-for-Testability, testability vs security, trustworthiness of integrated circuits; Counterfeit ICs; Hardware Trojans; Side-Channel attacks; Design-for-Trust. Course overlaps with: TECE 521. Prerequisite: TCES 330.
View course details in MyPlan: TCSS 584

TCSS 588 Bioinformatics (5)
Covers applications of computational techniques in various biological applications, including sequence analysis, systems biology, personalized medicine, and drug discovery. Focuses on machine learning methods in mining big data sources in biology. No background in biology is required. Prerequisite: TCSS 343. Offered: Sp.
View course details in MyPlan: TCSS 588

TCSS 590 Special Topics in Computing and Software Systems (1-5, max. 30)
Examines current graduate-level topics and issues associated with computing and software systems. Prerequisite: permission of instructor.
View course details in MyPlan: TCSS 590

TCSS 591 Research Seminar in Distributed Systems (1-3, max. 5)
Discusses recent developments in distributed systems, focusing on applications and advancements in the areas of distributed systems, cloud computing, and networking. Primarily consists of reading papers and surveying the latest implementation methods, tools, and frameworks enabling distributed systems. Course overlaps with: TECE 514. Credit/no-credit only.
View course details in MyPlan: TCSS 591

TCSS 592 Research Seminar in Bioinformatics (1-3, max. 5)
Discusses recent developments in bioinformatics, focusing on machine learning methods and integration of big biology data. Consists of reading papers, surveying the latest methods, and tools developed for high dimensional data. Credit/no-credit only.
View course details in MyPlan: TCSS 592

TCSS 593 Research Seminar in Data Science (1-3, max. 5)
Discusses recent developments in data science, focusing on applications and advances in data management and mining for data from a variety of domains. Consists of reading papers, surveying the latest tools, and techniques of data science. Credit/no-credit only.
View course details in MyPlan: TCSS 593

TCSS 594 Research Seminar in Geographic Information Systems (1-3, max. 5)
Discusses recent developments in Geographic Information Systems (GIS), focusing on applications and advances in spatiotemporal, mobile, and sensor data management. Consists of reading papers and surveying the latest tools and techniques of GIS. Credit/no-credit only.
View course details in MyPlan: TCSS 594

TCSS 595 Research Seminar in Cybersecurity (1-3, max. 5)
Discusses recent developments in cybersecurity, focusing on applications and advances in cryptology; network and systems security; and privacy and their applications to different domains. Consists of reading papers and surveying the latest tools and techniques in cybersecurity. Credit/no-credit only.
View course details in MyPlan: TCSS 595

TCSS 597 Research Seminar in Cyber Physical System (1-3, max. 5)
Discusses recent developments in the modeling analysis, security, and control of cyber-physical systems. Primarily consists of reading papers, surveying the latest hardware/software implementation methods and tools developed for cyber physical systems. Offered: AWSp.
View course details in MyPlan: TCSS 597

TCSS 598 Masters Seminar in CSS ([1-5]-, max. 5)
Surveys the canonical literature pertinent to a master's degree in CSS. Readings in research and applied computing are assigned to provide a grounding in Masters level work. Weekly discussions of topics taken from the readings. Not available for elective credit.
View course details in MyPlan: TCSS 598

TCSS 600 Independent Study or Research (*-)
Examines current topics and issues associated with computing and software systems. Prerequisite: permission of instructor.
View course details in MyPlan: TCSS 600

TCSS 700 Master's Thesis (*-)
Provides an opportunity to demonstrate comprehensive knowledge in CSS. Completes a research project led by

a CSS graduate faculty advisor. Prerequisite: TCSS 543; TCSS 558; TCSS 598; permission of instructor required
View course details in MyPlan: TCSS 700

TCSS 701 INTERNSHIP (1-10, max. 10)
View course details in MyPlan: TCSS 701

TCSS 702 Design Project in Computing and Software Systems ([1-10]-, max. 10)
Provides an opportunity to demonstrate comprehensive knowledge in CSS. Develops a significant design and implementation project led by a CSS faculty graduate advisor. Prerequisite: TCSS 543; TCSS 558; TCSS 598; permission of instructor required.
View course details in MyPlan: TCSS 702

TCSS 800 Doctoral Dissertation (*)
Involves original research carried out using rigorous methods that are appropriate to the research questions. The dissertation addresses issue(s) of importance in the field while significantly contributing to the advancement of knowledge. Prerequisite: TCSS 700 and permission of instructor. Credit/no-credit only.
View course details in MyPlan: TCSS 800

COMPUTER ENGINEERING & SYSTEMS

TCES 101 Introduction to Engineering I (2)
Introduces all aspects of the engineering profession, including engineering disciplines, challenges, education, and employment; creativity and design; and the professional responsibilities of engineers. Student teams build projects and make presentations that discuss the relevance of course topics.
View course details in MyPlan: TCES 101

TCES 102 Introduction to Engineering II (2)
Introduces an in-depth exploration of key concepts and practices in engineering design and profession throughout a series of case studies, a hands-on project, industry feedback and assessment. Students learn about engineering design, manuals and datasheets, project management and development, and engineering economics. Prerequisite: TCES 101.
View course details in MyPlan: TCES 102

TCES 103 Introduction to Engineering III (2)
Focuses on building engineering projects that address community needs. Students integrate engineering design with meaningful community service and civic responsibility. Prerequisite: TCES 102.
View course details in MyPlan: TCES 103

TCES 203 Programming Practicum (5)
Provides practical experience designing and developing a large, complex programming project. Introduces true object-oriented language like C++ and Java to build on the number of tools available to engineers for designing more complex projects. Prerequisite: a minimum grade of 2.0 in either CSE 122, CSE 123, CSE 143, or TCSS 143.
View course details in MyPlan: TCES 203

TCES 215 Electrical Circuits I (5)
Explores the fundamentals of electrical engineering including basic circuit and systems concepts, mathematical models of components, Kirchhoff's laws, resistors, sources, capacitors, and inductors. Studies solutions of first and second order linear differential equations associated with basic circuit forms. Course overlaps with: E E 215 and B EE 215. Prerequisite: a minimum grade of 2.0 in either TMATH 126 or MATH 126; a minimum grade of 2.0 in either TMATH 207 or MATH 207 (either of which may be taken concurrently) ; and a minimum grade of 2.0 in

either T PHYS 122 or PHYS 122.
View course details in MyPlan: TCES 215

TCES 230 Introduction to Logic Design (5) RSN
Examines Boolean algebra and logic simplification, design of combined logic for decoders and multiplexers, and design of sequential devices including registers, and counters. Analysis of devices for logic networks including, three-state, CMOS, programmable logic devices. Uses tools for schematic capture and circuit simulations. Introduction to state machines. Laboratory required. Prerequisite: either a minimum grade of 2.0 in CSE 122, a minimum grade of 2.0 in CSE 142, a minimum grade of 2.0 in TCSS 141, or a minimum grade of 2.0 in TCSS 142. Offered: A.
View course details in MyPlan: TCES 230

TCES 279 Modern Fabrication (2) NSc
Introduces new technology in 3D modeling, printing, laser cutting, and electronic fabrication. Students learn to fabricate engineering prototypes by building small scale artifacts. Credit/no-credit only. Offered: AWSp.
View course details in MyPlan: TCES 279

TCES 310 Signals and Systems (5) NSc
Covers theoretical concepts and mathematical tools used for the design and analysis of continuous-time linear systems as well as analog signals. Topics covered in this course include linear convolution, impulse response, Laplace transform, Fourier series and Fourier transforms. Computer laboratory: Matlab is introduced for the analysis of signals and systems. Course overlaps with: E E 235; E E 242; and B EE 235. Prerequisite: a minimum grade of 2.0 in either E E 215 or TCES 215; and a minimum grade of 2.0 in either TMATH 126 or MATH 126.
View course details in MyPlan: TCES 310

TCES 312 Electronic and Analog Circuits (5)
Physics, characteristics, applications, analysis, and design of circuits using semiconductor diodes and field-effect transistors with an emphasis on large-signal behavior and digital logic circuits. Introduction to operational amplifiers, frequency analysis and response, and filters. Prerequisite: a minimum grade of 2.0 in either TCES 215 or E E 215. Offered: W.
View course details in MyPlan: TCES 312

TCES 330 Digital Systems Design (5)
Examines digital system design fundamentals using programmable logic devices (PLDs). Uses Verilog to analyze and design complex digital systems based on field programmable gate arrays (FPGAs). Uses testing techniques to verify design and introduces operation of digital systems. Prerequisite: a minimum grade of 2.0 in TCES 230.
View course details in MyPlan: TCES 330

TCES 372 Machine Organization and Architecture for Computer Engineers (5)
Covers the general features of computation systems, including an introduction to processor architecture, instruction sets, assembly programming, cache and memory architecture, debug monitors, and translation from higher level languages to machine language. Prerequisite: a minimum grade of 2.0 in TCES 230.
View course details in MyPlan: TCES 372

TCES 380 Stochastic Signal Theory for Engineers (5) RSN
Introduces students to fundamental principles of probability and stochastic processes used in electrical and computer engineering practice. Topics covered in this course include probability theory, discrete and continuous random variables and statistical description, statistical characterization of sequence of random variables, and stationary random processes. Course overlaps with: TME 351. Prerequisite: a minimum grade of 2.0 in either E E 215 or TCES 215; and a minimum grade of 2.0 in either MATH 126 or TMATH 126.
View course details in MyPlan: TCES 380

TCES 390 Undergraduate Seminar in Computer Engineering and Systems (2, max. 12)
Enhances problem-solving skills. Includes lectures and problem sessions in mathematics, programming, problem solving, and CES applications. Credit/no-credit only.
View course details in MyPlan: TCES 390

TCES 420 Principles of Operating Systems (5)
Covers the fundamental principles of operating design and function for both general purpose computing and real-time application control. Includes concurrent processes, scheduling, inter-process communications, memory management, I/O, and file systems. Course overlaps with: CSE 451 and CSS 430. Prerequisite: minimum grade of 2.0 in TCES 372.
View course details in MyPlan: TCES 420

TCES 421 Digital Integrated Circuit Design (5)
Covers digital integrated circuit manufacturing process; design rules; diodes; MOS(FET) transistors; interconnect wires; analysis and design of CMOS inverters; combinational and sequential circuits; arithmetic operators and memory; implementation strategies; timing issues; and CAD tools. Prerequisite: minimum grade of 2.0 in both TCES 230 and TCES 312.
View course details in MyPlan: TCES 421

TCES 425 Introduction to Computer Communication Networks (5)
Covers computer network architectures, protocol layers, packet switching, network programming, transmission media, encoding systems, switching, multiple access arbitration. It also covers packet forwarding, routing, congestion control, and flow control. Transport protocols and end-to-end concept, network security are also discussed. Course overlaps with: T INFO 250; CSE 461; E E 419; and CSS 431. Prerequisite: either TCES 372 or TEE 372.
View course details in MyPlan: TCES 425

TCES 430 Microprocessor System Design (5)
Introduces hardware and software design techniques for microprocessor-based systems. Gives experience designing and implementing a system using current technology and components. Provides the opportunity to interface microprocessors to external devices. Gives experience using state-of-the-art development systems and procedures. Prerequisite: either a minimum grade of 2.0 in TCES 372, or a minimum grade of 2.0 in TEE 372
View course details in MyPlan: TCES 430

TCES 431 Essentials of VLSI Circuit Testing and Hardware Security (5)
Covers topics related to testing VLSI circuits and hardware security including; manufacturing test fundamentals, fault modeling and simulation, automatic test pattern generation algorithms; enhancing testability of digital systems; design for testability; encryption hardware; testability vs security; misuse of test infrastructure to attack encryption hardware and countermeasures; and trustworthiness of integrated circuits.
View course details in MyPlan: TCES 431

TCES 450 Machine Learning for Engineers (5)
Introduces machine learning to engineering students. Topics covered include supervised machine learning, neural networks, deep learning, unsupervised learning and clustering methods, and reinforcement learning. Prerequisite: a minimum grade of a 2.0 in either TMATH 207 or MATH 207; a minimum grade of a 2.0 in either TMATH 208 or MATH 208; a minimum grade of a 2.0 in either TCSS 143, CSE 123, or CSE 143; and a minimum grade of 2.0 in either TCES 380 or TMATH 390.
View course details in MyPlan: TCES 450

TCES 455 Devices and Controls (5)
Teaches how to control motors and other physical actuators by delving into their theories of operation.

Examines automatic control theory and provides experience using computers to control devices. Requires team projects in the laboratory. Prerequisite: a minimum grade of 2.0 in each of TCES 310; TCES 312; and TCES 330.
View course details in MyPlan: TCES 455

TCES 460 Embedded Systems Design (5)
Guides integration of knowledge learned in prior courses in preparation for completion of the senior project in TCES 482. Covers the analysis, design, and prototyping of an embedded control application. Course overlaps with: CSE 474/E E 474; B ME 460; and CSS 427. Prerequisite: a minimum grade of 2.0 in TCES 420; and a minimum grade of 2.0 in TCES 430.
View course details in MyPlan: TCES 460

TCES 461 Hardware for Cryptography (5)
Examines zero knowledge proofs, commitment schemes, oblivious transfer, secret sharing, identification schemes, secure two-party protocols, electronic elections, and digital cash. Includes hardware and embedded implementation of secure protocols. Prerequisite: minimum grade of 2.0 in TCES 430.
View course details in MyPlan: TCES 461

TCES 465 Embedded Machine Learning Systems (5)
Examines embedded machine learning systems for resource-constrained devices. Topics include model optimization, lightweight inference frameworks, integration with embedded processors and microcontrollers, performance evaluation, and applications in sensing, vision, and intelligent control. Course overlaps with: E E 446. Prerequisite: a minimum grade of 2.0 in TCES 450; and a minimum grade of 2.0 in TCES 460.
View course details in MyPlan: TCES 465

TCES 480 Senior Project I (2)
Covers the preparation for conducting the senior project systems analysis and design and implementation, testing, and delivery. Includes case studies of engineering projects. Prerequisite: a minimum grade of 2.0 in TCES 203; a minimum grade of 2.0 in TCES 310; a minimum grade of 2.0 in TCES 312; a minimum grade of 2.0 in TCES 330; and a minimum grade of 2.0 in TCES 372.
View course details in MyPlan: TCES 480

TCES 481 Senior Project II (4)
Provides guidance to project teams to analyze client needs, develop problem statements, specifications, and plans for implantation of project deliverables. Prerequisite: minimum grade of 2.0 in TCES 480; recommended: Prerequisite: minimum grade of 2.0 in TCSS 480.
View course details in MyPlan: TCES 481

TCES 482 Senior Project III (4)
Focuses on design and implementation, testing, and demonstration of the capstone design project. Prerequisite: a minimum grade of 2.0 in TCES 481.
View course details in MyPlan: TCES 482

TCES 490 Special Topics (1-5, max. 10)
Examines current topics and issues associated with computing engineering and systems.
View course details in MyPlan: TCES 490

TCES 497 Internship (1-10, max. 10)
Gives experience working in real-world engineering environment. Demonstrates how engineering processes are conducted within an organization. Prerequisite: minimum grade of 2.0 in either TCES 330 or TCES 372.
View course details in MyPlan: TCES 497

TCES 498 Directed Readings (1-10, max. 10)
Facilitates pursuit of knowledge in a specific area through readings of technical publications as specified in an agreement with the faculty supervisor.
View course details in MyPlan: TCES 498

TCES 499 Undergraduate Research (1-10, max. 10)
Provides opportunities to pursue research in an area that is of interest. Gives experience specifying, designing, implementing, and evaluating a research project.
View course details in MyPlan: TCES 499

CYBERSECURITY AND LEADERSHIP

T CSL 510 Principles of Cybersecurity (5)
Explores the basics of information security. Explores introductory concepts of confidentiality, integrity, and availability. Discusses threats, to include malicious code, hackers, cyber terrorists, spies, and other information warriors. Explores vulnerabilities and countermeasures for both computer systems and networks.
View course details in MyPlan: T CSL 510

T CSL 520 Business Essentials (5)
Provides an overview of the key concepts, tools, and techniques that are required to succeed in today's business environment. Introduces various essential business aspects such as communication, marketing, accounting, finance, business law, and ethics.
View course details in MyPlan: T CSL 520

T CSL 530 Cyber Risk Management (4)
Covers management of information security, risk and incident response, legal compliance, incident response, assessing and treating risk.
View course details in MyPlan: T CSL 530

T CSL 540 Leadership and Team Dynamics (4)
Prepares students to analyze individual and team dynamics, evaluate the influence of organization structures and processes of each of these, and engage in managerial action that enhances individual, team, and organizational performance. Considerable focus on developing students' critical thinking, communication, collaboration, and leadership skills.
View course details in MyPlan: T CSL 540

T CSL 550 Network and Internet Security (5)
Studies the technologies of information security policies, standards, and procedures. Topics include: security policy design and incident response; and tools and techniques to defend against, react to, and recover from a cyber-attack. Covers cryptographic methods including public and private key algorithms and their applications on confidentiality, authentication, and data integrity. Offered: Sp.
View course details in MyPlan: T CSL 550

T CSL 560 Organizational Change and Strategy (4)
Prepares students to be effective leaders and change agents by exploring concepts, tools, and techniques for aligning an organization's strategy to the environment and for creating, leading, and managing change.
View course details in MyPlan: T CSL 560

T CSL 570 Cyber Forensics and Security Management (4)
Introduces computer and network forensics techniques. Examines the technical knowledge and software skills required for cyber security policy implementation. Studies the process of designing and implementing

successful security policies and frameworks. Applies information assurance concepts, processes, and software skills to solve practitioner case studies and explores the role of policies in creating a successful cyber management plan.
View course details in MyPlan: T CSL 570

T CSL 580 Project Management (5)
Using projects as instruments that reflect strategic change in organizations, students engage new products, new processes, and new services, leading to renewed organizational competitiveness. Prepares students to effectively manage projects in organizations regardless of the industry and the position one works in.
View course details in MyPlan: T CSL 580

T CSL 591 Capstone Project I (2)
Provides the opportunity to demonstrate comprehensive knowledge in Cybersecurity and Leadership. Will work in small teams (usually 3) to collaborate with government and industry in the region to develop valuable contribution for a capstone customer in the realm of cybersecurity and business operations. Students secure customers, define a project plan and create a contract with agreement on a specific statement of work.
View course details in MyPlan: T CSL 591

T CSL 592 Capstone Project II (2)
Collaborate with government and industry in the region, and develop valuable contribution for a capstone customer in the realm of cybersecurity and business operations. Students work in small teams (usually 3). Students work with a customer, to execute and deliver the project statement of work previously developed in Capstone I.
View course details in MyPlan: T CSL 592

T CSL 600 Independent Study or Research (1-5, max. 5)
Provides an opportunity to work independently exploring specific cybersecurity and leadership topics in greater depth. The student must develop a research proposal and make arrangements with a faculty member to supervise the project prior to course registration. Permission of MCL faculty is required.
View course details in MyPlan: T CSL 600

T CSL 601 Internship (1-5, max. 5)
Engages students in practical application of knowledge and skills in a private or public work environment. Facilitates the development of a learning plan under faculty guidance and supports hands-on fieldwork aligned with classroom learning. Requires students to create a written internship plan and obtain faculty approval before registration. Credit/no-credit only.
View course details in MyPlan: T CSL 601

ELECTRICAL & COMPUTER ENGINEERING

TECE 510 Advanced Computer Architecture (5)
Focuses on the techniques of quantitative analysis and evaluation of modern out-of-order Superscalar computing systems. Emphasis is on major component subsystems of high-performance computers: pipelining, instruction level parallelism, prefetching, branch prediction, memory hierarchies, input/output, multithreading, and virtual memory. Students will undertake a project in Simplescalar/Gem5/Structural Simulator Toolkit. Course overlaps with: CSE 548/E E 544 and CSE 549/E E 545.
View course details in MyPlan: TECE 510

TECE 511 Microprocessor System and Peripheral Interfacing (5)
Studies hardware and software interface of microprocessor-based systems with peripheral components. Provides experience designing and implementing a system with Advanced RISC (Reduced Instructor Set

Computer) Machine (ARM) assembly based processor. Provides the opportunity to gain experience with communication protocols, interrupts, timer, and transducers. Recommended: knowledge of processor architecture and C/C++ programming.
View course details in MyPlan: TECE 511

TECE 512 Advanced Embedded Systems (5)
Focuses on designing microprocessor-based embedded systems for real-time applications. Topics covered include specifying design constraints, scheduling, allocation, pipelined data paths, communication architecture, software task scheduling, memory architecture and utilization, and technical documentation. Course overlaps with: E E 542.
View course details in MyPlan: TECE 512

TECE 514 Distributed Systems (5)
Introduces the techniques for creating functional, usable, and scalable distributed systems. The students should gain knowledge on client and server design, communication issues and remote procedure call, coordination and synchronization, concurrency, consistency and replication, caching, fault tolerance and commit protocols. Course overlaps with: TCSS 591; CSE 552; CSE M 552; and CSE P 552.
View course details in MyPlan: TECE 514

TECE 516 Graphics Processing Unit Architecture (5)
Focuses on designing graphics and accelerated processing unit that comprises of many cores to explore massive parallel computation. Topics covered include many core architectures to achieve massive parallelism in computation, its algorithms, scheduling mechanism, programming models and performance evaluation. Prerequisite: a minimum grade of 2.7 in TECE 510.
View course details in MyPlan: TECE 516

TECE 521 Advanced VLSI for Communication Systems (5)
Provide a basic foundation and understanding of the analysis and design of Radio Frequency (RF) communication circuits and systems. The course contents will provide a systematic treatment of Very Large-Scale Integrated (VLSI) Radio Frequency electronics from microwave and communication theory leading to the design of RF transceivers and circuits. Course overlaps with: TCSS 584; CSE 568; E E 525; E E 526; and E E 536.
View course details in MyPlan: TECE 521

TECE 523 Wireless Integrated Circuit Design (5)
Basic concepts of wireless integrated circuit (IC) design. Various radio transceiver architectures and their applications are presented. Design of CMOS radio transceiver circuit blocks including hands on experience on IC design & layout using industry-based chip design software Cadence are addressed. Course overlaps with: CSE 567; CSE P 567; and E E 536.
View course details in MyPlan: TECE 523

TECE 531 Advanced Power System Operation (5)
Provides insights to engineers who plan and perform operation of electricity supply systems. Students will gain systematic understanding of electricity network operation under both steady-state and fault conditions. Students will also be exposed to advanced knowledge of modern electricity network operation. Course overlaps with: E E 552.
View course details in MyPlan: TECE 531

TECE 533 Renewable Energy Systems (5)
Introduces the fundamentals of renewable energy sources and provides details of their conversion into electricity. Students will gain detailed knowledge of the engineering challenges of renewable energy production and a wider understanding of renewable energy in a societal context. Course overlaps with: CESI 501; M E

539/MSE 539; B EE 557; and B EE 572.
View course details in MyPlan: TECE 533

TECE 535 Power Distribution Systems (5)
Provides students with a well-balanced understanding of the essential principles of power distribution engineering including a basic understanding of network design, network architecture and network operation. It also provides extensive experience of recent changes in distribution system and industrial applications with the relevant theoretical background.
View course details in MyPlan: TECE 535

TECE 537 Generalized Theory of Electrical Machines (5)
Investigates the generalized fundamentals of electromechanical energy conversion systems and rotating electrical machines based on the reference-frame theory. It uses the Park's equations-based model of Alternating Current (AC) machines to calculate transient and steady-state conditions. It employs MATLAB and PLECS for computer simulations and analysis of unbalanced operation. Course overlaps with: B EE 555.
View course details in MyPlan: TECE 537

TECE 539 Advanced Power Electronics (5)
Explores the fundamental principles of dc applied to dc converters, inverters, rectifiers, soft-switching, and resonant converters. It covers the underlying control methods and the modulation techniques. The theoretical analysis of the power electronics circuits in this course is accompanied by computer simulation studies using PLECS and MATLAB/Simulink software packages. Course overlaps with: E E 534; B EE 550; and B EE 557.
View course details in MyPlan: TECE 539

TECE 540 Optimization Techniques for Electrical and Computer Engineering (5)
Explores optimization techniques and applications in computing systems and machine learning. Topics include integer/mixed-integer programming, simplex method, gradient descent, quasi-Newton methods (BFGS, L-BFGS), and chance-constrained optimization. Students apply these in real-world cases like GPU resource management, FPGA design, embedded systems, network optimization, energy-efficient scheduling, and AI model training. Recommended: coursework in data structures; algorithms; pro algorithms; probability and statistics; and Python programming.
View course details in MyPlan: TECE 540

TECE 542 Performance and Efficiency in Artificial Intelligence Infrastructures (5)
Explores performance, power, energy, latency, and throughput of AI infrastructures with a focus on Deep Neural Networks (DNNs) and Large Language Models (LLMs). Topics include batching, multi-tenancy, quantization, tensor parallelism, speculative decoding, pruning, energy-efficient AI, scheduling, and hardware acceleration. The course includes hands-on assignments, case studies from industry and benchmarking exercises. Prerequisite: a minimum grade of 2.7 in TECE 556; recommended: proficiency in Python; understanding of basic machine learning concepts; and understanding of basic computer architecture and parallel computing.
View course details in MyPlan: TECE 542

TECE 551 Control Systems Design (5)
Introduces multi-variable linear control systems. Topics include frequency analysis, loop shaping, structural analysis, phase plane analysis, the state transition matrix, Lyapunov stability, controllability gramian, observability gramian, full state feedback controller design, observer design, and Linear Quadratic Regulator (LQR) optimal control. Course overlaps with: A E 510; E E 547/A A 547; and E E 583/A A 583/M E 583.
View course details in MyPlan: TECE 551

TECE 553 Digital Control Systems (5)
Covers control system design in discrete-time using classical methods including the z-transform and state space difference equations. Topics include modeling sampled-data systems, frequency response of discrete time systems, aliasing, gain and phase margins, discrete-time stability, root locus, loop shaping, full state feedback, state estimation, and Nyquist stability criterion. Course overlaps with: M E 581/A A 581/E E 581. Prerequisite: a minimum grade of 2.7 in TECE 551.
View course details in MyPlan: TECE 553

TECE 555 Nonlinear Systems (5)
Focuses on the analysis of nonlinear systems and design of controllers. Topics include analysis of nonlinear dynamics, phase plane analysis, vector fields and flows, Lyapunov stability theory, uniform ultimate boundedness, input-output stability, input-to-state stability, limit cycles, Poincare maps, feedback linearization, and control of robotic systems. Course overlaps with: CESG 506; E E 547/A A 547; E E 549/A A 549/M E 549; and E E 583/A A 583/M E 583.
View course details in MyPlan: TECE 555

TECE 556 Advanced Machine Learning (5)
Explores models for regression, classification, clustering, and spans supervised, unsupervised, deep, and federated learning. Topics include linear regression, regularization, Bayesian networks, recurrent neural networks, large language models, distributed learning, and privacy-preserving machine learning. Students develop prediction models through a class project for engineering applications while incorporating performance metrics. Recommended: coursework in differential equations, linear/matrix algebra, multivariate calculus, and stochastic signal theory.
View course details in MyPlan: TECE 556

TECE 557 Optimal and Robust Control (5)
Covers calculus of variations for dynamical systems to establish the basic optimal control problem. Topics include Lagrange multipliers, the Pontryagin Maximum Principle, necessary conditions for optimality, the Hamilton-Jacobi-Bellman equation, dynamic programming, bang-bang control, balanced model realization and truncation, H2 optimal control, and H-infinity robust control. Course overlaps with: IND E 537.
View course details in MyPlan: TECE 557

TECE 563 Modern Signal Processing (5)
Introduces advanced techniques for processing digital signals. Topics include oversampling for Analog-to-Digital conversion, efficient implementation of recursive and nonrecursive digital filters, design of digital filters in both recursive and nonrecursive forms, and Multirate signal processing. Course equivalent to: B EE 511. Course overlaps with: E E 518 and EE P 518.
View course details in MyPlan: TECE 563

TECE 565 Advanced Random Signal Processing (5)
Introduces advanced random signal analysis for applications to statistical signal processing and digital communications. Topics include statistical analysis of random processes, stationary random processes, Wide-Sense Stationary (WSS) processes, Gaussian processes, linear transformation of random signals, spectral analysis, white noise and Additive White Gaussian Noise (AWGN) channel, matched filter, and detection. Course overlaps with: B EE 510.
View course details in MyPlan: TECE 565

TECE 567 Digital Communications (5)
Provides foundations for the design, analysis and implementation of advanced digital communication links at the physical layer of the protocol stack. Topics include digital modulation schemes and performance evaluation, optimum receivers for Additive White Gaussian Noise (AWGN) channels, and introduction to channel coding via linear block and convolutional codes. Course overlaps with: CSE P 567 and B EE 517. Prerequisite: a minimum

grade of 2.7 in TECE 565.
View course details in MyPlan: TECE 567

TECE 569 Wireless Communications (5)
Provides the basic foundation of wireless propagation environment and wireless communication systems to design and analyze optimum receivers for various wireless communication in fading channels. Topics include diversity, multiple input multiple output (MIMO) system, spread spectrum modulation, orthogonal frequency division multiple access, and channel code design. Course overlaps with: E E 506; E E 507; B EE 517; and B EE 518. Prerequisite: a minimum grade of 2.7 in TECE 567.
View course details in MyPlan: TECE 569

TECE 572 Microwave Engineering (5)
Review of Maxwell equations, transmission lines and propagation of electromagnetic waves in unbounded media. Other topics include waveguides and resonators, planar microwave structures, microwave devices and filters, microwave network analysis. Engineering applications will be addressed. Course overlaps with: E E 572 and B EE 554.
View course details in MyPlan: TECE 572

TECE 573 Advanced Electromagnetics (5)
Covers propagation of electromagnetic waves in linear and non-linear materials, reflection and refraction of electromagnetic waves, waveguides and optical fibers, scalar theory of diffraction, radiation and antennas. Special topics on EM wave propagation are also addressed.
View course details in MyPlan: TECE 573

TECE 590 Special Topics in Electrical and Computer Engineering (1-5, max. 5)
Examines current topics and issues associated with Computer and Electrical Engineering.
View course details in MyPlan: TECE 590

TECE 598 Master's Seminar (1-5, max. 5)
This weekly seminar is offered for graduate students of the Master of Science in Electrical and Computer Engineering program. Each week the instructor will select a relevant topic of current research or emerging technology.
View course details in MyPlan: TECE 598

TECE 599 Capstone (1-5, max. 5)
Provides the opportunity to demonstrate comprehensive knowledge in Electrical and Computer Engineering. Students work under the supervision of a graduate faculty advisor to design and implement an original project. The specific project must be discussed with, proposed to, and accepted by a faculty advisor. Prerequisite: permission of instructor.
View course details in MyPlan: TECE 599

TECE 600 Independent Study or Research (1-5, max. 5)
Provides an opportunity for students to study advanced topics or conduct research outside of class under the supervision of a graduate faculty advisor. The specific topic must be agreed upon by the student and faculty advisor. Prerequisite: permission of instructor.
View course details in MyPlan: TECE 600

TECE 601 Internship (1-5, max. 10)
Provides an opportunity for students to pursue a significant project or practical application in an engineering service, industrial, or research setting. Prerequisite: permission of instructor. Credit/no-credit only.
View course details in MyPlan: TECE 601

TECE 700 Master's Thesis (1-15, max. 15)
Provides an opportunity to demonstrate comprehensive knowledge in an area within Electrical and Computer Engineering. The student completes a research project under the supervision of an engineering graduate faculty advisor. Prerequisite: permission of instructor.
View course details in MyPlan: TECE 700

ELECTRICAL ENGINEERING

TEE 225 Engineering Ethics (5) A&H/SSc
Examines ethical theory and moral values. Explores classic and contemporary ethical theory through comparative literature analysis. Emphasizes writing, and construction of ethical arguments as applied to the field of engineering in diverse, global societies. Analyzes historical and contemporary ethical issues in engineering including privacy, security, intellectual property, and emerging technology. Course overlaps with: BIOEN 215; BSE 231; and ENGR 100.
View course details in MyPlan: TEE 225

TEE 315 Electrical Circuits II (4)
Provides further exploration techniques of advanced circuit analysis after learning materials in Electrical Circuits I. Topics include review of AC Circuits, Power and Energy, Three-phase circuits, Two-port circuits, Laplace Transform, Filters, and Ideal Transformers. Course overlaps with: E E 233. Prerequisite: a minimum grade of 2.0 in either TCES 215 or E E 215.
View course details in MyPlan: TEE 315

TEE 316 Electronics and Analog Circuits II (5)
Examines amplifier frequency response, feedback amplifiers and oscillators, digital electronics, and power amplifiers. Prerequisite: minimum grade of 2.0 in TCES 312.
View course details in MyPlan: TEE 316

TEE 317 Electric Machines (5)
Investigates fundamental principles of electromechanical energy conversion systems and rotating electrical machines. Covers the various types of the transformers, synchronous generators, induction motors, and the series, shunt, and compounded DC machines. Employs MATLAB for computer simulations, steady-state calculations, and characteristic curve extraction in AC and DC machines. Prerequisite: a minimum grade of 2.0 in TEE 315.
View course details in MyPlan: TEE 317

TEE 331 Applied Electromagnetics (4)
Explores the foundations of electromagnetics (EM) theory and applications, including scalar and vector fields field operators, Maxwell's equations, electrostatics, magnetostatics, time-varying fields, transmission lines, plane waves, waveguides, antennas and other topics in contemporary electrical engineering practice. Course overlaps with: E E 361. Prerequisite: a minimum grade of 2.0 in either E E 215 or TCES 215; a minimum grade of 2.0 in either TMATH 208 or MATH 208; and a minimum grade of 2.0 in either T PHYS 122 or PHYS 122.
View course details in MyPlan: TEE 331

TEE 341 Communication Theory (4)
Examines analog modulation including amplitude modulation (AM) and angle modulation (FM and PM), noise in communication systems, probability theory and random processes used in the design and analysis of communication systems, digital communication systems including digital pulse code modulation, and analysis and evaluation of modern communication systems. Prerequisite: a minimum grade of 2.0 in TCES 310; and a minimum grade of 2.0 in TCES 380.
View course details in MyPlan: TEE 341

TEE 372 Computer Architecture for Electrical Engineers (3)
Covers instruction set design, assembly programming, CPU microarchitecture including pipelining and superscalar design, cache design and hierarchies, multi-level memory systems, and architectural performance analysis. Prerequisite: a minimum grade of 2.0 in TCES 230.
View course details in MyPlan: TEE 372

TEE 390 Undergraduate Seminar in Electrical Engineering (2)
Enhances problem-solving skills. Includes lectures and problem sessions in mathematics, programming, problem solving and EE applications. Credit/no-credit only.
View course details in MyPlan: TEE 390

TEE 417 Power Electronics (5)
Covers the various types of power electronic converters and semiconductors employed. Investigates the operation region of diodes, insulated gate bipolar transistors, and metal-oxide-semiconductor field-effect transistors as the main switching elements in converters, the fundamental principles of dc-dc converters, dc power supplies, inverters, rectifiers and voltage controllers as well as resonant converters. Software PLECS and/or MATLAB/Simulink. Course overlaps with: E E 452. Prerequisite: a minimum grade of 2.0 in TCES 312; and a minimum grade of 2.0 in TEE 315.
View course details in MyPlan: TEE 417

TEE 431 Power Systems (5)
Provides a systematic understanding of the operation of a modern electricity network, operating under balanced steady-state and fault conditions. It is designed to be of value to students who are considering a career in the electricity supply industry or any large industrial user with their own power network. Prerequisite: a minimum grade of 2.0 in TEE 315.
View course details in MyPlan: TEE 431

TEE 433 Sustainable Energy for Future Power Grid (5)
Introduces the fundamentals of distributed energy system, renewable energy sources and give details of their conversion into electricity. Students will gain detailed knowledge of the engineering challenges of sustainable energy production and a wider understanding of energy in a societal context. Basic concepts and structures of micro-grid, smart grid, and recent development in such emerging technologies. Course overlaps with: M E 430; B EE 381/BST 381; B EE 479; and B ME 446. Prerequisite: a minimum grade of 2.0 in TEE 317.
View course details in MyPlan: TEE 433

TEE 440 Introduction to Machine Learning for Electrical Engineers (4)
Introduces machine learning for electrical engineering students. Topics covered include supervised machine learning, neural networks, deep learning, unsupervised learning and clustering methods, and reinforcement learning. Course overlaps with: E E 344. Prerequisite: a minimum grade of 2.0 in either TMATH 208 or MATH 208; and a minimum grade of 2.0 in TCES 380.
View course details in MyPlan: TEE 440

TEE 451 Control Systems (5)
Explores system representation, feedback characteristics, and time-domain characteristics. Studies classical control theories including Routh-Hurwitz stability criterion, root locus, Nyquist criterion, Bode plots and Nichols charts. Introduces controller digitization, z-transform, and state-space approach. Provides experience using computers to implement Proportional-Integral-Derivative controllers to control motors and other physical actuators. Course overlaps with: E E 447. Prerequisite: a minimum grade of 2.0 in TCES 310; and a minimum grade of 2.0 in either TMATH 208 or MATH 208.
View course details in MyPlan: TEE 451

TEE 453 Digital Signal Processing (5)
Discrete-time convolution, difference equations, the z-transform, and the discrete-time Fourier transform. Digital signal processor architectures. Analysis and design of digital network and finite/infinite impulse response digital filters. Implementation of the fast Fourier transform algorithm. Prerequisite: a minimum grade of 2.0 in TCES 310.
View course details in MyPlan: TEE 453

TEE 454 Digital Communication (5)
Analog and digital signal representation and filtering, modulation and demodulation techniques; white Gaussian noise and the effect of noise on digital modulation techniques; sampling and quantization; basehand and band pass digital transmission; and modern, advanced, digital techniques such as Orthogonal Frequency Division Multiplexing (OFDM). Prerequisite: minimum grade of 2.0 in TEE 341.
View course details in MyPlan: TEE 454

TEE 456 Wireless Communication/RF Electronics (5)
Key concepts of electromagnetic and optical fields and waves, and their implications in modern communication systems. Selected topics from areas such as propagation in dispersive media, transmission line transients, reflection and refraction, diffraction and scattering, optical fibers, microwave and photonic waveguides, and antennas and sensors networks. Prerequisite: minimum grade of 2.0 in TEE 316 and TEE 331.
View course details in MyPlan: TEE 456

TEE 461 Image Processing (5)
Covers theory and applications of image processing. Topics covered include human visual perception, storage of digital images, processing grayscale and color images, two-dimensional filtering, Fourier transform, image restoration, image compression, morphological operations, and image classification. Students will apply these methods to processing real images. Course overlaps with: E E 443 and B EE 445. Prerequisite: TEE 453.
View course details in MyPlan: TEE 461

TEE 480 Senior Project I (2)
Covers the preparation for conducting the senior project systems analysis and design (TEE481), and implementation, testing, and delivery (TEE482). Includes case studies of engineering projects. Prerequisite: a minimum grade of 2.0 in TCES 230; a minimum grade of 2.0 in TCES 310; a minimum grade of 2.0 in TEE 315; a minimum grade of 2.0 in TEE 316; and a minimum grade of 2.0 in TEE 317.
View course details in MyPlan: TEE 480

TEE 481 Senior Project II (4)
Provides guidance to project teams to analyze client needs, develop problem statements, specifications, and plans for implementation of project deliverables. Prerequisite: min 2.0 GPA in TEE 480.
View course details in MyPlan: TEE 481

TEE 482 Senior Project III (4)
Project teams will implement, rest and deliver project deliverables (product), completing the Senior Design requirement for the degree. Prerequisite: min 2.0 GPA in TEE 481.
View course details in MyPlan: TEE 482

TEE 490 Special Topics in Electrical Engineering (1-5, max. 5)
Examines current topics and issues associated with electrical engineering.
View course details in MyPlan: TEE 490

TEE 497 Internship (1-5, max. 5)
Gives experience working in a real-world environment. Demonstrates how engineering processes are

conducted within an organization. Prerequisite: TCES 330.
View course details in MyPlan: TEE 497

TEE 498 Directed Readings in Electrical Engineering (1-5, max. 5)
Facilitates pursuit of knowledge in a specific area through readings of technical publications as specified in an agreement with the faculty supervisor.
View course details in MyPlan: TEE 498

TEE 499 Undergraduate Research in Electrical Engineering (1-5, max. 5)
Provides opportunities to pursue research in an area that is of interest. Gives experience specifying, designing, implementing, and evaluating a research project.
View course details in MyPlan: TEE 499

INFORMATION TECHNOLOGY & SYSTEMS

T INFO 110 Introduction to Cybersecurity (5) NSc, RSN
Provides an introduction to cybersecurity. Topics include hacking, social networks, privacy, cryptography, legal aspects, social implications, password management, digital forensics, computer networking, wireless security, and ethical issues. Focuses on individual users and their role in protecting themselves from various cybersecurity threats. No technical experience needed. Course overlaps with: CSS 110.
View course details in MyPlan: T INFO 110

T INFO 200 Programming II for Information Technology and Systems (5) NSc, RSN
Examines programming using traditional and visual development environments to learn event-driven, object-oriented design with emphasis on software development best practices for effective software maintenance and modernization.
View course details in MyPlan: T INFO 200

T INFO 210 Foundations of Information Management (5) RSN
Examines the fundamental concepts involved in industry based database design, administration, and usage. Topics include information retrieval, database administration, database models, design theory, database security, and database driven application programming.
View course details in MyPlan: T INFO 210

T INFO 220 Foundations of Human Computer Interaction for Information Technology and Systems (5) SSc
Examines the principles of human computer interaction. Studies issues of computer and system design more holistically with an emphasis on how such systems can be improved through proactive designs. Topics include human factors, human-centered computing and evaluation, effective interfaces, accessibility, legal issues, and social and organizational context.
View course details in MyPlan: T INFO 220

T INFO 230 Web Design and Programming with Artificial Intelligence (5) NSc, RSN
Explores modern web development with a focus on AI-driven functionality. Builds interactive web apps using front-end frameworks. Integrate large language models to create context-aware experiences. Applies the Model Content Protocol (MCP) to structure AI context. Deploys and presents fully functional applications through hands-on projects.
View course details in MyPlan: T INFO 230

T INFO 240 Discrete Math for Information Technology (5)
Examines selected topics of discrete mathematics and statistics as applicable to students of information technology and systems. Topics include basic logic, discrete probability, functions, relations, sets, hypothesis

testing, sampling and description statistics, graphs and trees, regular expressions, and application of mathematics and statistics to information technology.
View course details in MyPlan: T INFO 240

T INFO 250 Foundations of Information Networking (5) RSN
Explores computer networking and telecommunications fundamentals including LANs, WANs, Intranets, and the World Wide Web. Studies data communication concepts, models, and protocols. Practices installation, configuration, systems integration, and management of infrastructure technologies. Course equivalent to: CSS 431. Course overlaps with: TCES 425; TCSS 430; CSE 461; and INFO 314.
View course details in MyPlan: T INFO 250

T INFO 310 Foundations of Information Assurance (5) RSN
Studies the need for information security policies, standards, and procedures. Topics include: trust models; security policy design and incident response; and tools and techniques to defend against, react to, and recover from a cyber attack. Course overlaps with: INFO 310 and CSS 310.
View course details in MyPlan: T INFO 310

T INFO 320 Hardware and Software Systems (5) RSN
Examines functions of hardware and software systems. Topics include CPU, memory, registers, addressing modes, busses, instruction-sets, multi processors versus single processors; peripherals: hard-disks and storage, display, device controllers, input/output; operating systems functions and types; process, memory and file system management; and examples and contrasts of hardware architecture and operating systems.
View course details in MyPlan: T INFO 320

T INFO 360 Information Systems Analysis and Design (5) RSN
Examines concepts and techniques for analyzing and designing software systems to meet maintenance and modernization requirements such as changes of business logics, integration, and computing paradigms. Topics include software aging, reengineering, modeling, pattern, process, and cases.
View course details in MyPlan: T INFO 360

T INFO 370 Managing Technical Teams (5) SSc
Examines current topics and issues associated with study and practice of iterative and incremental development and project team management with emphasis on practical project experience. Studies topics like modeling computing projects through the discovery/invention/implementation cycle; learning, experiencing, and obtaining feedback on group dynamics; collaborative relationships; and conflict management.
View course details in MyPlan: T INFO 370

T INFO 390 Undergraduate Seminar in Information Technology and Systems (2, max. 12)
Enhances problem-solving skills. Includes lectures and problem sessions in mathematics, programming, problem solving, and ITS applications. Credit/no-credit only.
View course details in MyPlan: T INFO 390

T INFO 410 Database Design (5)
Provides an overview of various data solutions used today. Covers RDBMS design, performance optimization, NoSQL, object database, object relational database, and big data. Focuses on choosing the optimal database for application and designing optimal solutions.
View course details in MyPlan: T INFO 410

T INFO 411 Information Technology Career Preparation (3)
Provides methods to determine career preferences, to develop resumes and become proficient in interviewing skills. Manage the job search process for enhanced success. Learn strategies for early career success and

design long-term career goals.
View course details in MyPlan: T INFO 411

T INFO 431 Server Side Web Applications (5)
Examines selected topics in technology for client/server application, paying particular attention to client/server interactions on the WWW. Studies topics like multi-tier architecture, application server, database server, database middleware, forms, client-side programming, server-side programming, Component-Based Design (CBD), database programming for web application, rich client programming, and web services.
View course details in MyPlan: T INFO 431

T INFO 441 Network Security (5) RSN
Covers cryptographic methods including public and private key algorithms. Examines protocols that utilize secure email, digital signatures, authorization, e-voting, and electronic cash. Examines the fundamentals of security issues arising from computer networks. Includes lab component for demonstration of security techniques such as firewalls, intrusion detection systems, and virtual private networks. Prerequisite: T INFO 310.
View course details in MyPlan: T INFO 441

T INFO 442 Computer Security (5)
Discusses the theoretical and practical issues surrounding computer security and data protection. Explores formal models of encryption and authentication. Examines operating system and program security with vulnerabilities analyses. Includes a lab component for demonstrating computer security techniques such as malware analysis, and access control. Prerequisite: T INFO 310.
View course details in MyPlan: T INFO 442

T INFO 443 Digital Forensics (5) NSc
Explores the many facets of computer forensics and network security. Examines intrusion detection, evidence collection and presentation, network auditing, and network security policy design and implementation. Examines the issues and facilities available to the intruder and data network administrator and incorporates hands-on exercises. Course overlaps with: CSS 320. Prerequisite: T INFO 310.
View course details in MyPlan: T INFO 443

T INFO 444 Mobile Digital Forensics I (5)
Introduction to mobile digital forensics including theory, methodologies, tools, and strategies used by mobile digital forensic examiners. Includes study of case evidence leading the examiner through various approaches and techniques to determine facts to be presented in court and effective ways of communicating and presenting the results of digital investigations.
View course details in MyPlan: T INFO 444

T INFO 445 Mobile Digital Forensics II (5)
Further exploration of mobile digital forensics including the theory, methodologies, tools, and strategies used by examiners. Includes in depth study of case evidence including multiple device cross correlations of data, data carving techniques, and obtaining evidence form ASCII, Unicode, and hex views using regular expressions and other advanced search techniques. Prerequisite: T INFO 444.
View course details in MyPlan: T INFO 445

T INFO 446 Mobile Digital Forensics III (5)
Further exploration of mobile digital forensics. Includes project oriented case evidence to help solve crimes. Includes advanced data carving techniques. Combines all strategies and tools previously studies to synthesize custom solutions. Emphasizes actual case problems. Explores new experimental techniques and tools in the

field. Prerequisite: T INFO 445.
View course details in MyPlan: T INFO 446

T INFO 451 Routing and Switching (5)
Examines design and implementation methods of TCP/IP internetworks. Demonstrates techniques for connecting computers in a network and connecting separate networks to form an inter-network. Investigates bridging and switching concepts as well as routing protocols and algorithms. Prerequisite: minimum grade of 2.0 in both T INFO 220 and T INFO 250.
View course details in MyPlan: T INFO 451

T INFO 452 Windows System Administration (5)
Explores windows system administration topics with a focus on platform integration, active directory domain services, authentication, user support services, and security issues. Examine concepts and utilize techniques in user and group administration, system update and maintenance, backup and restoration strategies, storage technologies, and alternative client technologies. Prerequisite: minimum grade of 2.0 in T INFO 310.
View course details in MyPlan: T INFO 452

T INFO 453 Wireless Networking (5)
Examines the fundamental principles underlying wireless communications and networking. Topics include wireless transmission principles, protocols, satellite communications, cellular wireless networks, cordless systems, mobile IP, and wireless networking technologies, including IEEE 802.11 and Bluetooth standards.
View course details in MyPlan: T INFO 453

T INFO 457 Linux System Administration (5)
Focuses on foundational topics on Linux/Unix system administration. It exposes students to fundamental Linux/Unix system architecture and techniques to administer a Linux/Unix system. Topics include but not limited to Linux/Unix filesystems and administration, shell scripting language, managing processes, system backup, software installation, troubleshooting and performance, and network configurations. Prerequisite: a minimum grade of 2.0 in T INFO 310.
View course details in MyPlan: T INFO 457

T INFO 458 Advanced Unix/Linux System Administration (5)
Focuses on advanced topics on Unix/Linux system administration and exposes students to industrial practices of fundamental client-server services and provides hands-on experience administering these services. Topics include configurations for server services such as web server, mail server, domain name system, network information service, and firewall. Prerequisite: either T INFO 452 or T INFO 457.
View course details in MyPlan: T INFO 458

T INFO 461 Organizational Information Assurance (5) SSc
Examines information assurance by exploring the most current methods for securing information and systems from policies and procedures to technologies and audit in the context of the cloud. Topics include fundamental aspects, security mechanism, operational issues, policy, attacks, security domains, forensics, information states, security services, treat analysis, and vulnerabilities.
View course details in MyPlan: T INFO 461

T INFO 462 Building an Information Risk Management Toolkit (5) SSc
Examines current/emerging topics and issues associated with risk management of information technology and systems. Studies topics like security risk in a business and an IT context, security risk assessment models, risk assessment processes, risk-based decisions and consensus, incorporation of risk assessment, and an IT security plan.
View course details in MyPlan: T INFO 462

T INFO 463 Establishing and Managing Information Assurance Strategies (5) SSc
Examines real case studies to expand on fundamental aspects of information assurance, including security mechanism, operational issues, policy attacks, security domains, forensics, information states, security services, threat analysis, and vulnerabilities.
View course details in MyPlan: T INFO 463

T INFO 470 Information Technology for Future Leaders (5)
Examines selected topics in information technology trends, cutting edge business technologies and case studies that will challenge students to critically think about how businesses increase productivity, improve efficiency, enhance communication and collaboration and gain a competitive edge through the use of information technology. Prerequisite: Prerequisite: T INFO 370
View course details in MyPlan: T INFO 470

T INFO 473 Applied Data Structures and Algorithms (5)
Covers application of data structures and algorithms in order to solve real world computing problems. Students will design solutions using various data structures. Object - oriented methods will be used to create effective and efficient problem solutions. Students will use and implement application programming interfaces (APIs). Course overlaps with: TCSS 143; CSE 143; CSE 331; CSE 332; CSE 373; CSS 123; CSS 133; CSS 143; CSS 340; and CSS 342. Prerequisite: T INFO 360
View course details in MyPlan: T INFO 473

T INFO 475 Fundamentals of Privacy Engineering (5)
Focuses on fundamentals of privacy engineering and its implementation in IT. Topics covered include information privacy concepts, privacy requirements and threats, technical security controls for privacy, privacy enhancing technologies, information privacy management and legal and regulatory requirements. Prerequisite: a minimum grade of 2.0 in T INFO 310.
View course details in MyPlan: T INFO 475

T INFO 476 Threat Modeling (5)
This course explores the fundamentals of Threat Modeling and Architecture. Threat modeling is used daily in both Security and Application. We will learn the basic concepts of Strategy, STRIDE, Attack Trees, Attack Libraries, Development Life cycles and Understanding Risk related to Threat Modeling. Prerequisite: T INFO 250; T INFO 310; T INFO 360
View course details in MyPlan: T INFO 476

T INFO 480 Research Methods (5) SSc, RSN
Explores research methods appropriate for the social and computing sciences. Topics include: problem specification; literature searches; identification of research gaps; selection of appropriate methods; conducting research with human participants; application of quantitative and qualitative techniques; data collection, analysis, and interpretation; reporting of results; and developing a research proposals.
View course details in MyPlan: T INFO 480

T INFO 481 Information Technology Design Project (5)
Design and develop a technology application or component as a one-quarter individual effort. Manage the scope, deliverables, and prototyping process. Demonstration of a high-fidelity product prototype and an IEEE formatted final paper prepared for publication are required outcomes. Prerequisite: a minimum grade of 2.0 in T INFO 200; T INFO 210; T INFO 220; T INFO 230; T INFO 320; T INFO 360; and T INFO 370.
View course details in MyPlan: T INFO 481

T INFO 482 Senior Project (5)
Focuses on detail, implementation, testing, deployment, maintenance, and demonstration of the capstone

design project. Requires written and oral reports and creation of a final project binder. Prerequisite: T INFO 360.
View course details in MyPlan: T INFO 482

T INFO 490 Special Topics in Information Technology and Systems (1-5, max. 10)
Examines current topics and issues associated with information technology and systems.
View course details in MyPlan: T INFO 490

T INFO 497 Internship in Information Technology and Systems (1-10, max. 10)
Gives experience working in real-world information technology environment. Demonstrates how the life cycle of information technology and systems such as maintenance, modernization, replacement, etc. is conducted within an organization. Topics are carried into Senior Project II in ITS. Prerequisite: T INFO 360.
View course details in MyPlan: T INFO 497

T INFO 498 Directed Readings (1-5, max. 10)
Facilitates pursuit of knowledge in a specific area through readings of technical publications as specified in an agreement with the faculty supervisor. Prerequisite: T INFO 360.
View course details in MyPlan: T INFO 498

T INFO 499 Undergraduate Research (1-5, max. 10)
Provides opportunities to pursue research in a specific area that is of interest. Gives experience specifying, designing, implementing, and evaluating a research project. Prerequisite: T INFO 360.
View course details in MyPlan: T INFO 499

T INFO 501 Data Structures and Algorithms for Information Technology I (5)
Covers data structures and classical algorithms with an emphasis on implementing a complete algorithmic solution to a given problem. Course overlaps with: TCSS 501.
View course details in MyPlan: T INFO 501

T INFO 502 Data Structures and Algorithms for Information Technology II (5)
Explores sequential and binary search algorithms, intro to trees, hash tables, dynamic programming, analysis, design, and computational complexity of algorithms. Includes efficient algorithms, models of computation, correctness, time and space complexity, NP-complete problems, and undecidable problems. Course overlaps with: TCSS 501. Prerequisite: a minimum grade of 2.7 in T INFO 501.
View course details in MyPlan: T INFO 502

T INFO 503 Computer Networks for Information Technology (5)
Covers underlying technology of information facilities, networking systems and communication software. Topics include Internet and distributed applications, local area networks, wide area networks, data communications, and network management.
View course details in MyPlan: T INFO 503

T INFO 504 Information Technology Project Management (5)
Covers fundamentals of the project management process (initiating, planning, controlling, and delivering), toolsets and techniques for managing an IT project. The course will focus on project scope, project management, forecasting models, assessment of uncertainty, and methods of quality improvement.
View course details in MyPlan: T INFO 504

T INFO 510 Cloud Computing (5)
Presents a broad overview of topics associated with cloud computing including fundamental principles, service delivery models, foundational and enabling technologies, architecture, design, and virtualization technology. Understanding and mastery is supported through hands-on tutorials, activities, and a term project.

Prerequisite: a minimum grade of 2.7 in T INFO 502; and a minimum grade of 2.7 in T INFO 503.
View course details in MyPlan: T INFO 510

T INFO 520 Cyber Forensics (5)
Introduces the use of the most popular forensics tools and offers specific guidance on dealing with civil and criminal matters relating to the law and technology. It also includes discussions on how to manage a digital forensics operation in today's business environment.
View course details in MyPlan: T INFO 520

T INFO 530 Machine Learning for Information Technology Professionals (5)
Introduces the concepts of Machine Learning. Topics include supervised and unsupervised machine learning algorithms. Methods covered are linear and logistic regression, support vector machines, nearest neighbor, decision tree, hierarchical and neural network. We will also cover techniques for optimization, such as gradient and coordinate matrix.
View course details in MyPlan: T INFO 530

T INFO 540 Wireless and Mobile Security (5)
Covers fundamental concepts in wireless network security and mobile system security. Exposes the students to wireless and mobile security protocols, cutting-edge research results, and hands-on experiences in wireless and mobile cybersecurity.
View course details in MyPlan: T INFO 540

T INFO 550 Human-Computer Interaction (5)
Focuses on understanding research components in human-computer interactions. Topics include user-centered design, measurements in human-computer interactions, usability testing, experimental research, data collection methods, data analysis, and innovations in human-computer interactions. Involves reading assignments, presentation of research papers, and hands-on term projects.
View course details in MyPlan: T INFO 550

T INFO 560 Internet of Things (5)
Introduces fundamental concepts for Internet of Things (IoT). The course covers IoT technologies, system architecture, standards, data collection, cloud computing, and security. The course introduces employing IoT across domains such as energy, health, automation, and industrial manufacturing. Students will be familiar with IoT system components, sensing, actuation, networking, and design considerations. Prerequisite: a minimum grade of 2.7 in T INFO 510.
View course details in MyPlan: T INFO 560

T INFO 570 Information Technology Automation (5)
Studies automation technology in managing constantly evolving complex IT infrastructures. Topics include scripting languages, configuration management, change controls, network monitoring, security, and disaster recovery. Hands-on activities on automating IT process are also included.
View course details in MyPlan: T INFO 570

T INFO 580 Homeland Security (5)
Examines the impact of cyberattacks against critical infrastructure, and studies national strategies for homeland security. Topics include the scope of homeland security, national infrastructure protection, and homeland security intelligence. Course overlaps with: CSS 520. Prerequisite: a minimum grade of 2.7 in T INFO 501; a minimum grade of 2.7 in T INFO 502; a minimum grade of 2.7 in T INFO 503; a minimum grade of 2.7 in T INFO 504; and a minimum grade of 2.7 in T INFO 598.
View course details in MyPlan: T INFO 580

T INFO 590 Development and Operations (5)
Studies Information Technology software developments and operations (DevOps). Topics include software development life circles and DevOps workflow, architecture and scalability of software deployment and management tools. Prerequisite: a minimum grade of 2.7 in T INFO 501; a minimum grade of 2.7 in T INFO 502; a minimum grade of 2.7 in T INFO 503; a minimum grade of 2.7 in T INFO 504; and a minimum grade of 2.7 in T INFO 598.
View course details in MyPlan: T INFO 590

T INFO 595 Special Topics in Information Technology (5, max. 10)
Examines current topics and issues associated with Information Technology.
View course details in MyPlan: T INFO 595

T INFO 598 Master's Seminar (2)
Surveys the literature pertinent to a master's degree in Information Technology. Readings in theoretical and practical research are assigned to provide a grounding in Masters level work. Weekly discussions of topics taken from the readings.
View course details in MyPlan: T INFO 598

T INFO 600 Independent Study or Research (5)
Provides an opportunity to work independently exploring specific information technology topics in greater depth. The student must develop a research proposal and make arrangements with a faculty member to supervise the project prior to course registration. Prerequisite: permission of instructor.
View course details in MyPlan: T INFO 600

T INFO 601 Internship (5)
Provides an opportunity for students to pursue a significant project or practical application in an Information Technology service, industrial, or research setting. The specific internship must be discussed with, proposed to, and accepted by a faculty advisor.
View course details in MyPlan: T INFO 601

T INFO 700 Master's Thesis (1-10, max. 10)
Provides an opportunity to demonstrate comprehensive knowledge in IT. Completes a research project led by a School of Engineering and Technology graduate faculty advisor. Prerequisite: a minimum grade of 2.7 in T INFO 501; a minimum grade of 2.7 in T INFO 502; a minimum grade of 2.7 in T INFO 503; a minimum grade of 2.7 in T INFO 504; and a minimum grade of 2.7 in T INFO 598.
View course details in MyPlan: T INFO 700

T INFO 702 Capstone (1-10, max. 10)
Provides the opportunity to demonstrate comprehensive knowledge in Information Technology. Students work under the supervision of a graduate faculty advisor to design and implement an original project. The specific project must be discussed with, proposed to, and accepted by a faculty advisor. Prerequisite: either permission of faculty, or a minimum grade of 2.7 in T INFO 501; a minimum grade of 2.7 in T INFO 502; a minimum grade of 2.7 in T INFO 503; a minimum grade of 2.7 in T INFO 504; and a minimum grade of 2.7 in T INFO 598.
View course details in MyPlan: T INFO 702

INSTITUTE OF TECHNOLOGY

T INST 101 Fluency in Information Technology (5) RSN
Introduces skills, concepts, and capabilities necessary to effectively use information technology. Includes logical reasoning, managing complexity, operation of computers and networks, and contemporary applications such as effective Web searching and database manipulation, ethical aspects, and social impacts of information

technology. Cannot be taken for credit if credit has already been earned for TCSS 142.
View course details in MyPlan: T INST 101

T INST 207 Living and Working in a Virtual World: Technologies of the World Wide Web (3) SSc
Explores some of the important technological principles underlying the World Wide Web as it pertains to the creation and maintenance of virtual communities and the access to information. Provides a deeper understanding of how these principles can empower one to live effectively in a virtual community.
View course details in MyPlan: T INST 207

T INST 310 Computational Problem Solving (5) RSN
Covers the fundamental framework for developing computational solutions to a variety of problems encountered in the world. Explores methods of analyzing and characterizing problems, and of developing a computational solution. Introduces computer programming, and explores and compares various types of programming methods. This minor is not available to CSS majors.
View course details in MyPlan: T INST 310

T INST 311 Database Management and Data Analysis (5) RSN
Covers methods for transforming data into information through a database management system, how to query it interactively, how to visualize it in a meaningful way, how to share it on the Internet, and how to analyze it. This minor is not available to CSS majors. Course overlaps with: TBANLT 411.
View course details in MyPlan: T INST 311

T INST 312 Computer Networks and the Internet (5) RSN
Presents the impact of network computers on society. Introduces a variety of Web development technologies for producing dynamic Web sites. Provides a practical approach to solve Web development problems in a wide range of application areas. This Minor is not available to CSS majors.
View course details in MyPlan: T INST 312

T INST 401 Technology in the Service of Society: A Seminar in the Integration of Technology and Social Interests (5) SSc
Explores the use of technologies as one essential component in solving globally important problems. Emphasis may vary to focus on such issues as the global commons, economic inequities, and population dynamics. Examines public policies that impact technological development.
View course details in MyPlan: T INST 401

T INST 475 Entrepreneurship in Computing and Software Systems (5)
Study of the process of developing a product or service in the field of computing and software systems, preparing a plan for commercialization, and implementing that plan. Prerequisite: either TCSS 360 or T INST 310; may not be repeated after achieving a minimum grade of 2.0.
View course details in MyPlan: T INST 475

T INST 490 Special Topics in Applied Computing (5, max. 15)
Examines current topics and issues in applied computing.
View course details in MyPlan: T INST 490

T INST 493 Technology and Society: a Global Perspective Study Abroad (12) SSc/A&H
Discuss contemporary issues in the intersection of technical and societal areas. Among the topics that can be covered we remark: (i) Ethical problems created by technological advancements; (ii) How technology affects societal relations and vice-versa. These general questions are studied in the light of a current and pressing developments as portrayed in the news.
View course details in MyPlan: T INST 493

T INST 498 Directed Readings in Applied Computing (1-5, max. 10)
Readings in timely subjects in applied computing as specified in agreement with faculty member. Prerequisite: T INST 310.
View course details in MyPlan: T INST 498

T INST 499 Research in Applied Computing (1-5, max. 10)
Design and implementation of a research study as specified in a contract with faculty member. Prerequisite: T INST 310.
View course details in MyPlan: T INST 499

MECHANICAL ENGINEERING

TME 221 Statics (4)
Applies vector analysis to equilibrium of rigid body systems and subsystems. Includes force and moment resultants, free body diagrams, internal forces, and friction. Analyzes basic structural and machine systems and components. Course equivalent to: B ME 221. Course overlaps with: A A 210. Prerequisite: a minimum grade of 2.0 in either TMATH 125 or MATH 125; and a minimum grade of 2.0 in either T PHYS 121 or PHYS 121.
View course details in MyPlan: TME 221

TME 222 Mechanics of Materials (4)
Introduces deformations of solids in response to external loads and effects of deformations on stability and material behavior. Develops basic relationships among loads, stresses, and deflections of structural and machine elements such as rods, shafts, and beams. Course equivalent to: B ME 222. Course overlaps with: CEE 220. Prerequisite: a minimum grade of 2.0 in TME 221.
View course details in MyPlan: TME 222

TME 223 Dynamics (4)
Covers kinematics of particles, systems of particles, and rigid bodies; moving reference frames; equilibrium, energy, linear momentum, angular momentum. Course equivalent to: M E 230 and B ME 223. Prerequisite: a minimum grade of 2.0 in TME 221; and a minimum grade of 2.0 in either T MATH 126 or MATH 126.
View course details in MyPlan: TME 223

TME 310 Computational Physical Modeling I (2)
Computational methods for analyzing mathematical representations of physical processes. The concepts are practiced through examples involving differential equations and programming with computational linear algebra manifest in MATLAB. Course overlaps with: B ENGR 310.
View course details in MyPlan: TME 310

TME 311 Computational Physical Modeling II (2)
Analyzes mathematical models of physical processes using computational methods. Develops critical judgment in selecting appropriate tools, identifying incorrect solutions, and refining results. Reinforces concepts through examples and programming with computational linear algebra using MATLAB. Prerequisite: a minimum grade of 2.0 in TME 310.
View course details in MyPlan: TME 311

TME 315 Introduction to 3D Modeling, Design, and Analysis (5) A&H
Covers design, representation, and analysis of three-dimensional objects using computational methods and computer-aided design (CAD). Topics include free hand sketching, optimization of design parameters, documentation and communication of design information using appropriate engineering standards and practices. Course overlaps with: M E 123 and B ME 315.
View course details in MyPlan: TME 315

TME 320 Fundamentals of Material Science (4)
Introduces properties of metals, ceramics, polymers, and composites in relation to their internal subatomic, microscopic, and macroscopic structures. Incorporates materials testing, analysis of failure, and engineering of materials to achieve desired function and performance. Course overlaps with: MSE 170 and B ENGR 320.
View course details in MyPlan: TME 320

TME 331 Thermodynamics (5)
Covers the First and Second Laws of thermodynamics, and their application in open and closed systems. Includes thermal and thermodynamic properties of materials, gas laws, entropy, and introduction to heat transfer. Co-requisite: TME 310. Course overlaps with: M E 323 and B ME 331.
View course details in MyPlan: TME 331

TME 332 Fluid Mechanics (5)
Covers momentum transfer in internal and external fluid flow, analysis of fluid flow systems, and fluid flow in conjunction with convective heat transfer. Includes laboratory. Course overlaps with: TCE 347; CEE 347; M E 333; and B ME 332. Prerequisite: a minimum grade of 2.0 in TME 331; and a minimum grade of 2.0 in either TMATH 324 or MATH 224.
View course details in MyPlan: TME 332

TME 341 Mechanical Design I (5)
Covers mechanical analysis and materials selection of machine components. Includes material properties, load analysis, advanced strength of materials, impact, fracture mechanics, fatigue and reliability. Detailed materials selection methodology and associated manufacturing processes are introduced. Course overlaps with: M E 356; M E 440; and B ME 341. Prerequisite: a minimum grade of 2.0 in either TME 222 or CEE 220.
View course details in MyPlan: TME 341

TME 342 Mechanical Design II (5)
Analytical techniques are presented for the design and analysis of a variety of mechanical components including fasteners, welded joints, springs, bearings, clutches and brakes, shafts, and gears. Materials selection considerations included. Lubrication principles are introduced through bearing analysis. Course overlaps with: M E 356 and B ME 342. Prerequisite: a minimum grade of 2.0 in TME 341.
View course details in MyPlan: TME 342

TME 345 Machining Fundamentals (3)
Introduction to the principles and operations of metal removal processes emphasizing drilling, milling, lathe, sawing, and grinding processes, in order to provide the new engineer with insight during a design process of the capabilities and limitations of these various machining techniques. Includes laboratory. Course overlaps with: M E 355 and B ME 345. Prerequisite: a minimum grade of 2.0 in TME 320.
View course details in MyPlan: TME 345

TME 351 Engineering Probability and Statistics (3)
Covers the role of statistics in engineering, probability, random variables and probability distributions, joint probability distributions, random sampling and data description, point estimation of parameters, statistical intervals for samples, and tests of hypotheses. Course overlaps with: TCES 380; TMATH 390; IND E 315; Q SCI 381; STAT 220; STMATH 341; and STMATH 390.
View course details in MyPlan: TME 351

TME 373 System Dynamics and Controls (5)
Covers dynamic system modeling (mechanical, electrical, fluid, and thermos systems); linear oscillator analysis (Laplace transforms, Fourier transforms, eigenvalue problems, and modal analysis); performance specifications of feedback control systems; and controller designs for single input single output systems. Includes laboratory.

Course equivalent to: B ME 343. Course overlaps with: M E 471. Prerequisite: a minimum grade of 2.0 in TME 315.
View course details in MyPlan: TME 373

TME 390 Undergraduate Seminar in Mechanical Engineering (1/2, max. 12)
Enhances problem-solving skills. Includes lectures and problem sessions in mathematics, programming, problem solving, mechanical engineering applications, and career preparation topics. Credit/no-credit only.
View course details in MyPlan: TME 390

TME 402 Engineering License Exam Review (1, max. 3)
Review of core requirements, including engineering math, probability, and statistics, computational tools, economics, and ethics. Review of civil engineering fundamentals, including statics, dynamics, mechanics of materials, materials, and fluid mechanics. Review of core mechanical engineering areas. Testing of student competence in all these topics. Credit/no-credit only.
View course details in MyPlan: TME 402

TME 403 Engineering Economics (2)
Studies methods and techniques used in determining comparative financial desirability of engineering alternatives, and the application of these approaches to challenges in urban infrastructure development with a focus on the South Sound Region. Includes time value of money (interest), depreciation methods and modern techniques for analysis of management decisions. Course overlaps with: B ME 482. Prerequisite: a minimum grade of 2.0 in TMATH 124.
View course details in MyPlan: TME 403

TME 410 Fundamentals of Biological Engineering (4)
Introduces the fundamentals of bioengineering for engineers and biologists. Covers introductory biology (DNA/RNA, proteins, cells, tissues, organs, and biological systems), introductory mechanical engineering (statics, dynamics, and mechanics of materials) and integrated topics such as structure-function relationships, biomechanics, biotransport, and techniques in biomedical science and engineering.
View course details in MyPlan: TME 410

TME 411 Transport Phenomena for Biomedical Engineering (4)
Students explore the analytical techniques used to solve problems in biological mass and heat transfer, leading to design applications. Topics include biomedical engineering applications of diffusive and convective heat and mass transfer, determination of biological fluid properties, and the design of biomedical engineering systems. Prerequisite: a minimum grade of 2.0 in TME 332; and a minimum grade of 2.0 in TME 433.
View course details in MyPlan: TME 411

TME 412 Introduction to Cryo-Biomedical Engineering (4)
Introduces the study of cell behavior (including interaction between cells and environment) at low temperatures. Topics include basic knowledge required in the Cryobiology research and obtained from thermodynamics, heat-mass transfer, non-equilibrium thermodynamics, ice nucleation theory, biophysics, and biology; mechanisms and hypotheses related to cell cryoinjury during cryopreservation.
View course details in MyPlan: TME 412

TME 415 Sustainable Engineering and Design (4)
Introduction to issues in international sustainable development from an engineering perspective. Includes design process best practices for sustainable design and circular economy principles. Combines current approaches and potential pitfalls with work on group projects related to sustainable development. Develops research and design skills using real life projects. Course overlaps with: M E 415/CEE 495/ENVIR 415.

Prerequisite: a minimum grade of 2.0 in TME 342.
View course details in MyPlan: TME 415

TME 416 Life-Cycle Assessment (4)
Life Cycle Assessment (LCA) is a structured research method to evaluate the impacts of a product, process, or service through all stages of its life cycle (i.e., from materials extraction through manufacturing, use, and retirement). "Impacts" relate to the environment, economics/business, and society. Course topics include the design of the LCA, life-cycle inventory, and analysis of LCA impacts. Prerequisite: a minimum grade of 2.0 in TME 331.
View course details in MyPlan: TME 416

TME 425 Energy Efficiency in Buildings (4)
Explore the way energy efficiency, air conditioning system, and green design interact in buildings. Includes calculations for air conditioning processes and building cooling load calculations. Includes design and analysis, computerized cooling load calculations, equipment selection, and design standards for green building systems. Course overlaps with: B ME 435. Prerequisite: a minimum grade of 2.0 in TME 433.
View course details in MyPlan: TME 425

TME 426 Renewable Energy Systems (4)
Covers renewable energy systems including photovoltaic, wind, geothermal systems, biofuels, and tidal energy. Overview of renewable energy credits, renewable energy policy, sustainability definitions, life cycle assessment, and exergy assessment techniques. Course overlaps with: M E 442/CHEM E 442. Prerequisite: a minimum grade of 2.0 in TME 331.
View course details in MyPlan: TME 426

TME 431 Introduction to Commercial Aircraft Engineering (1)
Explores engineering applications of commercial aircraft in a seminar format. Provides students with an introduction to commercial aircraft in various functional areas including structures, manufacturing, and flight sciences. Provides an overview on how airplane structural materials, manufacturing, design and certification are linked and constrained by engineering, industry, the customer, regulations, and economic considerations.
View course details in MyPlan: TME 431

TME 432 Introduction to Innovative Manufacturing (2)
Introduces the process of innovation in manufacturing at the upper division level. Students explore topics including additive manufacturing, low-carbon manufacturing, and supply chain issues. Students will work in teams to develop innovative design and manufacturing solutions for industry partners. Course discusses related career topics including leadership, teamwork, and manufacturing jobs for engineers.
View course details in MyPlan: TME 432

TME 433 Heat Transfer (5)
Analysis and design of systems combining principles of thermodynamics, fluid mechanics, heat, and momentum transfer. Topics include thermal modeling and process optimization. Course overlaps with: M E 331 and B ME 333. Prerequisite: a minimum grade of 2.0 in TME 311.
View course details in MyPlan: TME 433

TME 435 Thermal System Design (4)
Covers exergy, details of thermal cycles, fundamentals of air conditioning cycles, and psychrometrics. Includes design, optimization, and analysis using thermodynamic software and tools. Includes a laboratory section. Course overlaps with: M E 425 and B ME 435. Prerequisite: a minimum grade of 2.0 in TME 331 and a minimum grade of 2.0 in TME 433.
View course details in MyPlan: TME 435

TME 436 Power Plant Systems (4)
Covers thermal power plant history, cycles, design, and modeling. Students will explore power plant optimization and details of components like heat exchangers, pumps, and turbines. Pollution control strategies and global warming contributions will be discussed. Prerequisite: a minimum grade of 2.0 in TME 331.
View course details in MyPlan: TME 436

TME 441 Mechatronics (5)
Introduction to microprocessor controlled electromechanical systems, including microcontroller architecture, memory organization, and C language programming. Interfacing sensors and actuators to computers. Laboratory included. Course overlaps with: E E 475/CSE 475; M E 477; and B ME 460. Prerequisite: a minimum grade of 2.0 in either TCES 215 or E E 215; and a minimum grade of 2.0 in TME 373.
View course details in MyPlan: TME 441

TME 444 Mechanical Vibrations (4)
Covers vibration of mechanical systems including, systems with one degree of freedom, Lagrange's equations of motion for multiple degree of freedom systems, introduction to matrix methods, transfer functions for harmonic response, impulse response, and step response, convolution integrals for response to arbitrary inputs, principle frequencies and modes. Course overlaps with: M E 470.
View course details in MyPlan: TME 444

TME 445 Manufacturing Processes (4)
Introduces manufacturing processing methods as employed in contemporary practice. Includes interrelationships between the properties of the material, the manufacturing process, and the design of components. Course overlaps with: M E 355. Prerequisite: a minimum grade of 2.0 in TME 320; and a minimum grade of 2.0 in TME 345.
View course details in MyPlan: TME 445

TME 447 Advanced Mechatronics (4)
Covers signals and system control, mechatronic products, metrology and nanometrology, automatic control and robotics, biomedical engineering, photonics, design manufacturing and testing of Microelectromechanical systems. Prerequisite: a minimum grade of 2.0 in TME 441.
View course details in MyPlan: TME 447

TME 449 Robotics (4)
Topics include simulation, kinematics, control, optimization, and probabilistic inference. Concepts are motivated using common robotics applications and programming exercises. Prerequisite: a minimum grade of 2.0 in TME 443.
View course details in MyPlan: TME 449

TME 450 Biomechanics (4)
Examines human and comparative biomechanics with emphasis on motion and kinematics. Applies engineering tools to analyze movement and biomechanical function. Develops foundational understanding of how living systems move and how to study them using quantitative methods. Course overlaps with: M E 412. Prerequisite: a minimum grade of 2.0 in either T PHYS 121, PHYS 121, or both PHYS 114 and PHYS 117; and a minimum grade of 2.0 in either TME 310, TMATH 110, or STAT 220, any of which may be taken concurrently.
View course details in MyPlan: TME 450

TME 478 Finite Element Analysis (4)
Introduces the fundamentals of the finite element methods. Beginning with simple one-dimensional problems, continuing to two- and three-dimensional problems, and ending with applications in heat transfer and solid mechanics. Covers modeling, mathematical formulation, and computer implementation. Course equivalent to:

M E 478. Prerequisite: a minimum grade of 2.0 in TME 311 and a minimum grade of 2.0 in TME 315.
View course details in MyPlan: TME 478

TME 479 Computational Fluid Dynamics (4)
Covers the use of modern computational fluid dynamics software in mechanical engineering. Build, solve, and visualize fluid-flow models to gain a deeper understanding of the principles of fluid mechanics. Topics include modeling structures, techniques, transient systems and turbulence methods. Prerequisite: a minimum grade of 2.0 in TME 311; a minimum grade of 2.0 in TME 315; and a minimum grade of 2.0 in TMATH 307.
View course details in MyPlan: TME 479

TME 480 Senior Project I (2)
Covers the preparation for conducting the senior project systems analysis and design (TME 481), and implementation, testing, and delivery (TME 482). Includes case studies of engineering projects. Prerequisite: a minimum grade of 2.0 in TME 342.
View course details in MyPlan: TME 480

TME 481 Senior Project II (3)
Provides guidance to project teams to analyze client needs, develop problem statements, specifications, and plans for implantation of project deliverables. Guides integration of knowledge learned in prior courses in preparation for completion of the senior projects in TME 482. Prerequisite: a minimum grade of 2.0 in TME 480.
View course details in MyPlan: TME 481

TME 482 Senior Project III (4)
Project teams will implement, test, and deliver project deliverables (product), completing the Senior Design requirement for the degree. Prerequisite: a minimum grade of 2.0 in TME 342; a minimum grade of 2.0 in TME 351; a minimum grade of 2.0 in TME 433; a minimum grade of 2.0 in TME 435; and a minimum grade of 2.0 in TME 441.
View course details in MyPlan: TME 482

TME 489 Engineering Research Methods (4)
Introduces the process of engineering research at an upper division level. Students explore a discipline specific research project and draft a research paper. Course discusses engineering research career topics including graduate programs, fellowships and funding, research organizations, publication and presentations.
View course details in MyPlan: TME 489

TME 490 Topics in Mechanical Engineering (1-5, max. 5)
Examines current topics and issues associated with mechanical engineering.
View course details in MyPlan: TME 490

TME 491 Seminar in Mechanical Engineering (1-3, max. 3)
Enhances problem-solving and teamwork skills. Includes sessions focused on the design process, professional engineering communication, and industry collaboration.
View course details in MyPlan: TME 491

TME 497 Internship in Mechanical Engineering (1-5, max. 8)
Gives experience working in a real-world environment. Demonstrates how engineering processes are conducted within an organization. Prerequisite: a minimum grade of 2.0 in TME 345.
View course details in MyPlan: TME 497

TME 498 Directed Readings in Mechanical Engineering (1-5, max. 5)
Facilitates pursuit of knowledge in a specific area through readings of technical publications as specified in an

agreement with the faculty supervisor.
View course details in MyPlan: TME 498

TME 499 Undergraduate Research in Mechanical Engineering (1-5, max. 5)
Provides opportunities to pursue research in an area that is of interest. Gives experience specifying, designing, implementing, and evaluating a research project.
View course details in MyPlan: TME 499

Global Affairs

T INTL 300 Foreign Study (*, max. 15)
View course details in MyPlan: T INTL 300

T INTL 399 Foreign Study (*, max. 15)
View course details in MyPlan: T INTL 399

T INTL 500 Foreign Study (*, max. 15)
View course details in MyPlan: T INTL 500

Global Honors

T GH 101 Introduction to Global Honors (2)
Introduces students to the key concepts of globalization, the expectations of the Global Honors Program, and the value of an interdisciplinary, globally-engaged education. Provides information and access to student engagement opportunities and campus resources. Offered: A.
View course details in MyPlan: T GH 101

T GH 203 Themes in Global Honors (5)
Explores connections between the local and global, and between the individual, the community, and the world, through a given theme. Draws on broad interdisciplinary and international perspectives.
View course details in MyPlan: T GH 203

T GH 300 Re-Orienting the Global (2) SSc
Provides historically grounded introduction to such concepts as cultural imperialism, colonialism, post colonialism, capitalism, and globalization. Examines relevance of concepts in current global affairs. Provides information on study abroad and service-learning opportunities, as well as expectations of the Global Honors Program.
View course details in MyPlan: T GH 300

T GH 301 Global Interactions (5) SSc
Examines the major intellectual and political movements that marked the human experience in the 20th century. Examines nationalism, fascism, and other political philosophies, as well as governments' relationships to the natural environment and to one another.
View course details in MyPlan: T GH 301

T GH 302 Global Imaginations (5) A&H
Accommodates the study of major themes, concepts, trends or techniques that permeate world literature, visual arts, music, dance, theatre and other forms of creative expression. The specific art forms and issues examined vary. Also considers marginalized forms of aesthetic expression that have generated cross-cultural debate about modern concepts of "art" and their relation to diverse forms of meaning and value.
View course details in MyPlan: T GH 302

T GH 303 Global Challenges (5) SSc
Examines major challenges facing the world in the 21st century. Covers contemporary issues as economic development, poverty and the distribution of resources, ecological concerns, public health, global conflict,

nationalism, race, religion, and human rights.
View course details in MyPlan: T GH 303

T GH 304 Global Science (5) NSc
Builds scientific literacy and data skills through reading and inquiry into natural science topics of global relevance. Uses a global framework to evaluate peer-reviewed scientific research in a broader context. Emphasizes interdisciplinarity in understanding scientific approaches, conducting independent inquiry, and identifying solutions to global challenges. Course overlaps with: HONORS 220; HONORS 221; and HONORS 222.
View course details in MyPlan: T GH 304

T GH 399 Global Honors Study Abroad (3-15, max. 15)
Offered: AWSpS.
View course details in MyPlan: T GH 399

T GH 490 Research Methods Seminar (2)
Methods seminar required for seniors in the Global Honors program who are preparing their senior thesis or project. Prerequisite: T GH 301; T GH 302; T GH 303. Offered: AW.
View course details in MyPlan: T GH 490

T GH 491 Thesis Symposium (1)
Corequisite: T GH 494. Credit/no-credit only. Offered: W.
View course details in MyPlan: T GH 491

T GH 494 Thesis or Project for Global Honors - (4-5, max. 10)
Research and completion of a thesis or project approved and supervised by a full-time UWT faculty member on a significant scholarly topic, for students admitted to the Global Honors Program. Prerequisite: T GH 301; T GH 302; T GH 303; T GH 490. Offered: AWSpS.
View course details in MyPlan: T GH 494

T GH 495 Independent Study (1-5, max. 10)
View course details in MyPlan: T GH 495

T GH 496 Experiential Learning in Global Honors (5)
Uses globally-focuses experiential learning projects such as internships, community service to locally-based international or immigrant populations, or related work intended to develop an appreciation of the processes of globalization. Integrates experience with theoretical understanding of globalization and global citizenship. Offered: AWSpS.
View course details in MyPlan: T GH 496

School of Interdisciplinary Arts & Sciences

AMERICAN STUDIES

T AMST 101 American Art, Place & Space (5) SSc/A&H
Explores the aesthetic, emotional and cultural power of scale, emptiness, grandeur, and congestion in American places employing interactive presentation/discussion formats. Examines unique aspects of "American" spaces through individual and collaborative experiments, including studio-based art, research, and investigation of the work of artists who inhabit, respond to, and represent "space."
View course details in MyPlan: T AMST 101

T AMST 120 Mythic America (5) A&H/SSc
Defines myths as stories and beliefs that help structure our experiences living and participating in American social, cultural, political, and economic structures. Studies myths through a variety of materials and readings might include myths of success, individualism, or education, including their contributions to ethnic, gender, and class constructions.
View course details in MyPlan: T AMST 120

T AMST 210 American Cultures and Perspectives: Class, Ethnicity, Gender, and Race (5) A&H/SSc, DIV
Introduces approaches and questions central to American Studies. Focuses on how perspectives on America have evolved over time, how artists, intellectuals, and others envision America's diverse cultures, and how social issues play a role in the making of American cultures and nationhood.
View course details in MyPlan: T AMST 210

T AMST 220 Introduction to Popular Culture (5) A&H
Explores genres and themes across 20th and 21st century U.S. popular culture. Emphasizes the practice and acquisition of the methodological tools needed to situate the interpretation of cultural text (literature, art, music, film, comics, and television) within historical and sociopolitical contexts.
View course details in MyPlan: T AMST 220

T AMST 250 Science Fiction in American Culture (5) SSc/A&H
Explores American experiences and spaces through analysis of science fiction, science fact and related approaches as they shed light on current experiences for identity, cultural difference and society. Focuses on the cultural experiences of fandom, images, products, technologies, the futures industry, the human/nonhuman and innovation, among others.
View course details in MyPlan: T AMST 250

T AMST 260 Introduction to Queer Studies (5) SSc, DIV
Introduces students to major concepts and questions in the interdisciplinary field of lesbian, gay, bisexual, transgender, and queer studies. Course overlaps with: GWSS 274.
View course details in MyPlan: T AMST 260

T AMST 333 American Mama: Childbirth and Motherhood (5) SSc
Offers interdisciplinary look at childbirth and motherhood to consider how social, historical, and cultural forces shape our experiences of reproduction.
View course details in MyPlan: T AMST 333

T AMST 350 American Food Studies (5) SSc
Examines the experiences, meanings and roles of food in American cultures during the past and present. Explores topics commonly discussed in Food Studies by considering how forms of culture and social

experiences relate to issues such as food-based tradition, community, ethics, identity, justice, and social struggle, among others. Course overlaps with: SOC 420.
View course details in MyPlan: T AMST 350

T AMST 410 Studies in U.S. Popular Culture (5) A&H
Examines how popular culture reflects and shapes our understanding of a key social issue. Emphasizes the critical interpretation of literature, art, music, film, television, and other media in historical and sociopolitical contexts. Also explores how evolving media technologies have affected popular representations of the chosen topic.
View course details in MyPlan: T AMST 410

T AMST 420 Drugs and U.S. Culture (5) SSc
Explores U.S. cultural frameworks of psychoactive drug use, development, marketing, and regulation as represented through the arts, popular culture, industry, criminal justice, healthcare, and public policy. Through critical examination of these discourses, considers the complex social politics of psychoactive substance in contemporary American lives.
View course details in MyPlan: T AMST 420

T AMST 430 Queer Performances (5) A&H, DIV
Examines how sexual identity is imagined and performed in artistic narratives and daily lives. Explores how American performances create and discuss sexual identities, including gay and lesbian identities. Students assess how sexual identity intersects with ethnicity and how theories of performativity shed light on American narratives.
View course details in MyPlan: T AMST 430

T AMST 440 Gender and American Childhood (5) SSc
Examines the ways in which femininity and masculinity are taught to children, and how gender shapes American culture. Analyzes cultural products such as movies, books, to understand how gender I constructed, how these constructions become cultural norms, and how these popular assumptions about gender impact our own lives.
View course details in MyPlan: T AMST 440

T AMST 450 Monstrous Imagination (5) A&H
Explores the role of the monstrous other in British and American culture. Examines the ideological dimensions of the monstrous as a means of understanding the social boundaries of human experience. Emphasizes the critical interpretation of literature, art, music, film, and television. Prerequisite: any 100-level, 200-level, or 300-level T AMST, T FILM, or T LIT course.
View course details in MyPlan: T AMST 450

T AMST 490 American Studies Capstone (5)
Revisits and frames issues previously raised to develop a more complex and nuanced understanding of American social issues within a global or transnational context. Supports students in developing and presenting their final projects. Prerequisite: T AMST 210; 10 credits of 300-400 level American Studies courses; either TCOM 353 or T WOMN 302, which may be taken concurrently.
View course details in MyPlan: T AMST 490

ANTHROPOLOGY

T ANTH 101 Introduction to Anthropology (5) SSc
Introduction to the subfields of archaeology, biocultural anthropology, and sociocultural anthropology through the examination of selected problems in human physical, cultural, and social evolution. Not recommended for

students who have had other courses in anthropology, archaeology, or biocultural anthropology. Course equivalent to: ANTH 100.
View course details in MyPlan: T ANTH 101

T ANTH 201 Principles of Biological Anthropology (5) NSc
Evolution and adaptation of the human species. Evidence from fossil record and living populations of monkeys, apes, and humans. Interrelationships between human physical and cultural variation and environment; role of natural selection in shaping our evolutionary past, present, and future. Course equivalent to: BIO A 201.
View course details in MyPlan: T ANTH 201

T ANTH 354 History of the Concept of Culture (5) SSc
Investigates the historical concept of culture, from its origins in the nineteenth-century notions of "race" and "evolution," through its later development in twentieth-century popular and anthropological usages.
View course details in MyPlan: T ANTH 354

T ANTH 365 North American Indian Traditions (5) SSc
Explores major traditional practices developed in Native North America. Focuses on world view, religious expression, the problems of change, and the contemporary viability of core elements associated with these traditions.
View course details in MyPlan: T ANTH 365

T ANTH 453 Health, Illness, and Culture (5) SSc
Explores the meanings of health and illness in contemporary American culture and considers historical, cross-cultural, and literary examples. Studies health, illness, and therapeutic and preventive practices and how they provide crucial insights into aspects of American culture and society.
View course details in MyPlan: T ANTH 453

T ANTH 454 Seminar on Health and Culture (5) SSc
Historical, anthropological, and sociological approaches to the meaning of health in modern contemporary cultures. Exploration of how the expansion of medical, political, and educative discourses about health and health hazards have shaped consciousness, identity, and social practice. Seminar format (discussion-based class sessions and presentation of library research).
View course details in MyPlan: T ANTH 454

T ANTH 480 Linguistics Method and Theory (5) SSc/A&H
Examines major linguistics theories in phonology, syntax and semantics, linguistics analysis and argumentation.
View course details in MyPlan: T ANTH 480

ARTS

T ARTS 101 Play and Place: Introduction to Creative Practices (5) A&H
Develops creative, collaborative and problem-solving skills in the context of visual arts practice and exploration of the local environment. Explores the role of "play" in artistic process, and develops new ways of thinking and working that allow us to develop creative ideas.
View course details in MyPlan: T ARTS 101

T ARTS 102 World Voices Vocal Ensemble I (1, max. 5) A&H
Introductory study in singing and musicianship. Performance of different types of choral music ranging from Gospel to Call and Response, contemporary and historic music of world cultures, as well as popular style. Open to all University of Washington students, faculty, and community. Credit/no-credit only.
View course details in MyPlan: T ARTS 102

T ARTS 103 World Voices Vocal Ensemble II (1, max. 5) A&H
Extended study in singing and musicianship. Explores advanced repertoire in different types of choral music ranging from Gospel, to Call and Response, music of world cultures both contemporary and historic, along with personal vocal study. Open to all students. Corequisite: T ARTS 102. Credit/no-credit only.
View course details in MyPlan: T ARTS 103

T ARTS 110 Music in Culture (1, max. 3) A&H
Explores music and social expression through innovative and collaborative projects. Investigates roles of music in addressing issues of social justice and resistance, issues of cultural and identity and history, and popular culture.
View course details in MyPlan: T ARTS 110

T ARTS 115 Beginning Piano (3) A&H
Provides group instruction in the fundamentals of keyboard technique, including correct playing techniques, music reading, elementary music theory, and development of effective practice habits. Intended for the beginning pianist, with no prior musical experience assumed. Portable keyboard required for in-class participation and individual practice.
View course details in MyPlan: T ARTS 115

T ARTS 120 History of Classical Music (5) A&H
Introduces students to western art music from the following periods: Medieval, Renaissance, Baroque, Classical, Romantic, Modern, and Postmodern. Develops listening skills as the vehicle through which specific musical concepts are examined. Provides analytical and critical tools to develop a historically informed appreciation of this tradition.
View course details in MyPlan: T ARTS 120

T ARTS 125 Introduction to Western Music Theory (5) A&H
Explores rudiments of music in the Western tradition; notation of time, small pitch structures, some analysis and composition for non-music majors with no prior hands-on music experience. Course overlaps with: MUSIC 116 and MUSIC 117.
View course details in MyPlan: T ARTS 125

T ARTS 150 Introduction to Theatre (5) A&H
Explores the aesthetic principles of theatre to provide a foundation for attending, enjoying, and analyzing the live theatrical experience. Focus is placed on the specific roles of the playwright, director, actor, designer, and audience; and the critical skills and vocabulary to better appreciate and evaluate theatre. Course equivalent to: DRAMA 101. Offered: AWSpS.
View course details in MyPlan: T ARTS 150

T ARTS 151 Fundamentals of Acting (5) A&H
Explores fundamentals of acting, including introductory understanding of selected systems and perspectives from respected practitioners (e.g., Stanislavsky). Develops skills valuable in acting, for example, relaxation, concentration, creativity, script analysis, and action execution for performance. Course overlaps with: DRAMA 251.
View course details in MyPlan: T ARTS 151

T ARTS 160 Introduction to American Musical Theater (5) A&H
Introduces students to the history and evolution of American musical theater, focusing on the American musical and its most significant writers, composers, lyricists, directors, choreographers and performers. Develops fundamental skills in musical theater performance, with practical application of acting, singing, and

movement techniques. Course overlaps with: DRAMA 171 and MUSIC 161.
View course details in MyPlan: T ARTS 160

T ARTS 200 Studio Foundation I: Contemporary Art Strategies (5, max. 15) A&H
Provides hands-on experience in studio art with a variety of visual and performative strategies while introducing them to narrative and symbolic forms. Explores how to use images, objects and interventions in time and space, and learn skills for conceptually-based art making.
View course details in MyPlan: T ARTS 200

T ARTS 203 Body Image and Art (5) A&H
Explores questions about body image through contemporary art making strategies. Examines how the human body is portrayed in popular visual media, considers relevant art history, and uses drawing, collage, photography, and site-specific projects to investigate the students' stories about the body.
View course details in MyPlan: T ARTS 203

T ARTS 210 The African Diaspora through Music: The Rhythm, the Blues, and Beyond (5) SSc/A&H
Traces the evolution of the blues from its African indigenous roots, through slavery in the American South, and the cultural assimilation of various elements that influenced its development. Examines the impact on U.S. and global culture, and explores the contemporary African immigrant population in our region.
View course details in MyPlan: T ARTS 210

T ARTS 220 Exploring Classical Music in our Community (2) A&H
Explores western art music, or 'classical music', through current concert offerings in the Tacoma community. Presents a broad survey of the primary periods of classical music history. Exposes students to current issues in the music business, locally and globally. Attendance of four off-campus concerts required.
View course details in MyPlan: T ARTS 220

T ARTS 225 Musical History of Tacoma (5) A&H
Explores a diverse range of musicians and musical genres through the lens of Tacoma's history. Utilizing primary source readings, listening examples, and guest lectures by local musicians and historians, presents a survey of the musical history of Tacoma, from the region's native peoples and early settlers to the present day.
View course details in MyPlan: T ARTS 225

T ARTS 230 Issues in the Arts (5) A&H
Employs interactive presentation and discussion format, culminating in a collaborative community-based art proposal. Topics include aesthetic and conceptual strategies; roles of art and artists in contemporary culture, censorship, sexism, racism, and political issues; and the evolving roles of making, technology, and social media in individual, collaborative, and hybrid art practices.
View course details in MyPlan: T ARTS 230

T ARTS 240 Landscape in Contemporary Art (5) A&H
Develops alternative means of expressing and communicating ideas about landscape through a variety of art projects and proposals. Examines the changing role of landscape in art and the influences of environmentalism, politics and global culture in those changes. Includes: field trips, art projects, reading, process book, and project proposals.
View course details in MyPlan: T ARTS 240

T ARTS 251 Intermediate Acting: Scene Study (5) A&H
Refines fundamentals of acting utilizing early 20th century European authors and theatrical styles of naturalism and realism as they pertain to acting and the creation of character. Application of Stanislavsky, Chekhov, and other relevant methodologies in order to develop advanced skills such as psychological motivation,

concentration, subtext, and focus of attention. Course overlaps with: DRAMA 351. Prerequisite: T ARTS 151.
View course details in MyPlan: T ARTS 251

T ARTS 252 Introduction to Stage Directing (5) A&H
Introduces stage directing, covering significant figures in the history of directing as well as various approaches and methods. Focus will be on the director's craft: analyzing a script, developing an approach to the material, seeking inspiration, collaborating, casting, creating a design concept, working with actors, and staging. Course overlaps with: DRAMA 460. Offered: AWSpS.
View course details in MyPlan: T ARTS 252

T ARTS 266 The Artist as Visionary and Dreamer (5) A&H
Explores art that investigates dreams including dream journals and work with collage, painting, drawing, and photography. Focuses on reading of the artist as visionary and utopian thinker as well as contemporary dream theory as a tool for social change and healing. Concludes with a collaborative, community-based project.
View course details in MyPlan: T ARTS 266

T ARTS 280 3-Dimensional Art and Contemporary Approaches to Sculpture (5, max. 15) A&H
Examines 3-dimensional images and explores innovations and trends in contemporary sculpture. Covers formal design elements, and historic and cultural meaning. Includes studio projects, process book, reading and discussion, and research project.
View course details in MyPlan: T ARTS 280

T ARTS 281 Art and Culture in India (5) SSc/A&H
Examines contemporary India in historical and comparative contexts. Emphasizes production of diverse material objects and how they produce and represent value and significance for South Asian conceptions of self, society and the real world.
View course details in MyPlan: T ARTS 281

T ARTS 282 Art and Culture in China (5) A&H/SSc
Examines major aspects of contemporary Chinese culture in broad historical and comparative contexts. Emphasis on family, self-cultivation, virtues, and artistic refinement in the constitution of unequal social power in China. Examines modern faith systems in relation to Daoist, Confucian, Buddhist, and popular folk conceptions of life and reality.
View course details in MyPlan: T ARTS 282

T ARTS 283 Art and Culture in Japan (5) SSc/A&H
Examines material production of value and meaning for contemporary Japanese people. Explores a framework for interpreting the present in relation to the past, and recognizing common cultural strategies for cultivating a respected self in Japanese culture. Includes topics of family, gender, work, business, and aesthetics as they relate to various identities.
View course details in MyPlan: T ARTS 283

T ARTS 284 Art and Culture in the Pacific (5) A&H/SSc
Examines the personal, social, economic, and political predicaments of selected modern island nations in relation to their ancient and colonial histories. Explores complex adaptations and/or rejections of European ways, migrations, contemporary sovereignty movements, and vigorous re-assertions of local mana (modes of power, knowledge, and prestige).
View course details in MyPlan: T ARTS 284

T ARTS 285 Contemporary Chinese Art (5) A&H
Surveys the development of Chinese art across various media from the 1970s to the 2000s. It investigates key

art movements, styles and trends, influential artists and art projects, experimental exhibitions and avant-garde publications, and China's growing number of new museums, galleries, and alternative art spaces.
View course details in MyPlan: T ARTS 285

T ARTS 286 Asian American Art (5) A&H, DIV
Explores the work of artists, craftspeople, and laborers of Asian descent from 1850 to the present. It focuses on themes of belonging, cultural hybridity, and the politics of representation, through visual analyses, discussions, site visits, and collaborative projects.
View course details in MyPlan: T ARTS 286

T ARTS 311 History of Rock and Roll (5) A&H
In-depth look at the musical, social, and political history of rock and roll. From the pre-rock era of the 1940s through the fragment rock styles of the 1990s and beyond. Recorded examples and video clips underscore the tremendous changes in American popular music and culture brought by rock and roll.
View course details in MyPlan: T ARTS 311

T ARTS 314 Rap Music, Identity, and Culture (5) A&H/SSc
Explores rap music and how it has shaped our society. Examines musical aspects of rap, the culture in which it originated, and the culture that it has created.
View course details in MyPlan: T ARTS 314

T ARTS 315 Music and Crisis (5) A&H
Examines how individuals and communities use music to cope with periods of crisis. Explores a range of basic human needs and places music within that discussion. Uses case studies of social and political crises to consider how different populations use music to manage in such times.
View course details in MyPlan: T ARTS 315

T ARTS 320 Improvisational Theater and Performance in Everyday Life (5) A&H
Explores and practices theatrical improvisation as a form of creative expression, with an emphasis on fundamentals such as risk taking, status, support and trust, agreement, teamwork, active listening, and creative problem solving. Also examines connections between theatrical performances and everyday behaviors.
View course details in MyPlan: T ARTS 320

T ARTS 335 History of Photography (5) A&H
Surveys the history of photography from 1839 to the present with an emphasis on various dimensions of the medium from art to advertising, journalism, photographic documentary, surveillance and pornography. Analyzes the photograph in the context of technological advancement, aesthetics, social and cultural influences, critical and theoretical discourses. Course overlaps with: BIS 323.
View course details in MyPlan: T ARTS 335

T ARTS 336 Glass Arts (5) A&H
Covers issues related to glass arts and object making. Includes instruction in the fundamentals of glass blowing, sand casting, relief sculpture, and related mold-making practice. Emphasis on teamwork and safety in the Hot Shop.
View course details in MyPlan: T ARTS 336

T ARTS 351 Theatre Practicum (1-5, max. 15) A&H
Introduces practical skills and knowledge of what it takes to mount a theatre production by creative involvement in the planning, rehearsal and production of a show. Opportunities are available in, but not limited to, acting, design, marketing, dramaturgy, and stage management.
View course details in MyPlan: T ARTS 351

T ARTS 360 Women Artists from the Renaissance to the Present (5) A&H
Explores the painting, printmaking, photography, sculpture, and new art forms of women from the Renaissance to the present, placing their work in artistic and cultural contexts. Situates women artists in the framework of general art history to provide an overview of women artists' careers and production.
View course details in MyPlan: T ARTS 360

T ARTS 364 Feminist Drama (5) A&H, DIV
Explores feminist theory and performance through dominant theatrical works from the early 20th century until today. Examines gender classifications of dramatic styles and genres, and asks how pivotal ideas of the feminist movement are embodied in works by female playwrights. Investigates and surveys what characterizes feminist dramatic poetics.
View course details in MyPlan: T ARTS 364

T ARTS 367 Ideas Through Objects: A Conceptual Approach to Art (5) A&H
Explores the metaphorical possibilities within objects through various contemporary art-marking techniques. Emphasis on the development of meaning through the creation or manipulation of objects. Instruction in both formal and conceptual art making. Course overlaps with: BISIA 342.
View course details in MyPlan: T ARTS 367

T ARTS 368 Human Figure in Contemporary Art (5) A&H
Develops drawing skills and alternative means of expression through a variety of studio art projects based on the human figure. Considers figurative work from the Renaissance to contemporary performance artists. Includes studio projects, a process book, reading and response, and research project.
View course details in MyPlan: T ARTS 368

T ARTS 371 Theatre History: Ancient Drama (5) A&H
Explores the history of global theatre and performance from origins in North Africa and the Mediterranean, through ancient and classical Greece, Rome, and India, to Medieval Europe. Builds critical, historical, and cultural understanding through student research.
View course details in MyPlan: T ARTS 371

T ARTS 372 Theatre History: World Drama through French Neoclassicism (5) A&H
Investigates theatre and performance history including classical Chinese and Japanese theatre, Indigenous performance in the Americas, Early American Theatre, European Renaissance, English Restoration, and French Neoclassical periods. Goals include building critical, historical, and cultural understanding through student research. Course overlaps with: DRAMA 371. Offered: AWSpS.
View course details in MyPlan: T ARTS 372

T ARTS 373 Theatre History: Modern Drama (5) A&H
Explores modern and contemporary theatre and performance from the rise of realism and the early avant garde through the innovations of the twentieth century to political performance and theatre for social change across the globe. Builds critical, historical, and cultural understanding through student research. Course overlaps with: DRAMA 373. Offered: Sp.
View course details in MyPlan: T ARTS 373

T ARTS 386 Contemporary Art and Studio Drawing (5) A&H
Covers principles of drawing. Includes markmaking, outline, negative-positive relationships, proportion, perspective, and composition. Intensive, hands-on coursework.
View course details in MyPlan: T ARTS 386

T ARTS 390 Site Specificity in Art (5) A&H
Focuses on concepts of site and place through contemporary art-making procedures. Includes instruction in both formal and conceptual approaches to site-specific installation. Emphasis on creating connections and dialog between place, artist, audience.
View course details in MyPlan: T ARTS 390

T ARTS 391 Reconstructing Self in Art (5) A&H
Covers issues related to the generation of identity and change. Includes instruction in the fundamentals of conceptual object making, self-documentation, and basic three-dimensional construction techniques. Emphasis on problem solving, visual literacy, and presentation.
View course details in MyPlan: T ARTS 391

T ARTS 393 Urban Walking as Creative Practice (5) A&H
Employ, examine, and explore urban walking as creative practice. This interdisciplinary course combines aspects of drawing, movement, architecture, journalism, psychology, urban planning, and art history while learning about art and its impact on the community. Offered: AWSpS.
View course details in MyPlan: T ARTS 393

T ARTS 395 Community-Based Arts Practice (5) A&H
Investigates community-based art through experiential learning and exposure to contemporary art theory and history. Students create a community-based art project and work with local artists who are developing projects in the community.
View course details in MyPlan: T ARTS 395

T ARTS 402 Eco-Art: Art Created in Response to the Environmental Crisis (5) A&H
Investigates how art can address the environmental crisis. Experiment with contemporary art practices, creating work that reflects concerns about the environment. Discussions focus on the ways contemporary artists define eco-art, the history of the art that looks at nature, the landscape, and current ecological theory.
View course details in MyPlan: T ARTS 402

T ARTS 404 Art in a Time of War (5) A&H
Examines art that addresses the topics of war and peace. Analyzes contemporary popular media and how they frame war and violence. Students create art, read and discuss how art might prompt our society to visualize new ways of resolving conflict. Course overlaps with: JSIS B 438.
View course details in MyPlan: T ARTS 404

T ARTS 405 Cultural Identity and Art (5) A&H
Examines the concept of cultural identity and fear of difference. Through reading, analysis of contemporary media and art, and studio artwork, students make art pieces that explore cultural identity using digital photography and text, photocollage, site-specific installation, and community-based art.
View course details in MyPlan: T ARTS 405

T ARTS 406 Labor, Globalization, and Art (5) A&H
Explores issues of labor and globalization through the art process. Experiments with contemporary art practices, making projects that examine work histories and that follow the global journey of a commodity. Discussions focus on the history of labor art and how art is intersecting the global justice movement.
View course details in MyPlan: T ARTS 406

T ARTS 407 Art and the Public (5) A&H
Explores issues associated with the creation of public art. Investigates the individual's role in community establishment, cultural politics, memorialization, and visual response to social and political events that shape

our communities. Studio course, personal supplies and art display permission required.
View course details in MyPlan: T ARTS 407

T ARTS 410 Community and the Public Arts (5) A&H
Explores community-based art in our region and culture, with direct experience in research, communication, negotiation, persuasion, improvisation, and collaboration. Students engage in fund-raising, grant-writing, public speaking, problem-solving, documentation, and networking. Guest speakers introduce local social, cultural, environmental histories, and relationships between studio- and community-based art practices.
View course details in MyPlan: T ARTS 410

T ARTS 411 History of Jazz (5) A&H
Presents a broad survey of the primary periods and styles of jazz during the 20th century in the United States. Exposes students to the most innovative jazz musicians and their music as well as their contributions to American culture through the use of extensive audio and video examples.
View course details in MyPlan: T ARTS 411

T ARTS 469 Art Theories, Methods, Philosophies (5) A&H
Studies theories, methodologies, and philosophies that have shaped the practice, analysis, and criticism of art such as aesthetics, formalism, Marxism, structuralism, semiotics, psychoanalysis, feminism, and postcolonialism.
View course details in MyPlan: T ARTS 469

T ARTS 471 Culture and Meaning in the Visual Arts (5) A&H
Considers various ways of exploring the relationship of "art" to its cultural contexts. Covers US or international topics, depending on student interests.
View course details in MyPlan: T ARTS 471

T ARTS 480 Contemporary Art and Society-1945 to Present (5)
Studies major artists and creative trends since World War II within framework of popular culture. Investigates contemporary modes of creative expression within regional, national and international art scene. Frames discussions within context of historical conceptions and critical debates. Current exhibitions serve as case studies. Participation in field trips required.
View course details in MyPlan: T ARTS 480

BIOLOGY

T BIOL 102 Infectious Diseases in the 21st Century (5) NSc
Introduces core concepts of infectious disease in humans and the interaction of biology and society through lecture, case studies, contemporary examples, and biomedical literature.
View course details in MyPlan: T BIOL 102

T BIOL 110 General Biology (6) NSc
Provides a comprehensive overview of biological science, including cell and molecular biology, genetics and evolution, the diversity of life, and ecology. Covers the complexity of life from molecules to ecosystems, with a combination of lecture and hands-on laboratory exercises. Intended for non-science majors and Environmental Sustainability majors.
View course details in MyPlan: T BIOL 110

T BIOL 119 Biology Collaborative Learning Seminar (1, max. 3)
Enhances problem-solving skills for biology by having students work with a facilitator to strengthen their skills in critical thinking via group problem sessions in biology and its applications. Co-requisite: either T BIOL 120, T

BIOL 130 or T BIOL 140. Credit/no-credit only.
View course details in MyPlan: T BIOL 119

T BIOL 120 Introductory Biology I (6) NSc
Covers ecology and evolution, including genetics, Mendelian inheritance, biodiversity of life forms, and conservation biology, as well as related chemical processes in the environment. Field trips and labs required. First in a series of introductory biology courses for science majors. Cannot be taken for credit if credit received for TESC 120. Course overlaps with: BIOL 180; BIOL 240; and B BIO 180. Recommended: co-requisite: T BIOL 119
View course details in MyPlan: T BIOL 120

T BIOL 130 Introductory Biology II (6) NSc
Covers molecular and cellular biology, including the chemistry of life, metabolism and energetics, cell structure and function, and application of molecular techniques to environmental studies. Field trips and labs required. Second in a series of introductory biology courses for science majors. Cannot be taken for credit if credit received for TESC 130. Course overlaps with: BIOL 200; BIOL 240; and B BIO 200. Prerequisite: a minimum grade of 2.0 in either TESC 120 or T BIOL 120; and a minimum grade of 2.0 in either TESC 141 or T CHEM 142.
View course details in MyPlan: T BIOL 130

T BIOL 140 Introductory Biology III (6) NSc
Focuses on organismal biology including plant and animal anatomy, physiology, and development, in conjunction with applicable chemical processes. Third in a series of introductory biology courses for science majors. Includes required lab. Cannot be taken for credit if credit received for TESC 140. Course overlaps with: BIOL 220; BIOL 240; and B BIO 220. Prerequisite: a minimum grade of 2.0 in either TESC 130 or T BIOL 130; and a minimum grade of 2.0 in either TESC 151 or T CHEM 152.
View course details in MyPlan: T BIOL 140

T BIOL 202 Plant Biology and Ecology (5) NSc
Explores the biology of plants from the individual to ecosystem level. Topics include plant anatomy, physiology, reproduction, development, and adaptation; plant population and community dynamics, and plant responses to climate change. Cannot be taken for credit if credit received for TESC 202.
View course details in MyPlan: T BIOL 202

T BIOL 203 History and Ecology of Biological Invasions (5) NSc
Explores the population dynamics and ecological impacts of nonindigenous species, their prevention and control, and the ways that exotic species threaten biodiversity and regional and global economies. Examines the rapidly advancing science of invasion biology in its historical and public policy contexts. Cannot be taken for credit if credit received for TESC 402.
View course details in MyPlan: T BIOL 203

T BIOL 204 Tropical Ecology and Sustainability (5) NSc
Explores biological and cultural aspects of tropical ecosystems. Integrates concepts from environmental science, ecology, and evolution in order to gain an understanding of tropical ecology.
View course details in MyPlan: T BIOL 204

T BIOL 222 Evolution and Its Implications (5) NSc
Introduces the biological and geological evidence for evolution and the history of life on Earth. Evaluates the implications of evolutionary processes and history for current issues in health, behavior, and the environment. Course overlaps with: BIOL 354.
View course details in MyPlan: T BIOL 222

T BIOL 232 Issues in Biological Conservation (5) NSc
Considers biological and social issues underlying contemporary environmental problems. Overview of nascent discipline of conservation biology. Studies cases from Pacific Northwest (e.g., clean up of Lake Washington, Exxon Valdez oil spill, spotted owl fracas) which will form fodder for discussions as the scientific and human elements of environmental decision-making are explored. Cannot be taken for credit if credit received for TESC 232.
View course details in MyPlan: T BIOL 232

T BIOL 234 Biology, History, and Politics of Salmon in the Pacific Northwest (5) NSc
Explores issues such as the biology of salmon, habitat degradation, and the impact of salmon loss on biological and social systems through the study of history and political economy.
View course details in MyPlan: T BIOL 234

T BIOL 236 Sustainable Agriculture (5) NSc
Explores the sustainability of technological advances in global food production. Topics include the origins of agriculture, soil ecology and conservation, industrial vs. organic agriculture, integrated pest management, genetically modified organisms (GMOs), and biofuels. Cannot be taken for credit if credit received for TESC 236.
View course details in MyPlan: T BIOL 236

T BIOL 240 Human Biology and Environmental Interactions (5/6) NSc
Introduces human biological systems with a focus on environmental influences. Explores the structure and function of the major body systems (cardiovascular, endocrine, pulmonary, nervous, and excretory), and the scientific and social issues implicit in addressing human health and environmental issues.
View course details in MyPlan: T BIOL 240

T BIOL 242 Aging and Biology (5) NSc
Provides students with a scientific biological perspective on aging. Students gain an understanding of different theories of aging, normal changes associated with aging, age-related diseases, with relevant discussion on policy decisions regarding our growing aging population.
View course details in MyPlan: T BIOL 242

T BIOL 252 The Nature of Human Diversity (5) NSc, DIV
Provides genetic, evolutionary, and developmental biology perspectives on human diversity, focusing on socially relevant axes (e.g., race, gender, sexuality, congenital or developmental disability, and/or intelligence). Examines historical and current examples of how discretization of biological diversity into socially-constructed categories creates power structures that disadvantage individuals and groups of people.
View course details in MyPlan: T BIOL 252

T BIOL 260 Biopsychology (5) NSc/SSc
Focuses on the biological events that influence psychological processes and behaviors. Topics include the structure and function of the nervous system, and the biological bases of sensation and perception, motivation, learning, cognition and communication, emotion, and mental disorders. Course overlaps with: PSYCH 202 and B BIO 310. Prerequisite: a minimum grade of 2.0 in either TPSYCH 101 or PSYCH 101. Offered: jointly with TPSYCH 260.
View course details in MyPlan: T BIOL 260

T BIOL 270 Genetics and Society (5) NSc
Covers key advances and principles in genetics and molecular biology, providing background to critically evaluate controversial topics in biotechnology facing contemporary society. In considering the social impact of genetic and genomic technology, includes areas of agriculture, forensics, industry, medicine, and reproduction.

Cannot be taken for credit if credit received for TESC 370.
View course details in MyPlan: T BIOL 270

T BIOL 301 General Microbiology (6) NSc
Acquaints students with microorganisms and their activities. Topics include microbial cell structure and function, metabolism, microbial genetics, and the role of microorganisms in disease, immunity, and other applied areas. Gateway to upper-division courses in biomedical sciences. Prerequisite: a minimum grade of 2.0 in T BIOL 140; and a minimum grade of 2.0 in T CHEM 162.
View course details in MyPlan: T BIOL 301

T BIOL 302 Human Physiology (5) NSc
Immerses students in core concepts required for a fundamental understanding of human physiological systems, including GI, endocrine, and immune systems, with emphasis on cellular processes that mediate organismic processes. Gateway to upper-division courses in biomedical sciences. Prerequisite: a minimum grade of 2.0 in T BIOL 140; and a minimum grade of 2.0 in T CHEM 162.
View course details in MyPlan: T BIOL 302

T BIOL 303 Cellular Biology (6) NSc
Covers the advanced principles of biological macromolecules, cell structure and function, respiration, and selected areas of cell physiology with emphasis on regulatory mechanisms, focusing primarily on eukaryotic cells. Prerequisite: a minimum grade of 2.0 in T BIOL 140; and a minimum grade of 2.0 in T CHEM 162.
View course details in MyPlan: T BIOL 303

T BIOL 304 Molecular Biology (6) NSc
Focuses on advanced principles of gene expression at the molecular level, emphasizing transcription and translation. Provides hands-on experience applying molecular biology techniques to isolation and characterization of genes from various organisms in research-driven projects. Prerequisite: a minimum grade of 2.0 in T BIOL 140; a minimum grade of 2.0 in T CHEM 162; and a minimum grade of 2.0 in either TMATH 116 or TMATH 120.
View course details in MyPlan: T BIOL 304

T BIOL 305 Genetics and Genomics (6) NSc
Covers the basic principles of genetics, including but not limited to: Mendelian genetics, chromosome structure, population genetics, biotechnology, bioinformatics, and genome mapping and sequencing. Prerequisite: a minimum grade of 2.0 in T BIOL 140; a minimum grade of 2.0 in T CHEM 162; and T BIOL 304, which may be taken concurrently; recommended: T BIOL 301 and T BIOL 303, either of which may be taken concurrently.
View course details in MyPlan: T BIOL 305

T BIOL 306 Animal Behavior (5) NSc
Explores scientific approaches to animal behavior, emphasizing behavioral measures and experimental designs. Covers the psychological, physiological, developmental, and evolutionary principles that guide the study of animal perception, communication, foraging, and sexual and social behavior. Considers applications to animal conservation and welfare, and human decision-making. Cannot be taken for credit if credit received for TESC 306. Prerequisite: either TPSYCH 101, PSYCH 101, T BIOL 110, TESC 110, T BIOL 120, or TESC 120.
View course details in MyPlan: T BIOL 306

T BIOL 307 Applied Entomology (6/7) NSc
Explores the structure, ecology, and evolution of terrestrial arthropods, focusing primarily on insects important to agriculture, conservation, medicine, and public health, and sustainable approaches to pest control. Prerequisite: minimum grade of 2.0 in T BIOL 120.
View course details in MyPlan: T BIOL 307

T BIOL 312 Sensory and Systems Neuroscience (5/6) NSc, RSN
Examines the neuroanatomy, neurophysiology and neurochemistry of the human central nervous system circuits involved in sensation and movement (e.g. vision, taste, balance, voluntary movement), and investigates how malfunctions within these systems lead to specific sets of physiological impairments and disorders. Course overlaps with: NEUSCI 302 and NEUSCI 401. Prerequisite: either minimum grade of 2.5 in T BIOL 140 or minimum grade of 2.5 in TPSYCH 260.
View course details in MyPlan: T BIOL 312

T BIOL 313 Human Physiology (5) NSc
Immerses students in core concepts required for a fundamental understanding of human physiological systems, which may include nervous, musculoskeletal, cardiovascular, respiratory, renal, digestive, and endocrine systems, with emphasis on cellular processes that mediate organismic processes and functional outcomes. Prerequisite: a minimum grade of 2.0 in either T BIOL 140 or BIOL 220; and a minimum grade of 2.0 in either T CHEM 162 or CHEM 162.
View course details in MyPlan: T BIOL 313

T BIOL 314 Molecular Biology (6) NSc
Focuses on advanced principles of gene expression at the molecular level, emphasizing transcription and translation. Provides hands-on experience applying molecular biology techniques to isolation and characterization of genes from various organisms in research-driven projects. Course overlaps with: B BIO 375/B CHEM 375. Prerequisite: a minimum grade of 2.0 in either T BIOL 130 or BIOL 200; a minimum grade of 2.0 in either T CHEM 162 or CHEM 162; and a minimum grade of 2.0 in either TMATH 116, TMATH 120, or MATH 120.
View course details in MyPlan: T BIOL 314

T BIOL 318 Biogeography (5/6) NSc
Study of the distribution of plants and animals, as controlled by climate, geologic history and geographic location, dispersal, colonization, and invasion. Examines changes over time in distribution patterns as related to evolution, climate change, and human activities. Incorporates many disciplines including biology, ecology, anthropology, history, GIS, statistics, and geological sciences. Cannot be taken for credit if credit received for TESC 318. Prerequisite: either TESC 120 or TBIOL 120.
View course details in MyPlan: T BIOL 318

T BIOL 320 Vertebrate Anatomy and Diversity (6) NSc
Compares the anatomy of members of the vertebrate phylum in an evolutionary context. Explores vertebrate diversity and the unique adaptive modifications of the vertebrate body plan, with an emphasis on the species of the Pacific Northwest. Investigates through dissection, anatomical structures during laboratory sessions. Course overlaps with: BIOL 453. Prerequisite: T BIOL 140
View course details in MyPlan: T BIOL 320

T BIOL 323 Cellular Biology (6) NSc
Covers the advanced principles of biological macromolecules, cell structure and function as well as selected areas of cell physiology with emphasis on regulatory mechanisms, focusing primarily on eukaryotic cells. Course overlaps with: B BIO 380. Prerequisite: a minimum grade of 2.0 in either T BIOL 140 or BIOL 220; a minimum grade of 2.0 in either T CHEM 162 or CHEM 162; and a minimum grade of 2.0 in T BIOL 314.
View course details in MyPlan: T BIOL 323

T BIOL 325 Genetics and Genomics (5/6) NSc
Covers the basic principles of genetics including but not limited to: genetic variation, impact of mutation, partitioning of chromosomes during cell divisions, Mendelian genetics, quantitative traits, comparative genomics, mapping, and diseases. Course overlaps with: GENOME 361; GENOME 371; and B BIO 360. Prerequisite: a minimum grade of 2.0 in either T BIOL 140 or BIOL 220; a minimum grade of 2.0 in either T

CHEM 162 or CHEM 162; and a minimum grade of 2.0 in T BIOL 314.
View course details in MyPlan: T BIOL 325

T BIOL 331 Microbiology (6) NSc
Acquaints students with microorganisms and their activities. Topics include microbial cell structure and function, metabolism, microbial genetics, and the role of microorganisms in health and disease. Course overlaps with: MICROM 301; MICROM 410; and B BIO 370. Prerequisite: a minimum grade of 2.0 in either T BIOL 323 or T BIOL 340.
View course details in MyPlan: T BIOL 331

T BIOL 340 Ecology and Its Applications (6) NSc
Examines key processes and interactions (e.g. population growth and regulation, competition, predation, symbiosis, and the structure of biological communities) needed to understand basic ecology and its applications. Discussions of ecological theory and data from a variety of habitats are augmented by a required lab section to include field trips, computer simulations, student presentations, and primary literature analysis. Prerequisite: minimum grade of 2.0 in T BIOL 140; minimum grade of 2.0 in T CHEM 162; minimum grade of 2.0 in either TMATH 110, TMATH 116, TMATH 120, or STAT 220; and TESC 310 or TBIOMD 310, which may be taken concurrently.
View course details in MyPlan: T BIOL 340

T BIOL 350 Introduction to Epidemiology (5) NSc, RSN
Introduces core concepts of epidemiology and the application and interpretation of quantitative methods to investigate health outcomes in human populations through case studies, contemporary examples, and published literature. Cannot be taken for credit if credit received for TBIOMD 350. Prerequisite: TMATH 110 or STAT 220.
View course details in MyPlan: T BIOL 350

T BIOL 361 Psychopharmacology (5) NSc/SSc
Introduces physiological and synaptic mechanisms by which psychotropic medications are used for treatment of mental health. Topics include: research methods of pharmacology, neural communication, synaptic mechanisms of drug actions, and critical analysis of social concerns of psychopharmacological agents. Course overlaps with: NEUSCI 404. Prerequisite: a minimum grade of 2.0 in either TPSYCH 101 or PSYCH 101; and either T BIOL 140 or TPSYCH 260/T BIOL 260. Offered: jointly with TPSYCH 361.
View course details in MyPlan: T BIOL 361

T BIOL 362 Introduction to Restoration Ecology (7) NSc
Introduces ecological restoration of damaged ecosystems. Covers philosophical base of restoration as well as the social, biological and political forces that impact the success of any restoration project. Includes lectures, readings, case studies and field trips.
View course details in MyPlan: T BIOL 362

T BIOL 401 Microbial Physiology (6) NSc
Explores the physiological responses of microbes to environmental stimuli. Topics include structural, functional and biochemical features of microbial cells and their regulation. Labs build on foundational microbiology and molecular biology skills, preparing students to design, carry out and interpret a hypothesis driven experiment. Course overlaps with: MICROM 442. Prerequisite: T BIOL 301 or T BIOL 478; recommended: T BIOL 304.
View course details in MyPlan: T BIOL 401

T BIOL 404 Neotropical Field Studies Abroad: Ecology and Community (12, max. 24) NSc/SSc
Integrates natural science, culture, and socio-economic aspects of the neo-tropics with hands-on field experience in tropical ecology research. During four weeks of intensive field study abroad in the neotropics plus

pre- or follow-up sessions, students explore culture, sustainability, and biodiversity and complete an independent field project negotiated with the instructor. Cannot be taken for credit if credit received for TESC 404.
View course details in MyPlan: T BIOL 404

T BIOL 412 Behavioral and Affective Neuroscience (5) NSc
Examines contemporary evidence from the fields of behavioral and affective neuroscience to understand the relationship between brain activity, neural networks, behavior, and subjective experience in humans and non-human animals. The relationship between structure, function, and integration of the nervous system demonstrates the role of neurotransmitter systems and signaling in motivation, movement, learning and memory, and emotional processes. Course equivalent to: B BIO 320. Course overlaps with: NEUSCI 302. Prerequisite: a minimum grade of 2.0 in either T BIOL 140 or TPSYCH 260.
View course details in MyPlan: T BIOL 412

T BIOL 414 Immunology (5) NSc
Examines the molecular and cellular basis of mammalian immune systems, including its role during infection with microorganisms (i.e. bacteria, viruses and parasites). Additionally, this course discusses principles in vaccination and disease eradication as well as disorders of the immune system (i.e. autoimmunity, allergy and immunodeficiency). Course overlaps with: IMMUN 441. Prerequisite: a minimum grade of 1.5 in T BIOL 301; and a minimum grade of 1.5 in T BIOL 303.
View course details in MyPlan: T BIOL 414

T BIOL 422 Evolution (5/6) NSc
Implications of Dobzhansky's statement that "Nothing in biology makes sense except in the light of evolution." Evolutionary change by evaluating the evidence that makes organic evolution a unifying theme in the natural world. Evolutionary issues in medicine, agriculture, biodiversity conservation and human affairs. Offered either with a lab (6 credits) or without a lab (5 credits). Cannot be taken for credit if credit received for TESC 422.
View course details in MyPlan: T BIOL 422

T BIOL 432 Forest Ecology Field Studies (7/12)
Introduces forest ecology, examining forest communities, soils, disturbance and succession, forest pests, and sustainability, emphasizing field sampling and data analysis. Local option (7 credits) includes three required 2-3 day field trips. Off-site option (12 credits) requires one two-week intensive field study plus on-campus meetings. Cannot be taken for credit if credit received for TESC 432. Prerequisite: TESC 310; either TESC 340 or T BIOL 340; and TMATH 110 or STAT 220.
View course details in MyPlan: T BIOL 432

T BIOL 434 Conservation Biology in Practice (6) NSc
Explores current research on threats to biodiversity, and effective approaches to its preservation. Analyze primary literature and conduct independent lab and field exercises. Cannot be taken for credit if credit received for TESC 332. Prerequisite: TBIOL 340.
View course details in MyPlan: T BIOL 434

T BIOL 436 Systems Biology (5)
Provides students with the fundamental principles of systems biology including network circuitry of genes and proteins that can be used to predict emergent biological phenomena at the larger scale of cells and organisms for multiple applications. Cannot be taken for credit if credit received for TESC 436. Prerequisite: either TESC 121 or T PHYS 121; either TESC 140 or T BIOL 140; either TESC 161 or T CHEM 162; either TESC 380 or T BIOL 304, either of which may be taken concurrently; either TESC 405 or T CHEM 405, either of which may be taken concurrently.
View course details in MyPlan: T BIOL 436

T BIOL 438 Environmental Biology: Marine Invertebrates (6) NSc
Examines the structure, function, life histories, ecology, and evolution of major groups of marine invertebrate animals. Lectures, discussions, images, and library research augmented by laboratory work with live organisms whenever possible. Integrates details of biodiversity with issues and concepts from ecology and environmental science. Prerequisite: minimum grade of 2.0 in T BIOL 120.
View course details in MyPlan: T BIOL 438

T BIOL 442 Marine Ecology (7) NSc
Explores the natural history and interactions among marine organisms, emphasizing Pacific Northwest intertidal invertebrates. Includes all-day and weekend-long field trips to sites around Puget Sound. Includes topics such as biology of coral reefs, kelp forests, estuaries, marine fisheries, and marine conservation. Prerequisite: T BIOL 340.
View course details in MyPlan: T BIOL 442

T BIOL 452 Plants, Insects, and their Interactions (7) NSc
Emphasizes hands-on exploration of the natural history and ecology of plants and insects and interactions amongst them. Includes a series of all-day field trips focusing on biological issues relevant to resource management and agricultural production in different sites around Puget Sound. Prerequisite: minimum grade of 2.0 in T BIOL 140.
View course details in MyPlan: T BIOL 452

T BIOL 455 Ecotoxicology (5) NSc
Explores the major classes of contaminants and their effects on organisms and the environment. Focus on fate and effects of toxicants across the hierarchy of biological organization, from molecular to ecosystem levels. Course overlaps with: FISH 455/ESRM 457. Prerequisite: either T BIOL 304 or T BIOL 340.
View course details in MyPlan: T BIOL 455

T BIOL 456 Urban Animal Ecology (7) NSc
Provides hands-on experience with wildlife ecology and management techniques in both urban and non-urban settings throughout the Seattle-Tacoma megapolitan region. Topics includes animal handling and safety, camera-trap field work, GIS and R analytical skills, data management, effective community engagement, and coupled human and natural systems (CHANS) theory. Prerequisite: T BIOL 140; recommended: T BIOL 340 and TMATH 110.
View course details in MyPlan: T BIOL 456

T BIOL 462 Restoration Ecology Capstone I: Introduction (2-) NSc
First of a three-course capstone sequence in restoration ecology. Students review and assess project plans and installations. Class meets with members of previous capstone classes to review their projects. Offered: jointly with ESRM 462; A.
View course details in MyPlan: T BIOL 462

T BIOL 463 Restoration Ecology Capstone II: Proposal and Plan (-3-) NSc
Student teams prepare proposals in response to requests for proposals (RFPs) from actual clients. Clients may be governments, non-profit organizations, and others. Upon acceptance of the proposal, teams prepare restoration plans. Prerequisite: ESRM 462/T BIOL 462. Offered: jointly with ESRM 463; W.
View course details in MyPlan: T BIOL 463

T BIOL 464 Restoration Ecology Capstone III: Field Site Restoration (-5) NSc
Teams take a restoration plan developed in ESRM 463/T BIOL 464 and complete the installation. Team participation may include supervision of volunteers. Teams prepare management guidelines for the client and

conduct a training class for their use. Prerequisite: ESRM 463/T BIOL 463. Offered: jointly with ESRM 464; Sp.
View course details in MyPlan: T BIOL 464

T BIOL 478 Environmental Microbiology (6) NSc
Explore microbial diversity and the applied effects of microorganisms on the environment and human welfare. Topics include metabolic diversity, ecological interactions, biogeochemistry, microbial habitats, and waste treatment and bioremediation. Cannot be taken for credit if credit received for TESC 378. Prerequisite: either TESC 340 or T BIOL 340.
View course details in MyPlan: T BIOL 478

BIOMEDICAL SCIENCES

TBIOMD 199 Preparation for Careers in Biomedical Sciences Seminar (1)
Introduces students to requirements of professional medical, dental, veterinary, and pharmacy school. Explores key issues in healthcare, and exposes students to potential career pathways in preparation for completing the pre-medical/dental/veterinary/pharmacy (pre-MVDP) program. Cannot be taken for credit if credit received for TESC 199. Credit/no-credit only.
View course details in MyPlan: TBIOMD 199

TBIOMD 201 Introduction to Public Health (5) NSc/SSc
Introduces students to the field of public health, its history and functions, and to the determinants of major causes of death and disease through lecture, small-group discussion, case studies, and local and global examples. Course overlaps with: SPH 380; SPH 381; and BHS 201.
View course details in MyPlan: TBIOMD 201

TBIOMD 310 Foundational Skills in Biomedical Sciences (5) NSc
Trains students to read and process existing scientific literature, formulate a hypothesis, collect data to test a hypothesis, write-up research findings, and present findings orally utilizing both individual and group work. Prerequisite: a minimum grade of 2.0 in T BIOL 130; and a minimum grade of 2.0 in T CHEM 152.
View course details in MyPlan: TBIOMD 310

TBIOMD 410 Biomedical Sciences Senior Seminar (3)
Develops skills for evaluating and presenting capstone projects and using this capstone experience to open opportunities towards future careers. Prerequisite: TBIOMD 310; and either TBIOMD 491, TBIOMD 492, TBIOMD 494, TBIOMD 495, TBIOMD 496, or TBIOMD 499.
View course details in MyPlan: TBIOMD 410

TBIOMD 485 Special Topics in Biomedical Sciences (2-5, max. 15)
Explores a specific area of biological research in-depth through supervised readings and discussion of peer-reviewed scientific articles. Specific topics vary by instructor(s) and iteration. Prerequisite: a minimum grade of 2.0 in either T BIOL 301, T BIOL 302, T BIOL 303, T BIOL 304, T BIOL 305, T BIOL 340, or T CHEM 405; recommended: TBIOMD 310.
View course details in MyPlan: TBIOMD 485

TBIOMD 490 Context for Global Health Experiential Learning (1) SSc/NSc
Prepares students for global health experiential learning program in another country or off-campus site. Includes global health or environmental sustainability, depending on the program chosen.
View course details in MyPlan: TBIOMD 490

TBIOMD 491 Global Health Experiential Learning Program (2-4) NSc/SSc
Provides two- to four-week global health experiential learning program in another country or off-campus site.

Prerequisite: TBIOMD 490 Credit/no-credit only.
View course details in MyPlan: TBIOMD 491

TBIOMD 492 Critical Reading in Biomedical Sciences Literature (3) NSc
Critically read the biomedical sciences literature and identify major strengths and weaknesses in reports of experimental and observational biomedical studies in this intensive seminar. This will include gaining expertise in selected biomedical research or clinical techniques, interpreting statistical results, writing peer reviews, and critically reviewing a body of evidence to make a logical argument from an evidence-based viewpoint. Prerequisite: TBIOMD 310 and TMATH 110.
View course details in MyPlan: TBIOMD 492

TBIOMD 494 Biomedical Science Community Engagement Internship (1-10, max. 15)
Engages student in a Biomedical science internship that focuses on community engagement in the public or private sector, or clinical setting, supervised by a faculty member.
View course details in MyPlan: TBIOMD 494

TBIOMD 495 Biomedical Research Experience (3) NSc
Provides opportunities to complete group or individual biomedical sciences research projects carried out within a structured course. Culminates in a public presentation of research results.
View course details in MyPlan: TBIOMD 495

TBIOMD 496 Biomedical Sciences Research Internship ([1-10]-, max. 10) NSc
Engages student in a Biomedical science internship that focuses on research in the public or private sector, or clinical setting, supervised by a faculty member. Credit/no-credit only.
View course details in MyPlan: TBIOMD 496

TBIOMD 499 Undergraduate Research in the Biomedical Sciences ([1-10]-, max. 10) NSc
Engages student in an individual advanced biomedical science research project carried out under the supervision of a faculty member. Culminates in a public presentation of research results. Instructor permission required. May be repeated for credit.
View course details in MyPlan: TBIOMD 499

CHEMISTRY

T CHEM 105 Chemistry of Cooking (6) NSc
Explores the physical and chemical transformations that occur when food is cooked.
View course details in MyPlan: T CHEM 105

T CHEM 131 Chemistry and Society (6) NSc
Provides students with a solid foundation in chemistry to aid in furthering their understanding of the natural world. Topics relate to past, current, and future environmental concerns. Cannot be taken if student received a minimum grade of 1.7 or above in either T CHEM 141 or TESC 141. Cannot be taken for credit if credit received for TESC 131. Recommended: Serves as a preparatory course for the general chemistry sequence for those with little chemistry background in high school or college.
View course details in MyPlan: T CHEM 131

T CHEM 139 Preparation for General Chemistry (3)
Introduces nomenclature, stoichiometry, and basic atomic structure to provide a solid foundation for the study of chemistry. Emphasizes practical quantitative skills and practice in calculations required for success in T CHEM 142. Strongly recommended before T CHEM 142 for students without high school chemistry or equivalent

within five years.
View course details in MyPlan: T CHEM 139

T CHEM 142 General Chemistry I (6) NSc
Explores fundamental concepts about the structure of matter, quantum mechanics, chemical bonding, stoichiometry and chemical reactions as well as how these chemical processes affect biological mechanisms. First in a series of general chemistry courses for science majors. Includes required lab. Course overlaps with: CHEM 142. Prerequisite: a minimum grade of 2.0 in either TMATH 115, TMATH 116, TMATH 120, MATH 120, TMATH 124, or MATH 124.
View course details in MyPlan: T CHEM 142

T CHEM 152 General Chemistry II (6) NSc
Explores fundamental concepts in thermodynamics, gas laws, phase changes, chemical kinetics, and nuclear chemistry. Second in a series of general chemistry courses for science majors. Includes required lab. Course overlaps with: CHEM 152 and B CHEM 152. Prerequisite: a minimum grade of 2.0 in either T CHEM 142 or CHEM 142; and a minimum grade of 2.0 in either TMATH 116, TMATH 120, TMATH 124, or MATH 124.
View course details in MyPlan: T CHEM 152

T CHEM 162 General Chemistry III (6) NSc
Explores fundamental concepts about equilibrium, acid-base titrations, electrochemistry, colligative properties and bond theory. Third in a series of general chemistry courses for science majors. Includes required lab. Course overlaps with: CHEM 162. Prerequisite: a minimum grade of 2.0 in T CHEM 152; and a minimum grade of 2.0 in either TMATH 116, TMATH 120, TMATH 124, or MATH 124.
View course details in MyPlan: T CHEM 162

T CHEM 164 Chemistry Collaborative Learning Seminar (1, max. 3)
Enhances problem-solving skills for chemistry by having students work with a facilitator to strengthen their skills in critical thinking via group problem sessions in chemistry and its applications. Co-requisite: either T CHEM 142, T CHEM 152, or T CHEM 162. Credit/no-credit only.
View course details in MyPlan: T CHEM 164

T CHEM 245 Chemistry through History (5) NSc
Examines the discovery and development of natural and man-made chemicals processes that has shaped history and impacted society and the environment. Connects chemistry with other scientific discoveries as well as linking to other academic disciplines such as politics, social science, and art.
View course details in MyPlan: T CHEM 245

T CHEM 251 Organic Chemistry I (6) NSc
Introduces organic chemistry, including principles on structure, classification, bonding, nomenclature, and reactions. Course overlaps with: CHEM 237 and B CHEM 237. Prerequisite: a minimum grade of 2.0 in T CHEM 162. Offered: AW.
View course details in MyPlan: T CHEM 251

T CHEM 261 Organic Chemistry II (6) NSc
Introduces spectroscopy and the reactions of alkenes, alkynes, conjugated species, and aromatics. Prerequisite: a minimum grade of 2.0 in T CHEM 251.
View course details in MyPlan: T CHEM 261

T CHEM 271 Organic Chemistry III (6) NSc
Emphasizes mechanisms and reactions of carbonyl species and polyfunctional compounds. Course overlaps

with: CHEM 239 and B CHEM 239. Prerequisite: a minimum grade of 2.0 in T CHEM 261.
View course details in MyPlan: T CHEM 271

T CHEM 333 Environmental Chemistry (6) NSc
Explores basic aquatic environmental chemistry, emphasizing practical applications and real-world problem solving. Includes coverage of acid/base reactions, gas exchange, alkalinity, and reduction/oxidation reactions through lectures, field and laboratory-based exercises, and student research presentations. Prerequisite: minimum grade of 2.0 in T BIOL 140; minimum grade of 2.0 in T CHEM 162; minimum grade of 2.0 in TMATH 110 or STAT 220; minimum grade of 2.0 in either TMATH 116 or TMATH 120; and TESC 310 or TBIOMD 310, which may be taken concurrently.
View course details in MyPlan: T CHEM 333

T CHEM 405 Biochemistry I (5/6) NSc
Covers structure and function of biologically relevant molecules such as proteins and carbohydrates. Also discusses metabolism and enzyme regulation. Prerequisite: a minimum grade of 2.0 in T BIOL 130; and a minimum grade of 2.0 in T CHEM 251.
View course details in MyPlan: T CHEM 405

T CHEM 406 Biochemistry II (5/6) NSc
Discusses the structure and function of lipids and nucleic acids. Covers the processes involved in the flow of information in biological systems. Prerequisite: T CHEM 405.
View course details in MyPlan: T CHEM 406

T CHEM 433 Organic Synthesis of Bioactive Molecules (5/6)
Examines modern methods for synthesizing biologically active organic compounds such as pharmaceuticals and natural products. Explores reactivity of organometallic complexes and heterocycles in drug synthesis and strategies for creating libraries of structurally diverse molecules. Prerequisite: a minimum grade of 2.0 in T CHEM 271.
View course details in MyPlan: T CHEM 433

T CHEM 439 Analytical Chemistry with Environmental Applications (7)
Focuses on the measurement of pollutant concentrations in various environmental matrices, including soil, water, air, and biological tissues, emphasizing field sampling design and implementation, analytical theory, instrumentation, and methodology. Allows students to gain hands-on experience collecting environmental samples in the field and using modern analytical instrumentation. Prerequisite: T CHEM 162; and TMATH 110 or STAT 220.
View course details in MyPlan: T CHEM 439

CHINESE

TCHIN 101 First-Year Chinese (5)
Introduction to the standard language. Emphasis on learning correct pronunciation and basic structure. Drill in oral use of the language. Open only to students who do not have any previous training in Chinese. Maximum 10 credits allowed between TCHIN 101; TCHIN 102; and CHIN 121 (or equivalents). Maximum 15 credits allowed between TCHIN 101; TCHIN 102; TCHIN 103; CHIN 121; and CHIN 134 (or equivalents). Maximum 20 credits allowed between TCHIN 101; TCHIN 102; TCHIN 103; CHIN 201; and CHIN 138 (or equivalents). Course equivalent to: CHIN 101 and B CHIN 101. Course overlaps with: CHIN 111.
View course details in MyPlan: TCHIN 101

TCHIN 102 First-Year Chinese (5)
Introduction to the standard language. Emphasis on learning correct pronunciation and basic structure. Drill in

oral use of the language. Open only to students who do not have any previous training in Chinese. Maximum 10 credits allowed between TCHIN 101; TCHIN 102; and CHIN 121 (or equivalents). Maximum 15 credits allowed between TCHIN 101; TCHIN 102; TCHIN 103; CHIN 121; and CHIN 134 (or equivalents). Maximum 20 credits allowed between TCHIN 101; TCHIN 102; TCHIN 103; CHIN 201; and CHIN 138 (or equivalents). Course equivalent to: CHIN 102 and B CHIN 102. Course overlaps with: CHIN 112. Prerequisite: minimum grade of 2.0 in CHIN 101.
View course details in MyPlan: TCHIN 102

TCHIN 103 First-Year Chinese (5)
Introduction to the standard language. Emphasis on learning correct pronunciation and basic structure. Drill in oral use of the language. Open only to students who do not have any previous training in Chinese. Maximum 15 credits allowed between TCHIN 101; TCHIN 102; TCHIN 103; CHIN 121; and CHIN 134 (or equivalents). Maximum 20 credits allowed between TCHIN 101; TCHIN 102; TCHIN 103; CHIN 201; and CHIN 138 (or equivalents). Maximum 10 credits allowed between TCHIN 103; CHIN 201; and CHIN 222 (or equivalents). Course equivalent to: CHIN 103 and B CHIN 103. Course overlaps with: CHIN 113 and CHIN 133. Prerequisite: minimum grade of 2.0 in CHIN 102.
View course details in MyPlan: TCHIN 103

TCHIN 201 Second-Year Chinese (5) A&H
Continuation of CHIN 103. Advanced grammar and vocabulary expansion stressed. Aural and oral practice and structural drills continued. Prerequisite: minimum grade of 2.0 in either CHIN 103.
View course details in MyPlan: TCHIN 201

TCHIN 202 Second-Year Chinese (5) A&H
Advanced grammar and vocabulary expansion stressed. Oral practice and structural drills continued. Prerequisite: minimum grade of 2.0 in CHIN 201.
View course details in MyPlan: TCHIN 202

TCHIN 203 Second-Year Chinese (5) A&H
Advanced grammar and vocabulary expansion stressed. Oral practice and structural drills continued. Prerequisite: minimum grade of 2.0 in CHIN 202.
View course details in MyPlan: TCHIN 203

COMMUNICATION

TCOM 101 Critical Media Literacy (5) SSc
Surveys historical, economic, and cultural contexts for contemporary media to foster critical literacy from local and global perspectives. Evaluates media messages to understand power structures and tools of persuasion in film, television, journalism, interactive and social media, sports media, and youth media. Course overlaps with: BIS 235.
View course details in MyPlan: TCOM 101

TCOM 201 Media and Society (5) SSc
Explores theoretical perspectives and core issues in the relationship between the media and society, including the production and reception of both news and entertainment. Evaluates the historical, cultural, political and economic contexts of media industries, representations, and audiences.
View course details in MyPlan: TCOM 201

TCOM 220 Social Media (5) SSc
Explores the evolving world of social media and assesses their social, cultural, and political meanings and implications. Develops skills to critically reflect on social media experiences and develop effective media

strategies as communication professionals.
View course details in MyPlan: TCOM 220

TCOM 221 Artificial Intelligence: Media, Culture, and Power (5) A&H
Explores how artificial intelligence fits into the overall study of modern media, including disruptions to the current media landscape. Through a critical perspective, the course examines key ways that machine learning, and our uses of it, may ultimately challenge - or uphold - structures of social power and privilege. Students will consider the implications of AI, including its perils and promises, for us, our society, and the world around us.
View course details in MyPlan: TCOM 221

TCOM 230 Media Globalization and Citizenship (5) SSc
Introduces key concepts in international communication and global media studies such as cultural imperialism, electronic colonialism, and media globalization. Through case studies from around the world, students evaluate their positions as global citizens and explore opportunities for activism.
View course details in MyPlan: TCOM 230

TCOM 247 Television Studies (5) SSc
Introduces the study of television as a social, cultural, and political force. Examines the production, distribution, and reception of television texts of different genres, including news and entertainment; evaluates how television reflects and influences different societies and groups; explores television in different historical periods and through various technologies. Course overlaps with: CMS 274.
View course details in MyPlan: TCOM 247

TCOM 250 Media for Social Justice (5) SSc/A&H
Examines how media and information and communication technologies are used as tools to challenge inequality and advance social justice goals. It introduces frameworks, concepts, local and global case studies to understand how social, cultural, political, economic, and personal factors may hinder or advance social change. Students learn to produce a storytelling project demonstrating their knowledge of concepts and ideas explored in the course.
View course details in MyPlan: TCOM 250

TCOM 254 Communication History (5) SSc
Addresses the complexities of media and communication historically, particularly the technologies and their impact on society. Includes development of different forms of communication and the intertwining of the history of mass communication with the history of other social institutions.
View course details in MyPlan: TCOM 254

TCOM 257 Ethical Issues in Mass Communication (5) A&H/SSc
Focuses on different types of media producers - in journalism, popular culture, and digital media - as a link between the mass media and society. Through a study of ethical theories, evaluates the ethical dilemmas of contemporary media producers and their audiences from a critical media studies framework.
View course details in MyPlan: TCOM 257

TCOM 258 Children and Media (5) SSc
Examines the historical, sociological, and psychological context of children consuming myriad forms of media. Brings together scholarship from child psychology, television criticism, and reception studies.
View course details in MyPlan: TCOM 258

TCOM 275 Writing, Reporting, and Editing for the Mass Media (5) A&H
Introduces students to writing, reporting, and editing for web, print and television. Focuses on developing a concise writing style, passion for thorough, accurate reporting, and a sensitivity to various audiences' needs and

interests. Emphasizes information gathering and interviewing skills. Explores professional norms and expectations with introduction to paths for obtaining media-related internships and careers.
View course details in MyPlan: TCOM 275

TCOM 310 Environmental Communication: Media, Resistance, and Power (5) SSc
Explores how media shape our understanding of environmental issues and disasters - from wildfires to corporate greenwashing. Students analyze how ownership structures influence environmental narratives across media platforms, including social media, while examining how alternative voices challenge mainstream coverage.
View course details in MyPlan: TCOM 310

TCOM 312 Ecology, Inequality, and Popular Culture (5) SSc, DIV
Surveys the debates within cultural/critical studies to explore how portrayals of ecology in popular culture directly relate to representations of gender, sexuality, nationality, ethnicity, and class. Applies numerous critical perspectives to understand key power structures in film, television, magazines, and novels from the U.S. and international sources.
View course details in MyPlan: TCOM 312

TCOM 320 Principles of Web Design (5) A&H
Examines the theories and techniques of visual and design rhetoric to web design. Discusses how purpose, audience, and context affect the development of web pages and other electronic documents. Explores principles of web-based design, creation, layout, editing, publishing, and maintenance through web design practices.
View course details in MyPlan: TCOM 320

TCOM 330 Mobile Communication and Social Practice (5) SSc
Explores social practices surrounding mobile communication technologies and identifies their social, cultural, and political consequences across the globe. Develops a critical understanding of the historical development of mobile technologies and related key concepts. creates design prototype of mobile apps to understand and augment everyday mobile user experience.
View course details in MyPlan: TCOM 330

TCOM 340 Global TV: Format, Genre, and Reception (5) SSc
Focuses on current issues and topics in global television studies. Explores several case studies of television format from around the world in order to understand the development and evolution of television genre such as soap opera and reality TV in a transnational context. Course overlaps with: BIS 235.
View course details in MyPlan: TCOM 340

TCOM 343 Global Music Video (5) A&H
Examines music video as an art form, cultural institution, and global media industry. Considers the history, aesthetics, and politics of music videos made around the world.
View course details in MyPlan: TCOM 343

TCOM 346 Social Media for Media Professionals (5)
Explores the use of social media in professional areas including journalism, public relations, and content production. Emphasizes specific skills including understanding/interacting with audiences; using analytics; curating story/content ideas; and developing strong writing and video production skills. Focuses on developing individual professional social media brands and introduces best practices for obtaining internships and jobs in the field.
View course details in MyPlan: TCOM 346

TCOM 347 Television Criticism and Application (5) A&H
Explores narrative structures and production techniques utilized in television in an integrated manner. Analyzes and discusses critical approaches to television texts and techniques, including use of camera angles, lighting design, sound effects, and editing. Explores the application of basic production to techniques in a hands-on manner. Course overlaps with: CMS 273.
View course details in MyPlan: TCOM 347

TCOM 348 Non-fiction Writing for Television (5) A&H
Explores non-fiction styles of writing for television, including news writing and documentary writing, with a focus on the development of stores from a proposal to a script. Addresses issues and conflicts that arise with the linking of visual images and spoken words in non-fiction television genres.
View course details in MyPlan: TCOM 348

TCOM 349 News Writing (5) A&H
Covers principles of news writing and reporting, including lead writing, Associated Press style conventions, news judgment, and ethical and legal issues.
View course details in MyPlan: TCOM 349

TCOM 350 Editing and Design for Print Media (5) A&H
Covers elements of print media editing and design including: selection and editing of news copy; headline writing; typography; selection, sizing and cropping of photos; functions of layout; principles of publication design and their practical applications. Students also complete several page design projects as teams.
View course details in MyPlan: TCOM 350

TCOM 351 Video Production (5, max. 10) A&H
Examines principles of visual and audio communication, including storytelling through image, movement, spoken words, and other sounds in an integrated manner. Discusses critical approaches to audio-visual production and engages hands-on practice to develop production skills. Prerequisite: TCOM 347.
View course details in MyPlan: TCOM 351

TCOM 380 Political Economy of the Media (5) SSc
Examines the historical evolution and economic structure in which media industries are embedded and develops theoretical and analytical tools for the evaluation of media industries. Surveys patterns of ownership and control, government policies, and other issues in media industries, including newspapers, magazines, television, motion pictures, and recorded music.
View course details in MyPlan: TCOM 380

TCOM 387 Writing for Public Relations (5) A&H
Explores aspects of public relations writing, including news releases for print and broadcast media, advertising copy, speeches, newsletters, and crisis communication. Emphasizes writing for clarity and interest, simplifying complex issues, and conducting effective media relations. Prerequisite: either TCOM 275 or TCOM 349.
View course details in MyPlan: TCOM 387

TCOM 420 Advanced Web Design (5) A&H
Explores advanced concepts, practices, and techniques in large-scale, user-centered web design. Emphasizes interaction design, web usability, and accessibility; design communication and design lifecycle; content management; ongoing site management; and cross-cultural issues. Prerequisite: a minimum grade of 2.0 in TCOM 320.
View course details in MyPlan: TCOM 420

TCOM 430 Global Networks, Local Identities (5) SSc
Explores historical and contemporary debates on globalization, cultural imperialism, national identity, and global consumerism. Examines structure and content of such transnational networks as Star TV and CNN, and evaluates the impact of these networks on local identities.
View course details in MyPlan: TCOM 430

TCOM 440 Advertising and Consumer Culture (5) SSc
Explores the past, present, and future of advertising as a form of communication by examining television commercials, political campaigns, billboards, movie trailers, and magazine ads. Also explores the industry that creates these materials, the consumption practices they encourage, and their impact on contemporary culture.
View course details in MyPlan: TCOM 440

TCOM 444 Gender, Ethnicity, Class, and the Media (5) A&H/SSc, DIV
Explores the media landscape as a powerful site for the construction and circulation of intersecting ideologies of privilege and difference. Studies the socio-historical origins of these ideologies, using methods of media analysis to examine their presence in numerous forms of media, including popular culture, journalism, and digital media.
View course details in MyPlan: TCOM 444

TCOM 453 Critical Approaches to Mass Communication (5) SSc
Examines how power is constructed, concentrated, and maintained through and around mass communication. Carefully evaluates the structures (patriarchy, neoliberalism, etc) that have historically served to preserve the status quo ideology in our society. Research-focused and includes application of critical theoretical frameworks.
View course details in MyPlan: TCOM 453

TCOM 454 Communications Law (5) SSc
Examines issues surrounding freedom of expression in the United States and citizens' and the media's legal rights in gathering and disseminating news and information. Explores the freedoms afforded by the First Amendment and shows how those protections are still evolving in the twenty-first century.
View course details in MyPlan: TCOM 454

TCOM 460 Communication for Development and Social Change (5) A&H/SSc
Introduces theories and concepts associated with the origin and evolution of development communication. Examines case studies of grassroots development from Asia, Latin America and Africa to study models and practices for community participation and social change through the use of information and communication technologies.
View course details in MyPlan: TCOM 460

TCOM 461 Media and Identity in Asia (5) SSc
Explores the dynamics of media production and consumption in Asian countries within their postcolonial and neocolonial contexts. Addresses the impact of the transnational media industry on local cultural identities, focusing on hybrid media formats and audience responses. Examines various case studies with an emphasis on regional political, economic, social, and cultural contexts.
View course details in MyPlan: TCOM 461

TCOM 464 Field Research in Communication (5) SSc
Introduces students to contemporary issues that focus on the local community. Students learn and apply field research methods (ethnography, interviews, focus groups, and field research design) while working with community organizations in a service learning context.
View course details in MyPlan: TCOM 464

TCOM 465 Contemporary Free Speech Issues (5) SSc
Explores contemporary free speech issues in light of their social, political and economic implications in the United States. Examines United States Supreme Court cases and First Amendment theory related to those contentious free speech topics.
View course details in MyPlan: TCOM 465

TCOM 470 Documentary Production and Critique (5) A&H
Examines theoretical and ethical issues involved in the production of non-fiction genres while shooting and editing short-form, community-based documentaries. Prerequisite: T COM 351.
View course details in MyPlan: TCOM 470

TCOM 471 Advanced Video Production (5) A&H
Examines the elements of effective video storytelling, including story structure, character development, dialogue, and visual design while shooting and editing fictional short videos. Prerequisite: TCOM 351.
View course details in MyPlan: TCOM 471

TCOM 480 Critical Media Industry Studies (5, max. 10) SSc
Explores selected media industries or issues from a critical perspective. Focuses on the development of the theoretical and analytical tools to conduct critical research on media industries products and/or issues. Focus will vary, but can include the video games industry, television industry, or labor in creative industries. Recommended: TCOM 353 or TCOM 380.
View course details in MyPlan: TCOM 480

TCOM 481 Communication Regulation and Policy (5) SSc
Examines communication and media policies beginning with broadcast industries and film to the rise of the Internet and various platforms as well as social media. Surveys the current state of regulation as a means to address a broad range of social and structural issues.
View course details in MyPlan: TCOM 481

TCOM 482 Investigative Reporting (5) SSc
Engage in quality Investigative Reporting, a form of journalism that relies on systematic, in-depth research to uncover matters of public concern, hold government agencies accountable, and promote social justice. Includes interviewing, researching, and writing serious investigative projects. Prerequisite: either TCOM 275 or TCOM 349.
View course details in MyPlan: TCOM 482

TCOM 484 Opinion Writing for Mass Media (5) SSc
Explores the fundamentals of writing opinion for print, web, and broadcast media. Integrates the basic foundations of news gathering and writing with the skills needed to produce publishable opinion pieces. Prerequisite: either TCOM 275 or TCOM 349
View course details in MyPlan: TCOM 484

TCOM 486 Feature Writing for Print and Online Media (5) A&H
Explores a variety of formats for feature writing, a type of media writing that weaves together narrative with facts to entertain, educate, inform and engage audiences of various media platforms. Emphasis on producing publishable articles for print and web. Also explains how to get paid to publish. Prerequisite: either TCOM 275 or TCOM 349.
View course details in MyPlan: TCOM 486

TCOM 490 Communication Capstone Internship (5-10)
Communication or media related internship in the public or private sector, supervised by a Communication

faculty member. Prerequisite: approval of internship proposal. Credit/no-credit only.
View course details in MyPlan: TCOM 490

TCOM 495 Communication Capstone Thesis (5)
Plan and carry out a significant scholarly communication or media studies independent research project under the direction of a Communication faculty member. Prerequisite: approval of thesis proposal.
View course details in MyPlan: TCOM 495

TCOM 498 Study Abroad in Communication (5-15, max. 15) SSc
Explores communication topics in international locales to enhance understanding of global-local dynamics. Taught on-site and includes interactions/collaborations with local organizations, scholars, and professionals; visits to exhibits and cultural venues, and participation in community experiences, where appropriate.
View course details in MyPlan: TCOM 498

TCOM 499 Special Topics in Communication (5, max. 10) A&H
Offered occasionally by permanent or visiting faculty members. Topics vary.
View course details in MyPlan: TCOM 499

ECONOMICS

TECON 101 Understanding Economics (5) SSc, RSN
Examines fundamental concepts of economic analysis with application to contemporary problems. Cannot be taken for credit if credit has already been earned for TECON 200 or TECON 201 (or equivalents).
View course details in MyPlan: TECON 101

TECON 200 Introduction to Microeconomics (5) SSc, RSN
Analysis of markets: consumer demand, production, exchange, the price system, resource allocation, government intervention. Course equivalent to: TBECON 220; ECON 200; and B BUS 220/BIS 200.
View course details in MyPlan: TECON 200

TECON 201 Introduction to Macroeconomics (5) SSc, RSN
Analysis of the aggregate economy: national income, inflation, business fluctuations, unemployment, monetary system, federal budget, international trade and finance. Course equivalent to: TBECON 221; ECON 201; and B BUS 221/BIS 201.
View course details in MyPlan: TECON 201

TECON 305 Ethics and Economics (5) SSc
Examines ethics and economic theory, and explores the areas where they intersect. The goal is to develop an understanding of what it means to live well, how we should treat others, and how to evaluate the progress of our society. We will also discuss the rise of "ethical egoism" and the spread of "market norms" into everyday life. Throughout the course, we will stress the application of these concepts to contemporary policy debates.
View course details in MyPlan: TECON 305

TECON 310 Research Seminar in Economics (5) SSc
Covers essential skills and tools needed to succeed in 400-level economics courses, especially the capstone class. Explores future employment and graduate school options and opportunities. Prerequisite: T PHIL 251.
View course details in MyPlan: TECON 310

TECON 316 Current Issues in U.S. Public Policy (5) SSc
Develops student's analytical and conceptual understanding of current key federal public policy issues and reform proposals. Examines the economic role of the government versus the private sector in the U.S.

economy, and analyzes issues surrounding the appropriate size and role of the public sector.
View course details in MyPlan: TECON 316

TECON 320 Gender and Development (5) SSc
Applies economic concepts to examine the role of gender in economic and social change. Examines critical debates surrounding households, particularly decisions about land, labor, resource allocation, bargaining power, and education; and the role of internal organizations, laws, and corporations in women's access to economic opportunity and political power.
View course details in MyPlan: TECON 320

TECON 321 Economics of Education (5) SSc
Examines topics in the economics of education including how schools re financed and why; what determines the amount and distribution of individual educational obtainment; debate over school vouchers; and the economic returns to education.
View course details in MyPlan: TECON 321

TECON 325 Contemporary Issues in International Political Economy (5) SSc
Investigates pressing issues confronting both industrialized and underdeveloped societies. Includes topics such as the international debt crisis, the changing international division of labor, poverty and inequality in the world economy, liberation movements, internationalization of production and regional disruptions in the U.S.
View course details in MyPlan: TECON 325

TECON 350 Law and Economics (5)
Introduces students to an economic analysis of the law. Examines the behavioral consequences of legal rules, and investigates the effectiveness of law in meeting social goals. Applies economic analysis to common law (property, tort and contracts), criminal law, and constitutional law. Course overlaps with: ECON 408 and BISLEP 301.
View course details in MyPlan: TECON 350

TECON 360 Poverty in Developing Countries (5) SSc
Examines the economic, social, and political factors that explain extreme poverty around the world. Examines patterns of extreme poverty, the relationship between domestic policies and poverty, and the role international factors play in contributing to and alleviating poverty in developing countries.
View course details in MyPlan: TECON 360

TECON 361 Current Issues in the Chinese Economy (5) SSc
Explores the most important economic challenges facing China today. Combines lecture with site visits and interactions with local business leaders and policymakers, allowing students the opportunity to study the Chinese economy with firsthand knowledge of experts living and working in China today. Offered: S.
View course details in MyPlan: TECON 361

TECON 362 China's Rise and its Global Economic Implications (5) SSc
Explores and evaluates the implications of China's growth and management of its economy for both Chinese citizens as well as the global economic system. Develops the analytical background necessary to understand the recent rapid emergence of China.
View course details in MyPlan: TECON 362

TECON 370 Economics and Social Mobility (5) SSc
Explores the relationship between inequality and social mobility. Investigates factors related to social mobility and examines how it has changed over time and across countries. Engages in an analysis of the features of society that help explain the degree to which societies have a level playing field. Prerequisite: T PHIL 250 or T

PHIL 251.
View course details in MyPlan: TECON 370

TECON 410 Economics of Public Policy (5) SSc
Applies economic analysis to public issues, policies, and programs. Provides a theoretical understanding of markets and government policies to examine existing and alternative public policies. Analyzes case studies of government policies, and evaluates and critiques current public policies and alternatives. Prerequisite: TECON 200 or TBECON 220.
View course details in MyPlan: TECON 410

TECON 418 Urban Problems and Policies (5) SSc
Develops and applies economic analyses to an understanding of the dynamics and underlying structure of urban economies and urban problems. Draws examples from the local economy and local problems. Prerequisite: TECON 200 or TBECON 220.
View course details in MyPlan: TECON 418

TECON 420 Strategic Thinking and Game Theory (5) SSc, RSN
Introduces the concepts and applications of game theory, which examines strategic decision-making in competitive and cooperative situations. Focuses on non-calculus based techniques for understanding situations involving multiple decision-makers (players) and the outcomes of their interactions. Explores both cooperative and non-cooperative games, examining the concepts of Nash equilibrium, dominant strategies, and bargaining. Course overlaps with: ECON 485 and B BECN 469. Prerequisite: a minimum grade of 2.0 in either TECON 200, TBECON 220, or ECON 200.
View course details in MyPlan: TECON 420

TECON 421 Environmental Policy (5) NSc/SSc
Examines tradeoffs between the formal economy and the environment, and assesses current environmental policy. Places particular emphasis on examining and understanding local environmental issues. Prerequisite: TECON 200 or TBECON 220.
View course details in MyPlan: TECON 421

TECON 430 Behavioral Economics (5) SSc
Examines psychological regularities in people such as over-confidence, desires for fairness and revenge, addictions, self-serving biases, trust, herd behavior, loss-aversion, and procrastination. Incorporates these into economic models to develop theoretical understanding of economic anomalies. Prerequisite: either TECON 200 or TBECON 220.
View course details in MyPlan: TECON 430

TECON 441 International Economics (5) SSc
Examines theory, institutions, and case studies in international economics. Covers theory of international trade and international finance, and analyses of government trade and finance policies. Analyzes role of international institutions. Prerequisite: either TECON 200, TBECON 220, or ECON 200; and either TECON 201, TBECON 221, or ECON 201.
View course details in MyPlan: TECON 441

TECON 450 Labor Economics and Policy (5) SSc
Analyzes of determinants of labor markets outcomes, and the effect of labor market policy in advanced capitalist economies, with primary reference to the United States. Prerequisite: TECON 200 or TBECON 220; and TECON 201 or TBECON 221.
View course details in MyPlan: TECON 450

TECON 470 Economics of Health and Health Policy (5) SSc
Explores health, the healthcare sector and health policy issues from an economics perspective. Covers the demand for healthcare, health insurance markets, managed care, medical technology, government insurance programs, healthcare reform, and the pharmaceutical industry. Prerequisite: either TECON 200 or TBECON 220.
View course details in MyPlan: TECON 470

TECON 480 Seminar in Economic Analysis (5) SSc
Covers the principles and concepts of cost-benefit analysis and undertakes an application to a current issue in the region. Explores the building of a microeconomic model to evaluate the effects of a potential project or policy. Develops students' ability to communicate the results to stakeholders. Prerequisite: either TECON 200, TBECON 220, or ECON 200; and TECON 310.
View course details in MyPlan: TECON 480

TECON 496 Internship in Economics and Policy Analysis (5-15, max. 15) SSc
Offers experience applying economics in a policy-setting environment. Engages students with a public interest organization to complement traditional classwork. Develops professional experience, and exposes students to potential career opportunities.
View course details in MyPlan: TECON 496

ENVIRONMENTAL SCIENCE

TESC 102 Aquatic Ecosystems in Urban Areas (5) NSc
Introduces the ways in which urban water bodies are impacted by adjacent land users. Explores sustainable development practices that target some of these environmental concerns.
View course details in MyPlan: TESC 102

TESC 200 Environmental Seminar (2, max. 6) NSc
Provides exposure to current scientific research and policy initiatives. Includes presentations by researchers, discussion of recent literature, and participation in educational workshops. Credit/no-credit only.
View course details in MyPlan: TESC 200

TESC 201 The Science of Environmental Sustainability (5) NSc
Provides an overview of the origins of sustainability and the development of sustainability science as a discipline. Focuses on the interactions of natural and social systems and how they affect sustainability. Investigates methodologies used by scientists to measure and develop sustainable systems.
View course details in MyPlan: TESC 201

TESC 210 Introductory Research Experience in the Sciences (6) NSc
Provides students with a structured introduction to the scientific method, through design, implementation, and communication of original scientific research through experiential learning. Students will engage in guided data analysis and inquiry involving field sampling and laboratory activities centered on issues facing communities, for example: urban air quality and drinking water contamination in marginalized neighborhoods.
View course details in MyPlan: TESC 210

TESC 220 Critical Environmental Issues from Local to Global (5) NSc
Investigates critical environmental issues at both local and global scales, emphasizing uneven impacts on poor and minoritized communities. Topics may include climate change impacts; food, water, and energy resources; and human health and environment. Course overlaps with: ENVIR 100.
View course details in MyPlan: TESC 220

TESC 239 Energy and the Environment (5) NSc
Provides an overview of various renewable and non-renewable energy resources, their distribution, availability, patterns of use, and impact on the environment. Evaluates relative energy efficiencies, as well as political and economic impacts on energy.
View course details in MyPlan: TESC 239

TESC 279 Science and Mathematics Study Abroad (3-15, max. 15) SSc, RSN
Immerses students in experimental design and applied quantitative reasoning in Science and Math courses that are part of the Study Abroad program for which there are no UW Tacoma Course Equivalents. Content varies and is individually evaluated.
View course details in MyPlan: TESC 279

TESC 301 Sustainability in Action (3) NSc
Introduces student to the challenges of planning for and implements environmental sustainability on campus. Applies sustainability theory to the design o f effective action. Develops valuable organizational and interpersonal skills transferable beyond the university.
View course details in MyPlan: TESC 301

TESC 303 Sustainable Development in Africa - Study Abroad (12) NSc/SSc
Serves as an intensive examination of sustainable development concepts in Africa through a study abroad experience. Investigates agriculture, water resources management, and wildlife management, including scientific, social, political, and economic viewpoints.
View course details in MyPlan: TESC 303

TESC 310 Environmental Research Seminar (3) NSc
Covers essential skills and tools needed to succeed in upper-division environmental science courses. Includes scientific ways of thinking, investigating, reading, and writing. Explores future employment and graduate school options and opportunities. Co-requisite: TESC 200
View course details in MyPlan: TESC 310

TESC 345 Pollution and Public Policy (5) NSc
Examines issues in environmental contamination using case studies from the Pacific Northwest and elsewhere. Addresses relevant scientific information as well as public perception and policy aspects. Through written and oral assignments students gain the knowledge necessary to act as informed public stakeholders. For non-science majors.
View course details in MyPlan: TESC 345

TESC 404 Navigating the Science Policy Interface (5)
Investigates the complex interactions between science and policy, in particular how science is conducted and how it influences environmental policy and management. Applies insights from science and technology studies, and public policy scholarship, to understand factors affecting the incorporation of science into policy. Practices strategies for effectively communicating scientific information. Offered: W.
View course details in MyPlan: TESC 404

TESC 410 Environmental Science Senior Seminar (3) NSc
Synthesizes environmental research methodologies and oral and written presentation skills in group projects developing grant proposals responding to published requests for proposals. Includes research presentations of individual environmental science capstone experiences in culminating course for B.S. degree in Environmental Science. Prerequisite: TESC 310; either T GIS 414, TESC 301, TESC 464, TESC 495, TESC 496, TESC 497, TESC 499, or TEST 495, any of which may be taken concurrently.
View course details in MyPlan: TESC 410

TESC 430 Environmental Modeling (6) NSc, RSN
Provides the background and skills to understand and use basic mathematical modeling approaches to solving environmental problems. Covers basic models and case studies, and applies models to data using basic mathematical and software programming approaches. Prerequisite: a minimum grade of 2.0 in TMATH 124; and either TMATH 110 or TMATH 390.
View course details in MyPlan: TESC 430

TESC 433 Pollutant Fate and Transport in the Environment (6)
Introduces the hydrological processes involved in the transport of contaminants in surface water and groundwater, and the factors that affect the fate of these pollutants in the environment (e.g., retardation, degradation, and chemical reactions). Using case studies, examines the complex issues involved in remediation. Prerequisite: TESC 310; minimum grade of 2.0 in TMATH 124; minimum grade of 2.0 in T BIOL 140; minimum grade of 2.0 in T CHEM 162.
View course details in MyPlan: TESC 433

TESC 435 Limnology (7) NSc
Introduces students to sampling methods, analytical tools, and scientific concepts related to the study of freshwater lakes ands streams and the impacts of natural and anthropogenic processes on these water bodies. Topics of study include physical processes, biological systems, and aquatic chemistry, focusing on human-impacted water bodies. Course overlaps with: BES 330. Prerequisite: TESC 310, which may be taken concurrently.
View course details in MyPlan: TESC 435

TESC 437 Stream Ecology (7) NSc
Provides a comprehensive overview of stream ecology, including watershed hydrology, stream hydraulics, applied chemistry, biology, and ecosystem processes. Explores concepts by evaluating local Puget Sound streams. Emphasizes activity-based learning. Prerequisite: either TMATH 116 or TMATH 120; either T BIOL 110 or T BIOL 120; and T CHEM 142.
View course details in MyPlan: TESC 437

TESC 490 Special Topics in Environmental Science (5-7, max. 13) NSc
Explores current topics of research in the environmental sciences. Example fields of study include aquatic and atmospheric chemistry, conservation biology and ecology, geoscience, hydrology, and oceanography.
View course details in MyPlan: TESC 490

TESC 494 Environmental Science Community Engagement Internship (1-10, max. 15)
Engages student in an environmental science internship that focuses on community engagement in the public or private sector, supervised by a faculty member. Permission based on approval of proposal submitted in advance of the internship.
View course details in MyPlan: TESC 494

TESC 495 Environmental Research Experiences (3) NSc
Provides opportunities to complete group or individual environmental science for studies research project carried out within a structured course.
View course details in MyPlan: TESC 495

TESC 496 Environmental Sciences Research Internship (1-10, max. 10) NSc
Engages student in an environmental science internship that focuses on research in the public or private sector, supervised by a faculty member. Permission based on approval of proposal submitted in advance of the internship. Credit/no-credit only.
View course details in MyPlan: TESC 496

TESC 497 Senior Thesis (5) NSc
A significant environmental science or studies independent research project planned and carried out by the student under the direction of a faculty member on a scholarly topic selected by the student in consultation with faculty.
View course details in MyPlan: TESC 497

TESC 498 Directed Readings (1-5, max. 5) NSc
Individual advanced research projects with an environmental emphasis carried out under the supervision of a faculty member.
View course details in MyPlan: TESC 498

TESC 499 Undergraduate Research (1-10, max. 10) NSc
Individual advanced environmental science or studies research projects carried out under the supervision of a faculty member.
View course details in MyPlan: TESC 499

ENVIRONMENTAL SUSTAINABILITY

TEST 200 Fundamentals of Environmental Sustainability (5) SSc
Investigates knowledge from humanities, social sciences, and natural sciences, to prepare students for advanced coursework in environmental studies. Applies insights to actual environmental problems and situations at scales from local to global. Serves as the required core course for the Environmental Sustainability major. Each environmental problem is examined through the lens of ethics, institutions, economics, power, and science. Course overlaps with: BIS 246.
View course details in MyPlan: TEST 200

TEST 295 Valuing Ecosystems Services and Natural Capital (5) NSc
Introduces students to the services provided to humans by ecological systems. Explores the ecological, economic, social, ethical, and political dimensions of enhancing, sustaining, and also losing ecosystem services.
View course details in MyPlan: TEST 295

TEST 332 A Natural History of Garbage (5) SSc/NSc
Examines past and present practices of disposing of civilization's detritus. Uses methods of historical inquiry and environmental studies to get at the roots of one of the fundamental issues confronting the industrialized world: the disposal of waste. Research-based and includes field work.
View course details in MyPlan: TEST 332

TEST 337 Natural Resources Policy: America's Public Forests and Parks (5) SSc
Explores fundamental and applied concepts in United States public forest and lands policy. Emphasizes political, legal, and administrative issues of federal and state lands, especially forests.
View course details in MyPlan: TEST 337

TEST 343 Water Quality Regulation (5) SSc
Reviews the substantive elements of water quality regulation, by reading and discussing a number of federal and Washington state statutes and regulations and cases. Requires substantial amount of reading.
View course details in MyPlan: TEST 343

TEST 345 Investing in the Environment (5) SSc
Reviews comprehensively the substantive elements of current and developing global environmental markets in carbon, water quantity and quality, biodiversity, clean energy, and fisheries. Discusses current issues in

environmental markets.
View course details in MyPlan: TEST 345

TEST 495 Environmental Studies Experience (3) NSc
Introduces students to project design and outreach that incorporates a combination of service learning and research. May include field work or community engagement or outreach on a variety of topics, depending on instructor.
View course details in MyPlan: TEST 495

ETHNIC, GENDER, AND LABOR STUDIES

T EGL 101 Introduction to Ethnic, Gender, and Labor Studies (5) SSc, DIV
Introduces theories, methods, and analytical frameworks for understanding the intersection of race, class, gender, and sexuality by examining key thinkers, texts, ideas, and concepts from across the humanities and social sciences. Teaches the core values and ideals of social justice that are foundational to ethnic, gender, and labor studies.
View course details in MyPlan: T EGL 101

T EGL 110 Introduction to Diversity (3) DIV
Introduces foundational and interdisciplinary concepts about human diversity in the United States and critical multinational theory. Covers an examination of historical and contemporary issues of power, privilege and difference, and micro and macro methods for creating positive social change, reducing inequality and achieving equity.
View course details in MyPlan: T EGL 110

T EGL 112 Introduction to Indigenous Studies (5) A&H, DIV
Provides a historical and contemporary look at issues of the Indigenous peoples of North America using an Indigenous perspective to look at the history, law, literature, and film of the Pacific Northwest peoples of the past but with an emphasis on the present.
View course details in MyPlan: T EGL 112

T EGL 201 Introduction to Indigenous Philosophy (5) SSc, DIV
Explores the indigenous philosophical ideologies that frame indigenous thought, perspectives, and worldviews. Expands various understandings of indigenous philosophy, including how epistemology (how/what we know), metaphysics (what is), and ethics (practice) empower self-determination (identity/community), and sovereignty of indigenous peoples.
View course details in MyPlan: T EGL 201

T EGL 202 Introduction to American Indian Contemporary Issues (5) SSc, DIV
Explores the consideration of American Indian contemporary issues and politics both in terms of unifying themes and contexts with regard to local and national situations, needs, and struggles. Expands students understanding of American Indian cultures, accomplishments, and challenges students to place themselves in the "others" experience.
View course details in MyPlan: T EGL 202

T EGL 210 Introduction to Qualitative Methodology and Research Ethics (5) SSc
Provides students and first-time researchers with a clear and accessible introduction to the practice methodology and research ethics. Examines the key issues, which need to be identified and resolved in the qualitative research process, which assists the researcher to develop the ethical skills they need.
View course details in MyPlan: T EGL 210

T EGL 266 Introduction to Labor Studies (5) SSc, DIV
Examines the role of labor in the contemporary United States and in the global economy. Explores the nature of work within market economies, forms of worker organizing, and the interaction between race, gender, and class within the workplace. Course overlaps with: POL S 249/HSTCMP 249/SOC 266 and BIS 249.
View course details in MyPlan: T EGL 266

T EGL 271 American Indians in Film (5) A&H, DIV
Examines the portrayal of American Indians in film and how American Indian stereotypes in popular culture have been influenced and perpetuated by film. Identifies how American Indian stereotypes in film have changed over the century and ends with analyzing how American Indian filmmakers of the last thirty years have negotiated those representations.
View course details in MyPlan: T EGL 271

T EGL 301 Introduction to Indigenous Women and Feminism (5) SSc, DIV
Examines how indigenous feminists' analysis and activism must aim to understand the changing situations, the commonalities, and the specificities of indigenous women across time and place. Students focus on: how are feminist movements culturally and historically situated; and how do representations of indigenous women shape knowledge and agency.
View course details in MyPlan: T EGL 301

T EGL 302 Tribal Critical Race Theory and Critical Race Theory (5) SSc, DIV
Explores tribal critical race theory and critical race theory as an analytical framework that provides race-based epistemological, methodological, and pedagogical approaches to the study of everyday inequalities in education and racialized lived experiences. Examines its utility and limitations, and considers its application to transform inequities.
View course details in MyPlan: T EGL 302

T EGL 303 Introduction to American Indian Education (5) SSc, DIV
Examines the legacy of American Indian educational policies, practices, and impacts of the United States forced cultural assimilation through boarding schools. Students focus on: how American Indian boarding schools became an integral part of a historical assault on cultural and traditional identity. Course overlaps with: T EDUC 474.
View course details in MyPlan: T EGL 303

T EGL 304 Indigenous Ethnoecology (5) SSc, DIV
Explores traditional Indigenous knowledge as a process, rather than as content. Demonstrates the importance of bridging traditional ecological knowledge to western ecology, and highlights the cultural and political significance of such knowledge for Indigenous groups themselves.
View course details in MyPlan: T EGL 304

T EGL 305 The American Indian Movement (5) SSc, DIV
Traces the American Indian Movement from its beginning to its legacy using period specific literature. Explores what writings inspired the American Indian Movement and what writings the movement inspired. Dedicates a significant portion of the class to student-centered research on the local AIM movement.
View course details in MyPlan: T EGL 305

T EGL 306 Indigenous Peoples of the Pacific (5) SSc, DIV
Explores issues involving the Pacific Islands region, also known as Oceania, and the Indigenous peoples. Introduces students to the geography, societies, histories, cultures and contemporary issues of Oceania, including Hawai'i. Expands students' knowledge of the region and provide insights into Pacific Islander

communities.
View course details in MyPlan: T EGL 306

T EGL 310 Intersectional Feminisms (5) SSc, DIV
Studies intersectional feminist movements rooted in Black feminist and feminist of color theory, that are developed in response to the interlocking nature of systems of oppression. It delves into the creative cultural production and knowledge production of social movements as well as the interplay of art making, theory making, and social justice organizing in various historical and contemporary contexts. Recommended: either T WOMN 101, T EGL 101, or equivalent coursework.
View course details in MyPlan: T EGL 310

T EGL 340 Intersections: Race, Gender, and Sexuality in a Global Perspective (5) SSc, DIV
Examines the interrelationship between gender, race, class, sexuality, religion, and nationality and how these concepts vary across cultures. Focuses on the political, social, and cultural impact of large historical processes, such as capitalism and imperialism; slavery; nationalism; transnationalism; globalization; war and violence; and migration and diaspora.
View course details in MyPlan: T EGL 340

T EGL 365 Indigenous Ethnobiology (5) SSc, DIV
Examines Indigenous ethnobiology - cultural knowledge of plants and animal - and the nature of traditional knowledge through the use of plants (ethnobotany) and animals (ethnozoology) and an examination of contemporary Indigenous issues: traditional versus commercial intellectual property rights to genetic and ecological diversity and medicinal plants, conservation, and traditional societies.
View course details in MyPlan: T EGL 365

T EGL 380 Gender and Sexuality Across Cultural and Historical Contexts (5) SSc, DIV
Examines the embodied performances and politics of gender in a variety of contexts. Explores different definitions, constructions, and theoretical perceptions of gender and sexuality. Develops a deeper understanding of gender and sexuality in different cultures and historic moments through sociological and historical comparisons. Recommended: T WOMN 101.
View course details in MyPlan: T EGL 380

T EGL 401 Critical and Indigenous Methodologies (5) SSc, DIV
Explores how diverse indigenous and non-indigenous voices informed research, policy, politics, and the transformative frameworks of social justice. Examines the history of critical and indigenous theories and how it came to inform and impact qualitative research, and emphasizes reflective and applied learning.
View course details in MyPlan: T EGL 401

T EGL 419 African-American Culture and Consciousness (5) SSc, DIV
Examines African-American culture and consciousness from slavery to present. Readings focus on the construction of African-American culture, racial identity, social consciousness, political thought, oppression and resistance, and the confluence of race, class and gender in shaping cultural expressions such as Blues, Jazz, Hip-Hop and aesthetics.
View course details in MyPlan: T EGL 419

T EGL 435 Migration in the Modern World: Migrants, Immigrants, and Refugees (5) SSc, DIV
Examination of the dynamics of international migration in the modern world, with a focus on selected sending and receiving societies (western and non-western). Investigates both macro-economic and political influences on migration, as well as the involvement of social networks and households. Explores the diversity of population movements in historical perspective and in the context of competing theories of migration,

settlement, and adaptation.
View course details in MyPlan: T EGL 435

T EGL 464 Indigenous Health, Political Ethnoecology and Governance (5, max. 15) SSc, DIV
Examines the historical and indigenous (American Indian, Alaska Native, First Nations, Maori and Aboriginal) approaches to the meaning of health in modern and contemporary cultures, and how governance and educative discourse about health and ethnoecology have shaped post-colonial models of Indigenous health.
View course details in MyPlan: T EGL 464

T EGL 498 Study Abroad: Intersections (5-12)
Explores intersectionality of differing social categories such as race, gender, ethnicity, class, religion, sexuality and so on in international local(es) to enhance understanding of global-local dynamics. Includes on-site interactions/collaborations with local organizations, scholars, activists and professionals; visits to cultural venues; and participation in community experiences.
View course details in MyPlan: T EGL 498

FILM STUDIES

T FILM 201 Introduction to Film Studies (5) A&H
Introduction to the languages and forms of cinema. Topics include narrative and non-narrative film; mise-en-scene, cinematography, and editing; the soundtrack; film directors, genres, and historical movements. Course equivalent to: CMS 270 and BIS 261.
View course details in MyPlan: T FILM 201

T FILM 220 Film and the Arts (5) A&H
Examines connections between film and other art forms, such as literature, painting, music and theater/performance. Emphasizes methods of interpretation and critical theory in studying the relationships of artistic expression. Examines/may examine the work of major directors, writers, and artists, as well as examples at local museums and performance spacesd. Course overlaps with: C LIT 371.
View course details in MyPlan: T FILM 220

T FILM 348 Film and Human Values (5, max. 10) A&H/SSc
Examines contemporary and classical films in order to explore how they might disclose different dimensions of human meaning, value, virtue or their opposites. Analyzes how film has become a major part of twentieth-century existence, experience and expression. Views, discusses and analyzes selected films.
View course details in MyPlan: T FILM 348

T FILM 350 Screenwriting (5) A&H
Introduction to the fundamentals of theme, plot, character, and dialogue in writing for film and television. Students develop scripts, focusing on one central conflict, working in a workshop class format.
View course details in MyPlan: T FILM 350

T FILM 377 Spanish Film (5) A&H
Examines the ways in which Peninsular Spanish film reflects history, society, class, and gender issues. Develops understanding of film as an art form within a specific cultural context. Films in Spanish with English subtitles. No knowledge of Spanish required. Course overlaps with: SPAN 335.
View course details in MyPlan: T FILM 377

T FILM 380 Hollywood Cinema I: Hollywood's Golden Age 1930-1959 (5) A&H
Examines the vast changes in film and society from 1930 to 1959, during the Golden Age of Hollywood. Considers films as art, as responses to social, political, economic, technological, and cultural conditions.

Analyzes the coming of sound, the studio and star system, the Production Code, and genres.
View course details in MyPlan: T FILM 380

T FILM 381 Hollywood Cinema II: Post-Classical Hollywood 1960-2000 (5) A&H
Examines the changes in film and society from 1960 to 2000. Considers films as art, as responses to social, political, economic, technological, and cultural conditions. Analyzes the rise and impact of underground films, television, CGI, the civil rights movements, the Vietnam war, the Reagan era, and the Persian Gulf war.
View course details in MyPlan: T FILM 381

T FILM 386 Silent Cinema (5) A&H
Surveys film history from 1895 to 1927. Studies masterpieces of international cinema in historical, aesthetic, technological, and social contexts.
View course details in MyPlan: T FILM 386

T FILM 387 World Film 1927-1959 (5) A&H
Examines major cinematic movements, trends, and individual works between 1927 and 1959. Considers films as art; as responses to social, political, economic, technological, and cultural conditions; and as transnational media phenomena.
View course details in MyPlan: T FILM 387

T FILM 388 World Film 1960-2000 (5) A&H
Examines major cinematic movements, trends, and individual works between 1960 and 2000. Considers films as art, as responses to social, political, economic, technological, and cultural conditions, and ad transnational media phenomena.
View course details in MyPlan: T FILM 388

T FILM 420 Contemporary World Cinema (5) A&H
Study of trends in current international cinema: genres, geographical areas, technology, economics, and criticism.
View course details in MyPlan: T FILM 420

T FILM 432 Race and Ethnicity in Film (5) A&H, DIV
Examines the intersections of race, ethnicity, and film to consider how cinematic representations reflect and shape ideas about variously racialized and ethnicized bodies and identities. Recommended: T FILM 201.
View course details in MyPlan: T FILM 432

T FILM 434 Disability in Film (5) A&H, DIV
Examines the intersection of disability and film to consider how cinematic representations shape, reflect, perpetuate or challenge ableist ideas about persons with disabilities. Considers intersections with race, gender, sexuality, class, and disability. Emphasizes methods of interpretation and analysis from a variety of perspectives from disability studies and film studies.
View course details in MyPlan: T FILM 434

T FILM 436 Feminist Perspectives in Film and Literature (5) A&H, DIV
Introduces students to feminist theories of representation and methods of analysis. Examines film and literature from Feminism's First Wave (late 19th-early 20th century), the high-water mark of Second Wave Feminism (1960s and 1970s, with films into the 1980s), and Third Wave, also called the post-feminist era (1990s to present).
View course details in MyPlan: T FILM 436

T FILM 438 Gender and Sexuality in Film (5) A&H, DIV
Examines the intersection of gender, sexuality, and film to consider how cinematic representations shape and reflect ideas about masculinity, femininity, heterosexuality, and homosexuality, as well as social identities that fall outside these categories.
View course details in MyPlan: T FILM 438

T FILM 440 Writing Film Criticism (5) A&H
Explores the practice of film criticism through intensive reading and discussion of films and through writing and peer reviewing. Builds and understanding of the differences between film reviewing and criticism, and the importance of audience, style and approach. Prerequisite: One 300 or 400 level film class.
View course details in MyPlan: T FILM 440

T FILM 444 Crime Narratives and Society (5) SSc/A&H
Examines how crime narratives in film and media are constructed and how textual form and aesthetic choices convey ideological messages which reflect and shape society and the criminal justice system. Topics vary, but can include True Crime, Courtroom Dramas, Police Procedurals, and Prison Narratives. Emphasizes an interdisciplinary approach of analysis.
View course details in MyPlan: T FILM 444

T FILM 450 Advanced Screenwriting: Writing the Feature (5) A&H
Re-envisions a short script as a feature screenplay. This workshop builds on the foundation of TFILM 350 using exercises, reading drafts, reviewing peer work, and brainstorming ideas to develop a final screenplay. Course overlaps with: CMS 470 and ENGL 387. Prerequisite: a minimum grade of 2.8 in T FILM 350.
View course details in MyPlan: T FILM 450

T FILM 481 Film Theory and Aesthetics (5) A&H
Examines 20th century's major film theorists' conception of the raw materials, forms, and values and effects of the film medium. Considers how critical theory adds to the understanding and enjoyment of film. Explores how commercial and experimental films exemplify and challenge ideas presented in readings. Prerequisite: T FILM 220, T FILM 272, TCOM 347, CMS 270, or C LIT 270.
View course details in MyPlan: T FILM 481

T FILM 483 Film Directors (5, max. 10) A&H
Examines the idea of film authorship: does film, most often an industrial and collaborative medium, allow for the director's "individual" expression? Can we speak of a Woody Allen film in the same way that we speak of a Shakespeare play or a Jane Austen novel?
View course details in MyPlan: T FILM 483

T FILM 485 Media Genres (5, max. 10) A&H
Study of genre, the thematic classification of films (e.g. westerns, musicals) and television programming. Topics vary, but can include comedy, news/documentary, musical, and social-problem melodramas.
View course details in MyPlan: T FILM 485

T FILM 487 Cinema, Time, and Memory (5) A&H
Examines the flowering of time related themes in contemporary cinema (acknowledging that all of cinema is, in essence, time travel). Its main concerns are: time travel, reboots, remakes, pastiche (cinema or television "in the manner of" earlier works), and contemporary puzzle films (aka "complexity films").
View course details in MyPlan: T FILM 487

T FILM 489 Screendance (5) A&H
Studies the relationship between dance and moving-image media, including theories, aesthetics, and politics of

combining two art forms based in movement. Recommended: T FILM 201 or equivalent.
View course details in MyPlan: T FILM 489

T FILM 499 Special Topics in Film Studies (5, max. 10) A&H
Offered occasionally by permanent or visiting faculty members. Topics vary.
View course details in MyPlan: T FILM 499

GEOGRAPHY

T GEOG 101 Introduction to Geography (5) SSc
Broad introduction to the field of geography within the context of globalization. Topics include the relationship between humans and their environment, the role of culture in landscape change, economic development, geopolitics, and urban systems. Course equivalent to: GEOG 100 and BIS 180.
View course details in MyPlan: T GEOG 101

T GEOG 210 Geographies of Global Change (3) SSc
Introduces aspects of the economic, political, social, and environmental changes the world is experiencing and the new geographies being brought about by these changes. Includes such topics as population growth, environmental degradation and sustainability, food security, urbanization, poverty and inequality, development, the geopolitical arena, and the role of international organizations.
View course details in MyPlan: T GEOG 210

T GEOG 321 Urban Geography (5) SSc
Examines the spatial organization of cities in relation to the economic, social, cultural, and political forces that shape them. Includes such topics as the evolution of cities, perceptions of urban space, gentrification, race and housing, homelessness, social exclusion, urban redevelopment, suburbanization, and planning. Emphasizes U.S. cities.
View course details in MyPlan: T GEOG 321

T GEOG 349 Geography and International Trade (5) SSc
Introduces theories, policies, geographic patterns, and practices of international trade and foreign direct investment. Topics include: trade theory and policy; economic integration; currency markets and foreign exchange; trade operations and logistics; the international regulatory environment; and marketing, location and entry, and finance, accounting, and taxation. Equivalent to GEOG 349. Course equivalent to: GEOG 349.
View course details in MyPlan: T GEOG 349

T GEOG 352 Cultural Geography (5) SSc
Cultural components and the analysis of the role of culture in the formation of landscape patterns and the development of a sense of place. Emphasizes issues and problems generated by globalization.
View course details in MyPlan: T GEOG 352

T GEOG 403 Geography of the United States of America and Canada (5) NSc
Regional study of the United States and Canada based upon physical and cultural features. Examines continental and regional variations in terrain, climate, vegetation, economic, and social life of the United States and Canada, with emphasis on geographical principles, sources of data, and techniques of investigation.
View course details in MyPlan: T GEOG 403

T GEOG 420 Gender, Space and Culture (5) SSc, DIV
Considers gender differences in experiences of space and place; the relationship between gender, geopolitics, and geographies of cities, regions, nation-states, and other social institutions; and gender differences in "making place" and interacting with environments. It considers multiple and competing theoretical

perspectives, but especially feminist and queer ones.
View course details in MyPlan: T GEOG 420

T GEOG 435 Contemporary Geopolitics (5) SSc
Explores geopolitical concepts and relates them to contemporary global issues and debates. Examines both the influence of geography on politics and the geography of politics.
View course details in MyPlan: T GEOG 435

T GEOG 440 Political Geography: Territory, State and Society (5) SSc
Introduction to political geography from the perspective of political economy and the politics of difference. Discusses both critical approaches to human geography and geographical interpretations of the state. Emphasizes spatial dimensions of capitalist development as mediated by urban, national and global politics. Offered: Sp.
View course details in MyPlan: T GEOG 440

GEOSCIENCES

T GEOS 107 Geohazards and Natural Disasters (5) NSc
Provides a scientific foundation and understanding of the basic natural and physical processes driving what we perceive as geohazards and natural disasters.
View course details in MyPlan: T GEOS 107

T GEOS 117 Physical Geology (6) NSc
Examines the fundamental geological processes that govern how the earth works. Includes plate tectonics, the rock cycle, volcanism, seismicity, surface processes and earth resources. Includes required lab. Course overlaps with: ESS 101.
View course details in MyPlan: T GEOS 117

T GEOS 215 Meteorology (5/6) NSc
Introduces the processes that determine weather and climate. Provides an overview of basic meteorological principles and explore the cause of extreme weather conditions and air pollution problems locally and globally.
View course details in MyPlan: T GEOS 215

T GEOS 216 Pacific Northwest Geology (5) NSc
Explores the rocks, plate tectonics, and other geologic features, and evolution of the Pacific Northwest, including the Cascades, Columbia Plateau, Olympic Mountains, and Yellowstone. Laboratory includes rock identification, and interpretation of topographic and geologic maps of the Northwest.
View course details in MyPlan: T GEOS 216

T GEOS 226 Pacific Northwest Geology Field Trip (1) NSc
One week field trip exploring rocks, plate tectonics, and evolution of the region, to include the Puget Sound, Cascades, Columbia Plateau, the Olympic Mountains. Includes rock identification, application of tectonic principles, and interpretation of geologic maps. Prerequisite: T GEOS 216.
View course details in MyPlan: T GEOS 226

T GEOS 227 Earth History (5) NSc
Provides a scientific understanding of the physical and biological processes that have shaped the Earth over its 4.6 billion year history and relates this to issues facing society today.
View course details in MyPlan: T GEOS 227

T GEOS 241 Oceanography (5/6) NSc
Examines evolution, composition, structure, behavior and residents of the world's oceans, and geological characteristics of their residential basins. Covers all aspects of oceanography. Required lab section includes hands-on activities, computer simulations, discussion, student presentations, and field trips. Course overlaps with: OCEAN 101 and BEARTH 154.
View course details in MyPlan: T GEOS 241

T GEOS 243 Geography of the Physical Environment (5-6) NSc
Investigates the physical and chemical processes that lead to Earth's diverse, dynamic landscapes. Introduces a geographic perspective on topics including climate and climate change, plate tectonics, mountain building, soils, hydrology, and coastlines, with a focus on the relationship between natural landscapes and habitats of living things, including humans.
View course details in MyPlan: T GEOS 243

T GEOS 319 From Mountains to Sea: Comparative Volcanoes (7) NSc
Examines different volcanic landscapes through comparative geologic field investigations and explores how geologic processes relate to local culture and history. Course overlaps with: OCEAN 121. Prerequisite: minimum 2.0 grade in either T CORE 101, TWRT 112, or TWRT 121.
View course details in MyPlan: T GEOS 319

T GEOS 335 Introduction to Geomorphology (6) NSc
Introduces students to geomorphology - the study of Earth-surface processes and landforms. Examines basic geomorphic concepts introduced and general landform environments including (fluvial, glacial, coastal, hillslopes, etc.). Course overlaps with: ESS 326. Prerequisite: either T GEOS 117 or T GEOS 243; and either TMATH 120 or TMATH 116.
View course details in MyPlan: T GEOS 335

T GEOS 337 Environmental Geology (6) NSc
Investigates the complex interactions between humans and their geologic environment. Examines environmental aspects of natural hazards, surface processes, geologic resources, and local geology. Required lab section includes hands-on activities, computer activities, student presentations, and field trips. Prerequisite: either T GEOS 117 or T GEOS 241.
View course details in MyPlan: T GEOS 337

T GEOS 341 Climate Change (5) NSc
Provides a scientific background to climate change. Uses evidence of climate change in the geologic record to confirm exponential changes in the current climate. Considers the impact of climate change together with policies and practices that address issues of climate change. Prerequisite: a minimum grade of 2.0 in either T CORE 101, TWRT 112, TWRT 121, or TWRT 211.
View course details in MyPlan: T GEOS 341

T GEOS 343 The Atmosphere and Air Pollution (6) NSc
Explores processes determining weather and climate and investigates how these phenomena relate to air pollution. Presents and applies meteorological principles to understanding global/local air pollution issues. Required lab section: hands-on activities, computer simulations, discussion and student presentations and/or field trips.
View course details in MyPlan: T GEOS 343

T GEOS 347 Environmental Earth Materials (6) NSc
Examines the physics and chemistry of materials that make up the solid Earth materials in environmental

systems. Prerequisite: a minimum grade of 2.0 in T GEOS 117.
View course details in MyPlan: T GEOS 347

T GEOS 415 Sedimentology (6) NSc
Detailed and comprehensive analysis of the field of sedimentology including surface processes, sedimentary petrology, sedimentary environments, and stratigraphy. Includes lab and field trips. Prerequisite: either T GEOS 117 or T GEOS 337.
View course details in MyPlan: T GEOS 415

T GEOS 417 Field Geology (7/12) NSc
Field-based knowledge of the geological environment of a specific region and an introduction to geological field techniques. 7 credit offerings are local, requiring in-class and 2 overnight field trips. 12 credit offerings will be based partially off-campus (may include international travel). Prerequisite: TESC 310, which may be taken concurrently; and either T GEOS 117 or T GEOS 337.
View course details in MyPlan: T GEOS 417

T GEOS 419 Environmental Field Geophysics (7) NSc
Investigates shallow subsurface geological and environmental features using wave- and potential-based geophysical surveys and physical principles. Prerequisite: TESC 310, which may be taken concurrently; T GEOS 117; and T PHYS 121.
View course details in MyPlan: T GEOS 419

T GEOS 445 Estuarine Field Studies (7) NSc
Investigates saltwater estuarine systems with a focus on Pacific Northwest water-related issues. Uses intensive field studies to explore various aspects of the physical, chemical, biological and geologic conditions in a range of local saltwater environments in Puget Sound. Prerequisite: TESC 310, which may be taken concurrently.
View course details in MyPlan: T GEOS 445

HISTORY

T HIST 101 Introduction to History Methods (5) SSc
Introduces students to historians' methods for researching and writing, including Chicago style, with a focus on formulating, researching, and writing a history research paper on a topic agreed upon by the student and the instructor related to the instructor's field(s) of expertise.
View course details in MyPlan: T HIST 101

T HIST 102 Introduction to Global Studies (5) SSc
Introduces interdisciplinary study of global phenomena and the basic methods for their assessment. Analyzes survey of trans- national, -regional, and -geographic trends, perspectives, and content topics. Emphasizes the mechanisms of the transmission and causal relations of social, cultural, political, and scientific developments and their respective spheres of influence.
View course details in MyPlan: T HIST 102

T HIST 111 The Ancient World (5) SSc
Origins of Western civilization to the fall of Rome. Course equivalent to: HSTAM 111.
View course details in MyPlan: T HIST 111

T HIST 112 The Medieval World (5) SSc
Political, economic, social, and intellectual history of the Middle Ages. Course equivalent to: HSTAM 112.
View course details in MyPlan: T HIST 112

T HIST 150 World History: Prehistory to 1500 (5) SSc
Surveys the social, political, economic, and cultural history of the world from Prehistory to the 15th century.
View course details in MyPlan: T HIST 150

T HIST 151 World History II 1500 to Present (5) SSc
Surveys the social, political, economic, and cultural history of the world from the end of the 15th century to the present. Course equivalent to: BIS 269.
View course details in MyPlan: T HIST 151

T HIST 200 American History I, 1607-1877 (5) SSc
Introduces, surveys, and analyzes American history from 1607-1877. Traces political, economic, social, and cultural trends of America's Colonial, Revolutionary, Early National, Antebellum, Civil War, and Reconstruction eras.
View course details in MyPlan: T HIST 200

T HIST 201 American History II, 1877-present (5) SSc
Introduces, surveys, and analyzes American history from 1877-present. Traces the major political, economic, social, and cultural trends of the American eras of Industrial Revolution, Progressivism, 1920s, FDR and the New Deal, World War II, Cold War, 1960s, and Reaganism to the present day.
View course details in MyPlan: T HIST 201

T HIST 202 Global Theories and Methods (5) A&H/SSc
Familiarizes students with recent theories and methods toward understanding, interpreting, and analyzing interconnected causes and effect within the global sphere over extended periods of time.
View course details in MyPlan: T HIST 202

T HIST 203 Modern Europe in Global History (5) SSc
Examines modern European history in relationship to global history including cultural, intellectual, social, political, and economic interchanges between Europe, Asia, Africa, and the Americas since the European Renaissance. Course equivalent to: HSTEU 113.
View course details in MyPlan: T HIST 203

T HIST 212 American Military History I (5) SSc
Explores how early Americans conducted military campaigns from colonial times to 1939, looking at the impact of political, economic, cultural, historical, and technological factors shaping how America fought prior to WW II. Course equivalent to: HSTAA 212.
View course details in MyPlan: T HIST 212

T HIST 213 American Military History II (5) SSc
Explores how modern American conducts military campaigns from 1939 to the present looking at the impact of political, economic, cultural, historical, and technological factors shaping how America fought after WW II.
View course details in MyPlan: T HIST 213

T HIST 220 African American History 1619-1865 (5) SSc, DIV
Examines the social, political, economic and cultural history of African Americans in the United States from 1619-1865. Covers West African origins, the trans-Atlantic slave trade, slavery in the Americans, African American identities, and Black life in the Ante-bellum era.
View course details in MyPlan: T HIST 220

T HIST 221 African-American History 1865-1945 (5) SSc, DIV
Examines construction of the 'Jim Crow' system of racial segregation in the United States, from the Supreme

Court's Plessy v. Ferguson decision legalizing segregation in 1896 to the court's Brown v. Board of Education decision overthrowing it in 1954. Examines African-American history, culture, and resistance to segregation in this period.
View course details in MyPlan: T HIST 221

T HIST 222 African-American History 1945-Present (5) SSc, DIV
Examines African-American history from 1945 to present. Focuses on African-American culture, racial identity, social consciousness, political thought, oppression and resistance, and the confluence of race, class, and gendering in shaping Black culture, politics, and society. Explores U.S. history through the lens of African Americans.
View course details in MyPlan: T HIST 222

T HIST 231 The Ancient Mediterranean World (5) SSc
Covers political, economic, social, cultural, and intellectual history of the Mediterranean geographic sphere from prehistory to the fall of the Roman Empire and the rise of the Byzantine Empire.
View course details in MyPlan: T HIST 231

T HIST 251 The Global Twentieth Century (5) A&H/SSc
Surveys the interactive political, economic, cultural, and social developments that shaped the 20th-century world to the present.
View course details in MyPlan: T HIST 251

T HIST 260 Empires and Imperialism in World History (5) SSc
Examines world history of the Roman, Chinese, Mongol, Ottoman, and Modern European empires and imperialism from ancient to modern times. Themes include empire as historical pattern related to political, economics, and cultural spheres of influence and exchange.
View course details in MyPlan: T HIST 260

T HIST 270 Premodern East Asia (5) SSc
Examines premodern China, Japan, Korea and Vietnam from their earliest origins to the mid-eighteenth century. Considers social, cultural, political, economic and intellectual developments within a historical framework.
View course details in MyPlan: T HIST 270

T HIST 271 Modern East Asia (5) SSc
Examines Modern East Asia, focusing on China, Japan, Korea and Vietnam from the mid-eighteenth century to the present. Considers social, cultural, political, economic and intellectual developments within a historical framework.
View course details in MyPlan: T HIST 271

T HIST 280 German Cultural History (5) A&H
Examines German cultural and social history from the Middle Ages to the post-unification era of the 21st century. Traces the broad development of German civilization through popular culture, literature, art, theater, film, music, and modern media.
View course details in MyPlan: T HIST 280

T HIST 290 A World History of Food (5) SSc
Examines a world history of food from the Agricultural Revolution to Industrialization including the Columbian Exchange and ecological imperialism with specific foci on key commodities like sugar. Connects human relationships to food with their historical and social, political, cultural, and economic meanings through time

and place.
View course details in MyPlan: T HIST 290

T HIST 315 Industrialization and Reform (5) SSc
Examines the development of industrial capitalism and its effects on government, social institutions, workers and the environment, and on efforts to bring about reform. Provides a historical context for considering current debates about free markets versus planned or regulated economies.
View course details in MyPlan: T HIST 315

T HIST 320 Asian American History (5) SSc
Examines the histories, cultures, and literatures of Chinese, Japanese, Filipinos, Koreans, East Indians, and Southeast Asians in America from 1850 to 2009. Focuses on struggles of individual groups confronting widespread hostility and poverty. Explores how they established viable communities that continue to flourish to the third, fourth, and fifth generations.
View course details in MyPlan: T HIST 320

T HIST 322 American Labor Since the Civil War (5) SSc
Provides a history of workers and labor institutions from the era of industrialization to the post-industrial era, focusing on labor-management conflict, the rise and fall of unions, and on the role of government, the media, and other forces in determining events. Concludes with an assessment of labor today.
View course details in MyPlan: T HIST 322

T HIST 333 Early American Music, Art, Literature, and Theater (5) A&H
Examines the cultural life of Americans from Colonial times to the eve of the Civil War. Includes topics such as Anglo/Celtic and Afro folk and church music, landscape and genre painting, regional and frontier literature, newspaper humor, popular culture, circus, Chautauqua, and minstrel shows.
View course details in MyPlan: T HIST 333

T HIST 336 Black, Labor, and Protest Music in Historical Perspective (5) SSc/A&H
Presents distinctive musical traditions of African-American, labor and protest movements. Uses folk and protest music as a way to access and understand submerged elements of the American experience that are often ignored or lost to history. Reviews folk traditions embodied in American popular culture.
View course details in MyPlan: T HIST 336

T HIST 340 History of United States-American Indian Relations (5) SSc
Examines the interrelations between Native Americans and European immigrants since 1500. Explores conflicts and problems in Indian-White relations in a historical context. Includes an analysis of Indian policy and major legislation, with a special focus given to the consequences generated for contemporary Indian education and religion.
View course details in MyPlan: T HIST 340

T HIST 341 African-American History (5) SSc
Considers some of the major themes and periods in African-American history, as well as the history and present-day manifestations of racial oppression and stereotyping in American life. Includes history texts, classics of African-American literature, films and music, and intensive classroom discussion.
View course details in MyPlan: T HIST 341

T HIST 343 Vietnam and the 1960s (5) SSc
Examines the dissent and radicalism of the 1960s stemming from the Vietnam War, as well as civil rights and other causes. Explores various political questions pertinent to the 1960s through readings, films, music, and

intensive discussion.
View course details in MyPlan: T HIST 343

T HIST 349 Minorities and Higher Education in American History (5) SSc
Analyzes materials pertaining to the impact of socio-economic, cultural, racial, ethnic, and gender diversity in the American educational system. Studies the development of U.S. policies which both historically excluded and included minorities, women, and the economically disadvantaged population in America.
View course details in MyPlan: T HIST 349

T HIST 350 Modern Germany Since 1848 (5) SSc
Explores the history of the modern German nation state from the nineteenth century to the present; the rise of nationalism and the 1848 Revolution; the Bismark era, Imperial Germany, World War I, the Weimar Republic, the Nazi Regime, World War II, divided Germany, the post-war era, reunification, and Germany today.
View course details in MyPlan: T HIST 350

T HIST 356 History of Christianity (5) SSc
Examines Christian religion, including doctrine, practice, and church organization, from the time of Jesus Christ to the present, examining the religion's influence on culture, politics, and society.
View course details in MyPlan: T HIST 356

T HIST 363 Making of Russia (5) SSc
Considers historical, social, and cultural forces creating the Russian Empire. Examines Russia's Kievan past, Mongol era, rise of Moscow, the country's transformation under Peter the Great and his heirs, and social and political movements that resulted in the Tsarist system's collapse. Films, music, and slides supplement lectures and discussions.
View course details in MyPlan: T HIST 363

T HIST 364 Modern Russia (5) SSc
Explores Russia from Nicholas II through the Soviet era to contemporary Russia.
View course details in MyPlan: T HIST 364

T HIST 365 Europe in the Twentieth Century (5) SSc
Examines major political, social, and cultural developments in twentieth century Europe. Explores the two world wars, fascism and communism as alternatives to parliamentary democracy, the Cold War, and the post-war integration of Europe, with the support of primary sources including cultural artifacts.
View course details in MyPlan: T HIST 365

T HIST 366 Europe in the Twenty-First Century (5) SSc
Investigates the socioeconomic, environmental, political, and cultural conditions characterizing European integration since 1993. Analyses causal factors and normative policies through readings of primary and secondary sources with an interdisciplinary focus on the history, structures, initiatives, and global relations of the EU.
View course details in MyPlan: T HIST 366

T HIST 372 Comparative Perspectives on East Asian and Latin American Development (5) SSc
Focuses on two important regions of the world, broadly comparing historical, cultural, and social experiences and relating these differences in experiences in specific Pacific Rim and Latin American countries. Examines how internal dynamics of these regions has shaped their standing in the world economy despite external political and economic constraints.
View course details in MyPlan: T HIST 372

T HIST 375 British Empire (5) SSc
Examines origins, expansion, and decline of British imperialism at home and abroad. Analyzes culture, society, economics, and politics of British imperialism using scholarly, popular, and primary sources from imperialists, anti-imperialists, colonists, and the colonized. Prerequisite: any 100- or 200-level T HIST course.
View course details in MyPlan: T HIST 375

T HIST 376 Global Diasporas, Borders, and Refugees in Visual Culture (5) A&H/SSc
Explores global experiences of human displacement and forced migration across time and geographies as expressed through visual culture. Interweaves social and cultural fields of study toward an analysis of visual narratives about diaspora, refuge, borders, and exile. Course overlaps with: AES 480; CHSTU 224; JSIS 278; JSIS A 349; JSIS B 437; and JSIS B 441.
View course details in MyPlan: T HIST 376

T HIST 377 Art of the Americas (5) A&H
The art of the United States, Mexico, and Canada is united by common historical events. Explores the painting, sculpture, and architecture of these three countries in the context of indigenous cultures, conquest and colonization, revolution, independence, and the search for national identity.
View course details in MyPlan: T HIST 377

T HIST 378 American Architecture (5) A&H
Examines the architecture of the United States from early Native American structures to late twentieth-century buildings. Focuses on issues concerning style, technology, regionalism, functions, and reform to address the diverse forces that have shaped and continue to shape American architecture.
View course details in MyPlan: T HIST 378

T HIST 379 Modern Architecture (5) A&H
Examines twentieth-century architecture and its origins. Focuses on issues concerning style, technology, urbanism, regionalism, function, and reform to address the diverse forces that have shaped modern architecture.
View course details in MyPlan: T HIST 379

T HIST 380 History Methods Research and Writing Seminar (5)
Covers developing a thesis, designing an outline, doing preliminary research, and preparing a history senior paper proposal with annotated bibliography and literature review. Includes required field trips to archival repositories.
View course details in MyPlan: T HIST 380

T HIST 385 Russian Civilization (5) A&H/SSc
Examines aspects of Russian culture from the perspective of individual Russian cultural figures. Includes: Andrei Rublev and Russian Orthodoxy; the Age of Pushkin; Turgenev and the Populist Tradition; Chaikovsky and the Development of a Russian National Music; the Cinema of Eisenstein; and Socialist Realism from Gorky to Rybakov.
View course details in MyPlan: T HIST 385

T HIST 410 Early American Politics, Constitution, and Law (5, max. 10) SSc
Explores American political history from a variety of perspectives. Topics vary, including the American Revolution, Constitution and Bill of Rights, political party systems, Jacksonian democracy, nationalism and sectionalism, the Civil War and American laws and lawyers.
View course details in MyPlan: T HIST 410

T HIST 411 History of Religion in America (5) SSc
Examines the significance of religion in American society from European colonization to the twentieth century. Topics include Puritanism, revivalism, women, slavery, ethnicity and immigration, and pluralism.
View course details in MyPlan: T HIST 411

T HIST 413 Civil Rights, Civil Liberties (5, max. 10) SSc
Examines the historic personal and community rights, or lack thereof, embodied in the Constitution and Bill of Rights. Focuses on the history of efforts to preserve, extend or undermine these rights and on the status of these rights today. May be repeated for credit with instructor's approval.
View course details in MyPlan: T HIST 413

T HIST 416 Life and Thought: Martin Luther King, Malcolm X, and Angela Davis (5) SSc, DIV
Explores the experiences and thinking of three well-known leaders of African-American protest in the 1960s. Interprets black radicalism in that era and the relationship of these three analysts and activists to their times and to the present.
View course details in MyPlan: T HIST 416

T HIST 417 United States History 1945-Present (5) SSc, DIV
Examines U. S. history from 1945 to present. Examines the social, political, and economic history of the nation. Focuses on the role of culture, social consciousness, political thought, and the confluence of race, class, and gender in shaping U.S. history. Focuses on new developments in American life.
View course details in MyPlan: T HIST 417

T HIST 420 African-American Religious History (5) SSc, DIV
Examines African-American religious practices from slavery to present. Focuses on the role of religion in African-American culture, racial identify, social consciousness, political thought, oppression and resistance, and the confluence of race, class, and gender in shaping Christianity, Islam, and traditional forms of African worship.
View course details in MyPlan: T HIST 420

T HIST 430 Introduction to Public History (5) A&H/SSc
Introduces students to the major issues and questions addressed by historians who work in the public sphere. Includes the interpretation of history, the role of history in popular culture, issues and aims in exhibiting history, the politics of public history, and historic preservation. Prerequisite: any T HIST course.
View course details in MyPlan: T HIST 430

T HIST 437 Doing Community History (5, max. 10) SSc
Involves the student in researching the history of the community, with particular focus on ethnic diversity. Includes primary research in libraries; interviewing residents; transcribing/editing oral memoirs; and writing history. Covers research skills, as well as sensitivity to community values and concerns. May be repeated with instructor's permission.
View course details in MyPlan: T HIST 437

T HIST 440 Black Labor in America (5) SSc, DIV
Provides an overview and a detailed consideration of the contributions of the black working class to the making of America. Examines historic racial-economic barriers which have held back development of African-American communities, and the continuing causes and possible solutions to the economic crisis affecting black working people today.
View course details in MyPlan: T HIST 440

T HIST 441 Black Freedom Movement in Perspective (5) SSc, DIV
Explores the historical roots and present-day manifestations of movements against racial oppression and for

empowerment in the African-American community, focusing heavily on the period since the 1950s. Includes films, music, and popular as well as academic literature.
View course details in MyPlan: T HIST 441

T HIST 442 History of African American Education (5) SSc
Explores the historical roots and present-day manifestations of movements against racial oppression and for empowerment in the African-American community, focusing heavily on the period since the 1950s. Sources include films, music, and popular as well as academic literature.
View course details in MyPlan: T HIST 442

T HIST 444 The Pacific Northwest (5) SSc
Examines the history and society of the Pacific Northwest - that region encompassing modern Washington, Oregon, Idaho, western Montana, British Columbia, and Alaska. Includes topics such as native peoples, exploration and settlement, natural resources, economic development, government, folk culture, ethnicity, and modern problems. Course equivalent to: BIS 424. Course overlaps with: HSTAA 432.
View course details in MyPlan: T HIST 444

T HIST 445 History of Tacoma (5) SSc
Surveys the history and fabric of Washington state's second largest urban center. Topics include early settlements, Tacoma as the Pacific terminus of the Northern Pacific Railroad, commercial and social currents, ethnic and political struggle as recurring forces, and the development of regional institutions, local governments, and locally based corporations. Emphasizes architecture, urban planning and growth, and the built environment of Tacoma.
View course details in MyPlan: T HIST 445

T HIST 451 Renaissance Europe (5) SSc
Development of Renaissance humanism and its influence on culture, politics, and society in fourteenth-, fifteenth-, and sixteenth-century Europe and beyond.
View course details in MyPlan: T HIST 451

T HIST 452 Art, Culture, and History of the Eternal City (12) A&H/SSc
Uses Rome as a laboratory to understand the role of art, history, and urbanism in the development of Western culture. Addresses the many facets of the cultural development of Rome and Italy, including geography, history, urban design, art, and architecture. Research-based and includes extensive fieldwork.
View course details in MyPlan: T HIST 452

T HIST 456 North American Regions I&S (5, max. 10) SSc
Examines the various regions of North America in comparative fashion. Topics may include the characteristics of the New England, Southern, frontier, Mississippi Valley, Canadian, Pacific Northwestern, and Southwestern regions of North America.
View course details in MyPlan: T HIST 456

T HIST 457 Anti-Semitism and the Holocaust (5) SSc
Historical, cultural, psychological, philosophical, and artistic approaches to understanding the Holocaust, including an examination of the role of anti-Semitism, Nazism, eugenics, bureaucracy, technology, attitudes and participation of "ordinary Germans," and the role of army and police units in its formation and execution. Explores implications of the Holocaust for contemporary life.
View course details in MyPlan: T HIST 457

T HIST 462 History of Vietnam (5) SSc
Examines Vietnamese history, culture, and society from the earliest days through the 1980s.
View course details in MyPlan: T HIST 462

T HIST 463 Premodern Japan (5) SSc
Explores how, from its prehistory to the 17th century, Japan has blended native traditions with continental Chinese influences to create its own civilization. Examines the political, economic, social, and intellectual factors that have shaped Japan in the premodern age. Provides a background to understanding the development of modern Japan.
View course details in MyPlan: T HIST 463

T HIST 464 Modern China (5) SSc
Traces the 19th and 20th century Chinese experience through China's struggles to modernize, its revolutionary experience, and the establishment and continuation of communist rule. Examines China's transformation from imperial rule to "People's Republic" by exploring political and economic change, and social, cultural, and intellectual change in an historical framework.
View course details in MyPlan: T HIST 464

T HIST 465 Modern Japan (5) SSc
Traces the transformation of Japan from a feudal country under Tokugawa military rule in the 19th century to an economic super-power in the 20th century. In addition to historical and political issues, addresses social and cultural topics, as will the clash of traditional Japan with the modern, industrialized West.
View course details in MyPlan: T HIST 465

T HIST 466 Modern Korea (5) SSc
Traces Korea's transition from traditional Asian state to modern nation emerging on the world economic scene. Explores how, because of its geographic location, Korea has suffered chaotic change in the modern period. Examines Korean society, culture, and politics, looking at Korea's period as a Japanese colony, the division of Korea, the Korean war, and recent developments.
View course details in MyPlan: T HIST 466

T HIST 467 Siberia and the Russian Far East (5) SSc
Examines the geography and natural resources, peoples, history, literature, culture, and economic development of Siberia and the Russian Far East from their beginnings to the present day.
View course details in MyPlan: T HIST 467

T HIST 470 The Material World: Art and Artifacts (5/7) A&H
Examines material culture created and used by humans to cope with the physical world. Employs interdisciplinary methods drawing from art history, historical archaeology, anthropology, and museum studies. Uses hands-on study of everyday objects as a means to understand the world around us. Prerequisite: any T HIST course.
View course details in MyPlan: T HIST 470

T HIST 474 Imperial China (5) SSc
Surveys the social, political, economic, and intellectual history of Imperial China from the earliest times to the 17th century. Provides a background to understanding the development of Asia in general and modern China in particular.
View course details in MyPlan: T HIST 474

T HIST 475 Twentieth-Century Britain (5) SSc
Examines twentieth century British history, interpreting Britain's global role in the nineteenth century, its

decline in the twentieth, and its re-emergence as a Western leader in the twenty-first century . Covers history from the Boer Wars to the 7/7 London bombings. Focuses on Britain in two world wars, the decline of British imperialism, and the effects of both in a globalized world. Course equivalent to: HSTEU 475.
View course details in MyPlan: T HIST 475

T HIST 477 Reformation and Counter-Reformation Europe (5) A&H
Explores the Reformation and Counter Reformation and their impact on institutions, governments, and individuals from the 16th through the 17th centuries. Examines politics, religion, culture, and intellectual thought in a socioeconomic context. Considers changing emphases, such as Papal Rome, the European courts, and the Dutch Republic.
View course details in MyPlan: T HIST 477

T HIST 478 Europe in the Nineteenth Century (5) A&H
Examine major political, social, and cultural developments in nineteenth century Europe, such as the Industrial Revolution, class struggle, nationalism, political freedom, and military conflicts. Emphasizes the analysis of social, economic, and political conditions as key influences on cultural production and its expression of the experience of modernity.
View course details in MyPlan: T HIST 478

T HIST 479 Modern European Culture (5) A&H
Surveys the history of modern European culture from 1870 through 1945. Explores the intersection between the arts, popular culture, intellectual thought, and politics with a focus on individual representatives of the avant-garde.
View course details in MyPlan: T HIST 479

T HIST 480 Eastern Europe in Transition, 1940-2000 (5)
Examines the peoples and nations of Eastern Europe in times of fundamental change. Includes the impact of the Second World War, the imposition of Stalinism, attempts at liberalization in Hungary and Czechoslovakia, transformation associated with the Gorbachev era, and the region's economic, social, and political future.
View course details in MyPlan: T HIST 480

T HIST 484 The Pacific War (5) SSc
Traces the Pacific War, examining the emergence of modern Japan, the sources of conflict in Asia and between Japan and the U.S., the battles that comprised the war, the home fronts of the involved nations and the war's end, and its impact on Asia and the world.
View course details in MyPlan: T HIST 484

T HIST 486 Contemporary Chinese Culture and Society (5) SSc
Examines cultural life in China since the founding of the People's Republic of China in 1949. Includes political rituals (e.g., struggle sessions); socialist policies (e.g., household registrations, work units); post-Mao social classes and consumerism; and family relations and cultural practices such as gift-giving and relationship building.
View course details in MyPlan: T HIST 486

T HIST 487 Technology in the Modern World (5) SSc
Examines social, cultural, and historical studies of the role of technology in the modern world. Themes include the unintended consequences of new technologies; the relationship between technology and the environment; production and consumption; and technology's role in forming divisions along lines of race, class, and gender.
View course details in MyPlan: T HIST 487

T HIST 488 History of Urbanization and the Environment (5) SSc
Addresses the environmental impact of ancient, medieval, and modern cities. Includes the evolution of urban infrastructure and relations between city and countryside.
View course details in MyPlan: T HIST 488

T HIST 490 Medieval Technology (5) SSc
Examines the nuts and bolts of medieval technology and urban life while exploring larger themes of the gendering of labor, the rebirth of cities, the uneasy relationship to Islamic civilization, and the destruction of the natural world.
View course details in MyPlan: T HIST 490

T HIST 491 Advanced Topics in the Ancient and Medieval Mediterranean World (5, max. 10) SSc
Explores critically select topics in ancient and medieval Mediterranean studies with an emphasis on new and emerging perspectives and scholarship if the field.
View course details in MyPlan: T HIST 491

T HIST 495 The Metropolis (5, max. 10) SSc
Examines the problems and opportunities associated with the development of the metropolis. Focuses on the 20th century, and the individual city selected changes, depending on quarter. Begins with an examination of such general issues associated with large cities as economic base, transport, social conditions, culture, and government, moves on to consider in detail one city.
View course details in MyPlan: T HIST 495

T HIST 497 Senior Thesis (5)
Includes a significant independent research project planned and carried out by the student under the direction of a faculty member on a significant scholarly topic selected by the student in consultation with faculty.
View course details in MyPlan: T HIST 497

T HIST 498 History Capstone (5) SSc
Emphasizes analysis of methodological issues and developing students' research and writing skills in history. Includes a significant independent research project planned and carried out by the student to complete senior thesis and portfolio requirements, including the oral presentation. Prerequisite: minimum grade of 2.0 in either T HIST 380 or TIAS 380.
View course details in MyPlan: T HIST 498

INTERDISCIPLINARY ARTS AND SCIENCES

TIAS 109 Elementary Intensive German Study Abroad (6)
Provides students with the basic skills necessary for speaking, listening, reading, and writing the German language at different levels of proficiency. Emphasizes contextual learning of the German language in relation to its culture, history, and philosophy in the context of a study abroad program in Frankfurt, Germany. Credit/no-credit only.
View course details in MyPlan: TIAS 109

TIAS 209 Intermediate Intensive German Study Abroad (6) A&H
Provides students with the basic skills necessary for speaking, listening, reading, and writing the German language at different levels of proficiency. Emphasizes contextual learning of the German language in relation to its culture, history, and philosophy in the context of a study abroad program in Frankfurt, Germany. Credit/no-credit only.
View course details in MyPlan: TIAS 209

TIAS 299 Classroom to Career (3)
Prepares students for professional goals after UW Tacoma. Develops career readiness skills through self reflection, research, and participation in tangible experiences related to career path. Clarifies the connection between personal values, classroom knowledge, and experience in order to enhance marketability for career or graduate school.
View course details in MyPlan: TIAS 299

TIAS 300 The Making of America (5) SSc
Interdisciplinary study of diverse and changing American cultures. Topics may include materialism, art, and spiritual life; freedom and oppression; individualism and community; ethnicity, race, class and gender; social movements and social change; environmental ethics.
View course details in MyPlan: TIAS 300

TIAS 305 Seminar in Interdisciplinary Arts and Sciences (2, max. 10)
Provides experience in extracurricular intellectual discourse and exposure to current research in the humanities, social sciences, and sciences that distinguish the IAS Program. Credit/no-credit only.
View course details in MyPlan: TIAS 305

TIAS 309 Advanced Intensive German Study Abroad (6) A&H
Provides students with the basic skills necessary for speaking, listening, reading, and writing the German language at different levels of proficiency. Emphasizes contextual learning of the German language in relation to its culture, history, and philosophy in the context of a study abroad program in Frankfurt, Germany. Credit/no-credit only.
View course details in MyPlan: TIAS 309

TIAS 328 The American Environment: Literature, Culture, and Social Policy (5) SSc
Explores American environmental values as revealed in a wide variety of literary and historical texts. Considers how culture influences environmental policy and how environmental policy reveals fundamental qualities of American culture. Includes readings from poetry to environmental impact statements, and from nature essays to governmental land use plans.
View course details in MyPlan: TIAS 328

TIAS 330 German Culture, History, and Philosophy: Frankfurt am Main (6) SSc/A&H
Provides theoretical and practical introduction to German Studies by exploring issues of German culture, history, and philosophy in the context of a study abroad program in Frankfurt, Germany. Considers how this city is connected to European and global trends. Relates this international context to student's personal, academic, and professional experiences. Prerequisite: one 300-level T HIST, T PHIL, or GERMAN course. Credit/no-credit only.
View course details in MyPlan: TIAS 330

TIAS 340 Development and Wellness in Africa (5)
Explores international, national and local institutions in health and development policy in an African region. Prepares students for the political, economic, and social context of their internships. Facilitates reflection and application of high impact learning experience for the return to campus.
View course details in MyPlan: TIAS 340

TIAS 396 Internships and Career Development (2)
Explores the vital link between university learning and the working world through self-assessment, presentations by business people and non-profit professionals, and through an examination of what it means to be an effective professional. Students learn about the vital role an internship plays in a career pathway.
View course details in MyPlan: TIAS 396

TIAS 443 Ethnicity and the Urban Landscape (5) SSc
Focuses on the intersection of ethnicity, architecture, and urbanism in the United States. Explores the concept of ethnic identity and the creation of a sense of place in urban environments. Examines local neighborhoods as a starting point for students' own investigations of ethnicity and the urban landscape.
View course details in MyPlan: TIAS 443

TIAS 480 Experiencing China (5/10) SSc
Examines the history, culture, language, and politics of China. Classes held at Beijing University, People's Republic of China. Corequisite: either TCHIN 101, TCHIN 102, TCHIN 103, TCHIN 201, TCHIN 202, or TCHIN 203.
View course details in MyPlan: TIAS 480

TIAS 485 Study Abroad in the Social Sciences (5-15, max. 24) SSc
Uses an interdisciplinary approach integrating a social science perspective and another discipline such as art, literature, history, architecture, philosophy, urban studies, etc. in this field study course. Taught on site and includes interaction with foreign scholars, local exhibits and sites, and local community experiences where appropriate.
View course details in MyPlan: TIAS 485

TIAS 486 Art and the Evolution of Consciousness (5-12) A&H/SSc
Examines how the evolution of human consciousness is reflected in the arts in a field based study abroad program. Integrates history, the arts, philosophy, literature and the social sciences. Taught extensively in the cities and towns of Europe visited in that particular program year.
View course details in MyPlan: TIAS 486

TIAS 490 Special Topics (3-5, max. 15)
Advanced course offerings designed to respond to faculty and student interests and needs.
View course details in MyPlan: TIAS 490

TIAS 491 Professional Portfolio Design (2)
Develops professional proficiency through the creation and revision of an electronic portfolio on a platform accessible to all, including users with disabilities, for future use in their intended career field. Refines analytical and reflection skills through careful selection, framing, and presentation of artifacts from students' programs of study. Credit/no-credit only.
View course details in MyPlan: TIAS 491

TIAS 492 Independent Creative Project (1-5)
Produce advanced creative projects that build on or complement other major-specific coursework. Plan and carry out projects in consultation with a faculty adviser and write a reflective or analytical paper to accompany the creative work. Credit/no-credit only.
View course details in MyPlan: TIAS 492

TIAS 493 Contemporary Spanish Culture (5) A&H/SSc
Uses contemporary literary texts in translation, film, music, and art as a basis for exploring the way Spanish people construct their identity and relate to the outside world. Focuses on issues of gender, immigration, racism, terrorism and nationalisms form an interdisciplinary perspective. Taught in English. Course overlaps with: TSPAN 480.
View course details in MyPlan: TIAS 493

TIAS 494 Honors Thesis/Project (1-5, max. 10)
Research and writing of a thesis supervised by a full-time IAS faculty member on a significant scholarly topic for

students admitted to the IAS honors option.
View course details in MyPlan: TIAS 494

TIAS 496 Internship (1-15, max. 15)
Internship in the public or private sector, supervised by a faculty member. Permission based on approval of proposal submitted in advance of the internship. Credit/no-credit only.
View course details in MyPlan: TIAS 496

TIAS 497 Senior Thesis (5)
A significant independent research project planned and carried out by the student under the direction of a faculty member on a significant scholarly topic selected by the student in consultation with faculty.
View course details in MyPlan: TIAS 497

TIAS 498 Directed Readings (1-5, max. 15)
Faculty-supervised individual readings in areas of special need for students. Topics will vary.
View course details in MyPlan: TIAS 498

TIAS 499 Undergraduate Research (1-5, max. 15)
Individual advanced research projects carried out under supervision of individual faculty member.
View course details in MyPlan: TIAS 499

TIAS 501 Models and Critical Inquiry (5)
Role of models in conceptual and analytic processes, with special attention to relative strengths and weaknesses of linear and holistic models. Examines the application of these models and familiarizes students with their selective and combined use across a range of problem areas.
View course details in MyPlan: TIAS 501

TIAS 502 Culture and Public Problems (5)
Analysis of how public problems are constructed and preferred solutions defined. Examination of how institutional, professional and political actors make claims about the nature of a problem, its causes and appropriate domains of action - e.g., medical or legal, private or public.
View course details in MyPlan: TIAS 502

TIAS 503 Evidence and Action (5)
Examines the theoretical formulations of public action. Analyzes how different ways of understanding and validating knowledge define the perception of alternative courses of action. Explores the practical consequences of theoretical choices.
View course details in MyPlan: TIAS 503

TIAS 504 Values and Action (5)
Examines moral grounding of human action in organizational settings. Analyzes how different disciplines understand the framing and weighing of values in public decision-making. Inquiries into the common strategies employed in practice to deal with the inevitable value dimension of action and policy.
View course details in MyPlan: TIAS 504

TIAS 505 IAS M.A. Capstone (5)
Provides an opportunity to explore the themes of the four core courses to the specific substance of the student's master's thesis or project. Prerequisite: TIAS 501; TIAS 502; TIAS 503; and TIAS 504.
View course details in MyPlan: TIAS 505

TIAS 513 Graduate Research and Writing (5)
Introduces skills to understand published research and to formulate research questions. Includes advanced work in discipline-specific rhetorical strategies and analysis of complex readings.
View course details in MyPlan: TIAS 513

TIAS 515 Themes in the Interpretation of Culture (5)
Analyzes selected themes in the study of modern culture, such as health and medicine, sexuality, consumption, television, advertising, film, literature, art, music, architecture, and social, or cultural history.
View course details in MyPlan: TIAS 515

TIAS 520 Critical Analyses of Foundational Texts (5)
Focuses on critical reading of selected great books. Works chosen vary, depending on the expertise of the instructor. Open to undergraduates with permission.
View course details in MyPlan: TIAS 520

TIAS 530 German Culture, History, and Philosophy: Frankfurt am Main (6)
Provides theoretical and practical introduction to German Studies by exploring issues of German culture, history, and philosophy in the context of a study abroad program in Frankfurt, Germany. Considers how this city is connected to European and global trends. Relates this international context to student's personal, academic, and professional experiences. Prerequisite: one 300-level T HIST, T PHIL, or GERMAN course. Credit/no-credit only.
View course details in MyPlan: TIAS 530

TIAS 548 Cultural Administration and Policy (5)
Analyzes the social, cultural, economic and creative foundations of cultural management and policy. Emphasizes critical and creative thinking in evaluating the role and function of non-profit arts institutions within the complex fabric of contemporary society. Municipal, state, and federal spheres of influence on public policy are closely examined.
View course details in MyPlan: TIAS 548

TIAS 590 Independent Study (1-10, max. 20)
Faculty-supervised independent study, readings and special projects for graduate students. Topics vary. Prerequisite: permission of instructor.
View course details in MyPlan: TIAS 590

TIAS 596 Internship (1-10, max. 10)
Faculty-supervised internships for graduate students. Internships and projects vary. Prerequisite: permission of instructor. Credit/no-credit only.
View course details in MyPlan: TIAS 596

TIAS 598 Directed Readings (1-10, max. 20)
Faculty-supervised readings for graduate students. Prerequisite: permission of instructor.
View course details in MyPlan: TIAS 598

TIAS 599 Directed Research (1-10, max. 20)
Faculty-supervised research for graduate students. Prerequisite: permission of instructor.
View course details in MyPlan: TIAS 599

TIAS 605 Degree Project (1-10, max. 30)
By permission of instructor. Credit/no-credit only.
View course details in MyPlan: TIAS 605

TIAS 700 Thesis ([1-10]-)
Faculty-supervised thesis for graduate students. Prerequisite: permission of instructor. Credit/no-credit only.
View course details in MyPlan: TIAS 700

LATINO/A AND LATIN AMERICAN STUDIES

T LAX 225 Latinx/a/o Cultural Expressions (5) A&H, DIV
Addresses the cultural experiences and expressions of immigration, movements, resistance, testimonies, identities, performance, popular culture, and language. Using an interdisciplinary approach, from imaginative literature to social science, we explore Latino communities in the United States and the issues that divide and unite them through cultural and creative practices.
View course details in MyPlan: T LAX 225

T LAX 238 Latinos in the United States (5) A&H/SSc, DIV
Provides a critical overview of some of the social conditions, structures, and historical dynamics that have shaped the experiences of Latino/a populations in the U.S. Offers an emphasis on Latinos' significant cultural, political, and economic influences, and examines cultural expression to discuss Latino/a perspectives on culture and politics.
View course details in MyPlan: T LAX 238

T LAX 250 Latinos/as in the Media (5) A&H, DIV
Examines the ways Latino/a communities have been presented in various media industries, such as in film, television, digital content, radio, advertising, literature, music, the press, etc., to understand the politics of production, representation and circulation of Latinidad as framed in the United States.
View course details in MyPlan: T LAX 250

T LAX 267 Introduction to Chicano/a Literature (5) A&H, DIV
Provides an introduction to chicano/a literature to understand the historical, social, and cultural contexts in which literary works were produced. Topics include issues of hybrid cultures(s), gendered and ethnic identities, social justice, and language in our analyses of novels, short stories, essays, poetry, and drama. No knowledge of Spanish required. Course equivalent to: ENGL 262.
View course details in MyPlan: T LAX 267

T LAX 277 Latin American Literature (5) A&H
Introduction to Latin American literature in English translation, with emphasis on how literary texts reflect culture. Includes works of fiction, non-fiction, poetry, and drama from Mexico, the Caribbean, and Central and South America.
View course details in MyPlan: T LAX 277

T LAX 290 Latinx Social Movements (5) SSc, DIV
Examines U.S. Latinx social movements around immigration, language rights, labor, education, arts, and cultural preservation to provide a framework for understanding the complexity of Latinx historical social and political positions through the engagement of interdisciplinary texts.
View course details in MyPlan: T LAX 290

T LAX 333 US Latino Histories (5) SSc, DIV
Examines the histories of Latino Americans as created and claimed from Latinx perspectives. Students develop insight into how historical, processes shape diverse Latinx experiences and social and cultural contexts (including various regional and transnational contexts) with a nuanced understanding and focus on the lived experiences of local Latino communities. Recommended: T LAX 238, or 5 credits in a related field at the 200-

level in T EGL, T HIST, T AMST, T SOC, or placement in 300-level TSPAN.
View course details in MyPlan: T LAX 333

T LAX 340 Religions in Las Americas (5) SSc, DIV
Investigates transnational religious expressions within Latin America and their influence on social, cultural and political experiences of Latino populations. Studies indigenous beliefs, orthodox, popular and liberationist Catholicism, African-Latino religious expressions, traditional and charismatic Protestantism and new religious expressions as they relate to identity, resistance, conformity throughout the Americas.
View course details in MyPlan: T LAX 340

T LAX 355 Migration and the Transnational Family in Latino Literature and Film (5) A&H/SSc, DIV
Focuses on contemporary Latin American migration to the U.S. and transnational families in U.S. Latino texts and films. Topics include factors that perpetuate transnational migration, the personal impact of migration, and the consequent re-negotiation of gender, national, and ethnic identities. No knowledge of Spanish required.
View course details in MyPlan: T LAX 355

T LAX 356 Latinx Urban Communities (5) SSc, DIV
Introduces Latinx urbanism, an interdisciplinary area of inquiry seeking to understand the impact of Latinx people on U.S. cities and metropolitan areas. Drawing from urban studies, cultural studies, rhetorical studies, and cultural geography, examines historical and contemporary issues affecting Latinx populations, as well the ways Latinx people are at the center of urban life in the U.S.
View course details in MyPlan: T LAX 356

T LAX 360 Latinx Performance Histories (5) A&H, DIV
Introduces Latinx performance histories while examining the social and historical context that produces Latinx creative output and introducing a framework that provides the language to discuss a Latinx performance aesthetic. Emphasis is placed on texts and performances reflective of a hybrid culture and language.
View course details in MyPlan: T LAX 360

T LAX 376 Latin American Film (5) A&H
Examines the ways in which Latin American film reflects history, society, class, and gender issues. Develops understanding of film as an art form within a specific formal cultural context. Films in Spanish or Portuguese with English subtitles. No knowledge of Spanish required.
View course details in MyPlan: T LAX 376

T LAX 380 Latinx Sexualities (5) SSc, DIV
Examines the gendered and sexual dimensions of Latina/o and Latinx experiences. Considers the multiplicity and intersections of identities, practices, spaces, and issues from a feminist perspective. Students analyze the ways Latinx sexualities appear in, and are constructed and contested through the media, policy and legal discourses, and other cultural production.
View course details in MyPlan: T LAX 380

T LAX 400 Afro-Hispanic Culture (5) A&H
Uses literary texts in translation, film, music, and art as a basis for exploring the importance of Afro-Hispanic in the development of the cultural richness of Latin America. Focus on issues of race, gender, self-representation and nationalism from an interdisciplinary perspective.
View course details in MyPlan: T LAX 400

T LAX 410 Caribbean Basin: Selected Topics (5, max. 10) SSc
Covers selected themes concerning the region comprised of the Caribbean Islands, Central America, Venezuela,

and Colombia. May be repeated for credit with instructor's approval.
View course details in MyPlan: T LAX 410

T LAX 435 Popular Movements in Latin America (5) SSc
Examines popular movements in Latin America, including historical background of modern popular organizations, an analysis of the evolution of the discourse surrounding the terms "popular movement," "social movement," and "civil society." Discusses contemporary trade unionism, grass-roots peoples' initiatives, cooperative movements, guerrilla organizations, human rights groups, and feminist movements.
View course details in MyPlan: T LAX 435

T LAX 441 Mexican Cinema and Society (5) SSc/A&H
Examines development of Mexican cinema in its historical and social context. Covers how films reflect history, society, class, and gender issues. Provides an understanding of Mexican culture, and of film as an art form. No knowledge of Spanish is required.
View course details in MyPlan: T LAX 441

T LAX 461 Contemporary Mexican Culture (5) A&H
Uses contemporary literary texts in translation, film, music, and art as a basis for exploring the ways Mexicans see themselves and the world around them. Focuses on class, race, and gender issues from an interdisciplinary perspective. Taught in English. Topics vary.
View course details in MyPlan: T LAX 461

T LAX 462 Women in Latin America (5) A&H/SSc, DIV
Uses memoirs, letters, histories, biographies, literary texts in translation, film, and music as a means of exploring the lives of women in Latin America. Examines a variety of gender issues from an interdisciplinary perspective. No knowledge of Spanish required.
View course details in MyPlan: T LAX 462

T LAX 463 Contemporary Cuban Culture (5) A&H
Examines contemporary Cuban literature in English translation, film, music, dance, and the visual arts in Cuba as a representation of cultural identity. Focuses on class, race, and gender issues from an interdisciplinary perspective. Includes work by Cubans on the island and in exile. No knowledge of Spanish required.
View course details in MyPlan: T LAX 463

T LAX 465 Latin American Visual Arts (5) A&H
Uses visual art as a basis for exploring different cultural/historical issues in Latin America in the twentieth century. Focuses on issues of colonization, self-representation, nationalisms, globalizations, and cultural appropriation from an interdisciplinary perspective.
View course details in MyPlan: T LAX 465

T LAX 476 Latin American Women Writers (5) A&H
Examines novels, short stories, poetry, drama, and essays by contemporary Latin American women writers. Includes such themes as dictatorship, political and sexual repression, colonialism, racism, class issues, and the obstacles faced by women writers in a society where they are often considered second-class citizens.
View course details in MyPlan: T LAX 476

LAW

T LAW 150 Introduction to the American Legal System (5) SSc
Provides an introduction to the American legal system, and examines how judicial processes relate to American politics. Describes the organization of state and federal courts; judicial selection and elections; and the functioning of criminal, civil, and appellate courts, including the U.S. Supreme Court.
View course details in MyPlan: T LAW 150

T LAW 200 Pre-Law Seminar (2)
Teaches students about the practice of law, the law school admissions process, and legal careers. Students will gain practical insight, engage in community-based learning where appropriate/possible, and have the opportunity to interact with legal professionals. Credit/no-credit only.
View course details in MyPlan: T LAW 200

T LAW 215 Introduction to International Organizations (5) SSc
Explores historical, theoretical, and empirical aspects of the United Nations, its specialized agencies, and other international organizations, both governmental and nongovernmental. Course equivalent to: POL S 328.
View course details in MyPlan: T LAW 215

T LAW 300 Street Law (2, max. 4) SSc
Explore an area of law that interests the students and to then communicate what they have learned to their local community. Specific legal issues explored will depend on their interests, and will change each time the course is offered. Credit/no-credit only.
View course details in MyPlan: T LAW 300

T LAW 320 American Constitutional Law: Institutional Powers and Constraints (5) SSc
Explores the role of the Supreme Court in interpreting the United States Constitution. Covers the role of the federal government in relationship with the states, judicial review, the separation of powers, and economic due process.
View course details in MyPlan: T LAW 320

T LAW 339 Washington Environmental Law (5)
Examines Washington State environmental statutes through reading, writing, and discussion of regulations and case studies. Takes a case law approach to evaluate laws in biological conservation, energy, land use, mineral rights, air and water quality, and other complex environmental arenas, and how Washington courts have interpreted such laws.
View course details in MyPlan: T LAW 339

T LAW 345 Violence and the Law (5) SSc, DIV
Focuses on violence and law, particularly as to how law defines, promotes, and responds to violence. It will orient students to social theories of violence through which the relationship between violence and law can be explored and survey a few topics to explore the boundaries of private - public and legitimized - delegitimized violences to develop a critical understanding of how law interacts with violence. Course overlaps with: LSJ 375/SOC 372.
View course details in MyPlan: T LAW 345

T LAW 348 Gender and Law (5) SSc, DIV
Studies the way gender norms influence legal processes and the role of the law in gendered social change. Explores some of the practical strategies men and women may employ in order to negotiate and use gendered constraints to their advantage.
View course details in MyPlan: T LAW 348

T LAW 361 American Constitutional Law: Rights and Liberties (5) SSc
Explores the role of the United States Supreme Court in interpreting the Bill of Rights. Covers topics such as freedom of speech and religion, privacy, equal protection, and criminal due process. Course equivalent to: POL S 361/LSJ 361.
View course details in MyPlan: T LAW 361

T LAW 363 Law in Society (5) SSc
Inquiry into how law matters in social practice. Examines general theories of law, the workings of legal institutions, and the character of legally constituted practices and relationships in diverse terrains of social life. Course equivalent to: POL S 363/LSJ 363.
View course details in MyPlan: T LAW 363

T LAW 367 Comparative Law and Courts (5) SSc
Introduces comparative judicial politics, focusing on the relationship between law and politics in cross-national perspective, as well as the function of supranational and international legal entities in the international system.
View course details in MyPlan: T LAW 367

T LAW 422 International Humanitarian Law (5) SSc
Investigates International Humanitarian Law (sometimes called the Law of Armed Conflict), the field concerned with rules developed by civilized nations to protect the victims of armed conflict, including the Geneva Conventions. Case studies include the conflict between Israel and the Palestinians, as well as developments in Afghanistan and Iraq. Course equivalent to: JSIS A 465.
View course details in MyPlan: T LAW 422

T LAW 423 International Law (5) SSc
Origin and present status of efforts to make rules of conduct for sovereign states; simulation of a treaty-drafting conference, with students playing roles of legal advisers to foreign governments. Course equivalent to: POL S 347/LSJ 347.
View course details in MyPlan: T LAW 423

T LAW 424 The Politics and Law of International Human Rights (5) SSc
Studies the international human rights movement in its legal and political context. Focus on institutions which influence, enable, and constrain the international promotion of human rights. Course overlaps with: POL S 368/LSJ 320.
View course details in MyPlan: T LAW 424

T LAW 438 Federal Environmental Law (5) SSc
Examines the historical and policy framework of major environmental laws and regulations. Takes a case law approach to evaluate laws in biological conservation, energy, land use, mineral rights, air and water quality, and other complex environmental arenas, and how courts (primarily in the United States) have interpreted such laws.
View course details in MyPlan: T LAW 438

T LAW 452 Race, Ethnicity, and the Law (5) SSc, DIV
Examines the 20th century evolution of equal protection and due process. Particular focus placed upon the case law, its societal context, and its impact upon persons of color.
View course details in MyPlan: T LAW 452

T LAW 465 Law and Public Policy in the United States (5) SSc
Relationship between law and public policy, with particular attention to problems of social, economic, and political change. Considers legal and constitutional processes as they relate to such problems of public policy as

race relations, the environment, and the economy. Course equivalent to: POL S 465.
View course details in MyPlan: T LAW 465

T LAW 486 Field Work in Law and Policy (5) SSc
Applies work in policy and law. Student engage in fieldwork and research to examine a policy issue in the community. Working collaboratively with community members and lawmakers, students propose legislation, and publicly present recommendations to lawmakers. Prerequisite: either TPOL S 202, TPOL S 305, or TPOL S 382.
View course details in MyPlan: T LAW 486

T LAW 496 Law and Policy Internship (5-15, max. 15) SSc
Intern in federal, state and local legal and policy-oriented organizations. Fulfills Law and Policy major's capstone requirement. Recommended: Designed for graduating seniors. Offered: AWSp.
View course details in MyPlan: T LAW 496

LITERATURE

T LIT 101 Understanding Literature (5) A&H
Develops essential tools for close and informed reading of fiction, drama, and poetry. Considers how a text generates aesthetic pleasure, how it achieves moral or social impact. Develops skills in literary analysis through reading literary texts, through discussion, and through critical writing.
View course details in MyPlan: T LIT 101

T LIT 210 Studies in American Literature (5) A&H
Examines the aesthetic, social, and cultural expressions of American Literature through its major authors, modes, themes, and periods. Students will practice the analysis of literary discourse and the formation of critical arguments.
View course details in MyPlan: T LIT 210

T LIT 220 Literature and the Arts (5) A&H
Examines the connections between literature and other art forms, such as film, painting, music, and performance. Emphasizes the methods of interpretation and critical theory in studying the relationships of artistic expression. Studies the work of major artists and writers, as well as examples at local galleries, museums, and performance spaces.
View course details in MyPlan: T LIT 220

T LIT 230 Multi-Ethnic American Literature (5) A&H, DIV
Examines multicultural and multi-ethnic literature by American authors. Focuses on novels, short stories, essays, and poetry that examine the social construction of race in American society, the construction of American identity, and the intersections of race, class, and gender.
View course details in MyPlan: T LIT 230

T LIT 237 Introduction to Literature and Environment (5) A&H
Examines the concepts of "nature", "environment", and "wilderness" across a range of literary texts produced by a variety of voices and considers how broader contexts-such as the historical, personal, or cultural-shape how writers represent nature and environment in their work.
View course details in MyPlan: T LIT 237

T LIT 240 Studies in English Literature (5) A&H
Examines the aesthetic, social, and cultural expressions of English literature through its major authors, modes, themes, and periods. Students will practice the analysis of literary discourse and the formation of critical

arguments.
View course details in MyPlan: T LIT 240

T LIT 251 Ancient Literature of Western Civilization (5) A&H
Examines works of literature and philosophy of ancient Western Civilization as the foundation for subsequent Western writing and thought. May include Homer's Odyssey, Sophocles' Oedipus the King, Plato's Apology, and Virgil's Aeneid.
View course details in MyPlan: T LIT 251

T LIT 252 Medieval and Renaissance Literature of Western Civilization (5) A&H
Critically examines works of literature and literary theology from the medieval and Renaissance eras in Europe. Explores works as "archetypes," i.e., the foundation for subsequent European writing and thought of all kinds. Includes Dante s Inferno, Shakespeare's Hamlet, and Milton's Paradise Lost.
View course details in MyPlan: T LIT 252

T LIT 253 Modern Literature of Western Civilization (5) A&H
Examines literary works of Western civilization from the modern era, works important to subsequent Western writing and thought of all kinds. May include Swift's Gulliver's Travels, Goethe's Faust, Kafka's short stories, and Woolf's Mrs. Dalloway.
View course details in MyPlan: T LIT 253

T LIT 305 American Literary Movements, Genres, and Historical Periods (5, max. 10) A&H
Studies movements (Transcendentalism, Modernism, the Harlem Renaissance, etc.); genres (poetry, fiction, drama, essay); historical periods (American Renaissance, the ' 20s, etc.); and investigates the literature of ethnic, political, and/or regional groups. May be repeated for credit with instructor's approval.
View course details in MyPlan: T LIT 305

T LIT 306 Studies in Selected American Writers (5) A&H
Analysis of selected American writers, focusing on their depictions of success and failure, and their characteristic styles of affirmation and alienation. Are there typically American patterns that can be discerned? What makes a writer's vision compelling?
View course details in MyPlan: T LIT 306

T LIT 311 Themes in American Literature (5, max. 10) A&H
Studies major themes addressed by writers in America. Includes topics such as: individualism, identity and community; sex, love and marriage; justice and injustice; industrialization, technology and the city; authenticity and egalitarianism; and race relations. May be repeated for credit with instructor's approval.
View course details in MyPlan: T LIT 311

T LIT 313 American Poetry (5) A&H
An examination of different types of American poetry. Emphasizes writers from a variety of backgrounds. Poems approached from formal, thematic and historical perspectives.
View course details in MyPlan: T LIT 313

T LIT 320 African American Literature from Slavery to the Present (5) A&H, DIV
Readings, films, lectures, and class discussions will focus on constructions of racial identity, social consciousness, race class, and gender relations as reflected in novels, short stories, essays, and poetry by African American authors.
View course details in MyPlan: T LIT 320

T LIT 324 African American Women's Literature (5) A&H, DIV
Examines female slave narratives and novels from the Harlem Renaissance, Social Protest Movement, and the contemporary period. Examines how black women illustrate social constructions and intersections of race, gender, and class. Readings, lectures, and films will explore the political motivation and public response to black women's writing.
View course details in MyPlan: T LIT 324

T LIT 325 Medical and Ethical Issues in Literature and Culture (5) A&H
Examines various medical and bioethical issues through the lens of literature. Explores the role of technology, illness and culture, and end-of-live issues. Offered: jointly with T HLTH 325.
View course details in MyPlan: T LIT 325

T LIT 331 Immigrant and Ethnic Literature (5) A&H
Explores dynamics of cultures in contact and conflict and examines how literatures of different ethnic groups reflect this contrast. Emphasizes historical and cultural perspectives on immigrant and ethnic experience in the U.S. Analyzes literature depicting different aspects of the immigrant and ethnic experience within the larger context of America.
View course details in MyPlan: T LIT 331

T LIT 332 Asian American Literature (5) A&H
Examines major works of Asian American literature and the "double burden" of Asian American writers in both creating art and representing a group. Compares this "burden" to those of writers of other ethnicities. Includes historic themes and represents voices of marginalized groups commenting on themselves and on mainstream society.
View course details in MyPlan: T LIT 332

T LIT 335 Middle Eastern American Literature (5) A&H, DIV
Focuses on literature produced by Middle Eastern Americans, examine how these texts explore questions of identity through intersections of race, gender, and class, as well as religious, historical, and sociopolitical contexts, and taking into consideration both popular culture and the traditions to which this literature responds.
View course details in MyPlan: T LIT 335

T LIT 338 Writing in the Pacific Northwest (5) A&H
Examines the way place or region provides a context for writing. Compares several kinds of writing from the Pacific Northwest (e.g., history, journalism, fiction, nature writing) and analyzes how writing is made more effective by awareness of audience, setting and occasion for writing.
View course details in MyPlan: T LIT 338

T LIT 343 Shakespeare (5, max. 10) A&H
Examines selected works of English playwright William Shakespeare. Students read plays and engage in class discussion and textually supported interpretations in writing. Covers historical background of Shakespeare's England and play settings, as well as relevant theology, philosophy, and natural science.
View course details in MyPlan: T LIT 343

T LIT 344 Oregon Shakespeare Festival (2) A&H
Studies the texts and attends the performances of plays by Shakespeare playwrights during a short excursion to the Oregon Shakespeare Festival. Emphasizes the production of a play as an interpretation of the text. Typically includes a backstage tour of 3 theaters and a private discussion with an actor.
View course details in MyPlan: T LIT 344

T LIT 351 Ancient Greek Tragedy (5) A&H
Examines selected tragedies of Aeschylus, Sophocles, and Euripides.
View course details in MyPlan: T LIT 351

T LIT 352 Medieval Quests (5) A&H
Examines important works of literature and literary theology from the medieval era, broadly construed. Special attention to the theme of the "quest." Texts include Augustine's Confessions, Beowulf, The Quest of the Holy Grail, Sir Gawain and the Green Knight, and Don Quixote.
View course details in MyPlan: T LIT 352

T LIT 371 The World Stage (5, max. 10) A&H
An investigation of western and non-western forms of staged performance from a historical, social, political, and cultural perspective. Subjects include the classical stage, medieval mystery plays, Jesuit theater, Noh and Kabuki theater, the Peking opera, Yiddish theater, Agit-Prop, the cabaret, the operatic gesamtkunstwerk, Avant-Garde theater, and Performance Art.
View course details in MyPlan: T LIT 371

T LIT 380 Myth and Literary Sagas in Creative Expression (5) A&H
Explores the creative depictions of mythological themes, legendary heroes, and literary sagas. Special attention given to myth, legend, and literature in traditional cultural expression and their dramatic transformation in cinema. Themes include 'the hero of many faces,' and 'love and tragedy.'
View course details in MyPlan: T LIT 380

T LIT 388 Cross Cultural Studies in Contemporary Women's Fiction (5) A&H, DIV
Examines novels and short stories concerned with race, politics, feminism, and the representation of women. Issues addressed include minority discourse, autobiographical modes, myth, storytelling, definitions of womanhood, and cultural identification. Writers studied include Allison, Erdrich, Silko, Kingston, Tan, Morrison, and Cisneros.
View course details in MyPlan: T LIT 388

T LIT 390 Varieties of Literary Criticism (5) A&H
Investigates different approaches to reading and analysis of literary texts. Draws readings from a range of theoretical and practical criticism. Considers how critical theory adds to the understanding and enjoyment of literature. Gives attention to the history of critical ideas.
View course details in MyPlan: T LIT 390

T LIT 391 Science Fiction Literature (5) A&H
Explores science fiction from various cultures and historical periods as a distinct literary genre that explores the boundaries, not just of space, but of moralities and belief systems, and what it means to be human; covering themes which may include robots/AI; alien encounters; speculative fiction; space voyaging, or time travel. Course overlaps with: ENGL 349. Recommended: Completed at least one 200-level literature course.
View course details in MyPlan: T LIT 391

T LIT 406 Children's and Young Adult Literature (5) A&H
Explores the variety and richness of contemporary children's and young adult literature. Discusses current trends and issues, and explores multi-ethnic literature and literature from other countries.
View course details in MyPlan: T LIT 406

T LIT 425 Literature of the Harlem Renaissance (5) A&H, DIV
Examines the images, themes, and characterizations in literature written by African Americans during the Harlem Renaissance. Writers include Johnson, Hughes, Larsen, Harston, Cullen, Fauset, Thurmann, White and

McKay.
View course details in MyPlan: T LIT 425

T LIT 431 Contemporary Native American Women's Literature (5) A&H, DIV
Examines novels, short stories, and poetry by contemporary Native American women authors. Addresses racial and gender oppression, reservation life, acculturation, political and social emergence as well as the leadership role of Native American women. Writers studied include Erdrich, Silko, Hogan, Tapahonso, and Harjo.
View course details in MyPlan: T LIT 431

T LIT 432 American Indian Literature (5, max. 10) A&H
Studies American Indian literature reflected in thematic and topical expressions. Examines content revolving around leading Native American writers, and/or non-Indian depictions of Native Americans, and/or American Indian biographical studies. May be repeated for credit with instructor's approval.
View course details in MyPlan: T LIT 432

T LIT 433 Native American Literature and Federal Indian Law (5) SSc/A&H, DIV
Examines major Native American texts against the backdrop of federal Indian law. Native Americans have consistently been resisting and reacting to federal laws aimed at limiting their sovereign rights. Looks at how characters resist and undermine colonial forces in ways unique to Native American culture.
View course details in MyPlan: T LIT 433

T LIT 437 Topics in Literature and Environment (5) A&H
Examines nature writing and environmental literature through the lens of a focused topic. Includes topics such as: Wilderness Tales, Nature and Industry, Women in Nature, Environmental Apocalypse, Nonhuman Animals in Literature, and Beyond Nature Writing. May be repeated for credit with instructor's approval.
View course details in MyPlan: T LIT 437

T LIT 458 Modern Novel (5) A&H
Examines Cervantes' Don Quixote and twentieth-century works inspired by it. May include Don Quixote, Kafka's Castle, Borges' Labyrinths, and Nabokov's Pale Fire.
View course details in MyPlan: T LIT 458

T LIT 476 American Women's Literature: Nineteenth and Twentieth Century Texts (5) A&H, DIV
Examines primarily novels and short stories by American women authors from the nineteenth and twentieth centuries. Explores women's work, women's education, women's activism, marriage, motherhood, and crimes committed against and by women. Addresses the construction of female identity and how American women authors revise American history and literature.
View course details in MyPlan: T LIT 476

T LIT 481 Postcolonial Fiction (5) A&H
Examines selected works of fiction by postcolonial authors while building a foundation in postcolonial history.
View course details in MyPlan: T LIT 481

T LIT 487 African Folklore and Literature (5) SSc
Explores oral and written traditions in Africa. Emphasizes how the aesthetics of storytelling and dialogue shape the production of narrative in contemporary African contexts. Explores anthropological, literary, and historical approaches in viewing the aesthetic qualities of African folklore and literature.
View course details in MyPlan: T LIT 487

MATHEMATICS

TMATH 098 Intermediate Algebra (0)
Intermediate algebra equivalent to third semester of high school algebra. Extra tuition required. Prerequisite: a minimum score of 250 on the UWT modified placement test based on ACC-QAS, or a minimum score of 100 on the Tacoma Directed Self Placement Math Test.
View course details in MyPlan: TMATH 098

TMATH 105 Mathematics Through Puzzles and Games (5) RSN
By engaging with puzzles and games, students will gain real-life problem solving and modeling skills. Develops reasoning skills through the precise formulation, expression and communication of ideas. No specialized mathematical skills required.
View course details in MyPlan: TMATH 105

TMATH 106 Spatial and Geometric Reasoning (5) RSN
Develops geometric intuition, problem-solving skills, and the ability to communicate ideas and solutions with elementary mathematics precisely. Emphasizes spatial, geometric, and logical thinking along with the precise formulation of statements rather than mathematical formulae and theorems. No specialized mathematical skills required.
View course details in MyPlan: TMATH 106

TMATH 109 Financial and Mathematical Foundations (5) RSN
Interprets everyday financial events using quantitative and algebraic reasoning and models. Students study graphs and equations of linear, exponential, and logarithmic functions with a focus on personal finance while practicing decision making and problem-solving. Topics may include, budgeting, loans, credit cards, taxes, installment buying, mortgages, depreciation and investing. Course overlaps with: T BGEN 250; FIN 205; and B BUS 110. Prerequisite: a minimum score of 250 on the UWT modified placement test based on ACC-QAS, or a minimum score of 100 on the Tacoma Directed Self Placement Math Test.
View course details in MyPlan: TMATH 109

TMATH 110 Introductory Statistics with Applications (5) NSc, RSN
Addresses introductory statistical concepts and analysis in modern society. Includes descriptive statistics, graphical displays of data, the normal distribution, data collection, probability, elements of statistical inference, hypothesis testing, and linear regression and correlation. Practical examples used to demonstrate statistical concepts. Course overlaps with: B HLTH 215; B MATH 215; and BIS 215. Prerequisite: a minimum grade of 2.0 in either TMATH 098, MATH 098, TMATH 109, TMATH 172, TMATH 124, or MATH 124, a minimum score of 237 on the UWT modified placement exam based on the ACC-AAF exam, or a minimum score of 200 on the Tacoma Directed Self Placement Math Test.
View course details in MyPlan: TMATH 110

TMATH 115 Pre-calculus I: Functions (5) RSN
Introduces the concept of a function, its notation, and prepares student to work with piece-wise, exponential, logarithmic, polynomial, and rational functions. Emphasizes computational skills, graph reading, and problem solving. One of a two-part series. Maximum 10 credits allowed between TMATH 115; TMATH 116; TMATH 120; and MATH 120. Prerequisite: a minimum grade of 2.0 in either TMATH 098, MATH 098, TMATH 109, or TMATH 171, a minimum score of 237 on the UWT modified placement test based on ACC-AAF, or a minimum score of 300 on the Tacoma Directed Self Placement Math Test.
View course details in MyPlan: TMATH 115

TMATH 116 Pre-calculus II: Trigonometry (5) NSc, RSN
Continues studying the concept of a function, its notation, and trigonometric and inverse trigonometric

functions. Introduces parametrized curves, polar coordinates, and complex numbers. Emphasizes computational skills, graph reading, and problem solving techniques. Second of a two-part series. Maximum 10 credits allowed between TMATH 115; TMATH 116; TMATH 120; and MATH 120. Prerequisite: a minimum grade of 2.0 in TMATH 115, a minimum score of 263 on the ACC-AAF placement test, or a minimum score of 400 on the Tacoma Directed Self Placement Math Test.
View course details in MyPlan: TMATH 116

TMATH 120 Precalculus (5) NSc, RSN
Accelerated review course covering the contents of TMATH 115 and TMATH 116 in one term. Examines functions and function notation including polynomial, rational, exponential, logarithmic, trigonometric and inverse trigonometric functions. Recommended co-requisite: TMATH 158. Maximum 10 credits allowed between TMATH 115; TMATH 116; TMATH 120; and MATH 120. Course equivalent to: MATH 120. Course overlaps with: B MATH 123. Prerequisite: a minimum grade of 2.0 in TMATH 098 or TMATH 171, a score of 42-120 on the ACC-CL placement test, a minimum score of 263 on the ACC-AAF placement test, or a minimum score of 400 Tacoma Directed Self Placement Math Test.
View course details in MyPlan: TMATH 120

TMATH 124 Calculus with Analytic Geometry I (5) NSc, RSN
Emphasizes differential calculus. First quarter in calculus of functions of a single variable. Emphasizes applications and problem solving using the tools of calculus. Course equivalent to: MATH 124 and STMATH 124. Course overlaps with: TMATH 122; MATH 112; B MATH 144; STMATH 113; and STMATH 114. Prerequisite: a minimum grade of 2.0 in either TMATH 116 or TMATH 120, minimum score of 68 on the MPT-A, minimum score of 75 on the MATHEC test, minimum score of 2 on the AP MATH test (AB or BC), minimum score of 276 on the ACC-AAF test, or a minimum score of 500 on the Tacoma Directed Self Placement Math Test; recommended: Recommended co-requisite: TMATH 159. Offered: AWSpS.
View course details in MyPlan: TMATH 124

TMATH 125 Calculus with Analytic Geometry II (5) NSc
Second quarter in the calculus of functions of a single variable. Emphasizes integral calculus. Emphasizes applications and problem solving using the tools of calculus. Cannot be taken for credit if credit has already been earned for MATH 207. Course equivalent to: MATH 125 and STMATH 125. Prerequisite: either a minimum grade of 2.0 in TMATH 124, or a minimum score of 3 on the AP MATH test (AB or BC).
View course details in MyPlan: TMATH 125

TMATH 126 Calculus with Analytic Geometry III (5) NSc
Third quarter in calculus sequence. Sequences, series, Taylor expansions, and an introduction to multivariable differential calculus. Course equivalent to: MATH 126 and STMATH 126. Course overlaps with: MATH 136. Prerequisite: either a minimum grade of 2.0 in TMATH 125 or a score of 4 on AP MATH BC exam.
View course details in MyPlan: TMATH 126

TMATH 158 Pre-Calculus Collaborative Learning Seminar (1, max. 2)
Enhances problem-solving skills for pre-calculus by having students work with a facilitator to strengthen their skills in critical thinking via group problem sessions in pre-calculus and its applications. Prerequisite: TMATH 120, which must be taken concurrently Credit/no-credit only.
View course details in MyPlan: TMATH 158

TMATH 159 Calculus I Collaborative Learning Seminar (1, max. 3)
Enhances problem-solving skills for Calculus I by having students work with a facilitator to strengthen their skills in critical thinking via group problem sessions on Calculus I topics and applications. Prerequisite: TMATH 124, which must be taken concurrently. Credit/no-credit only.
View course details in MyPlan: TMATH 159

TMATH 160 Calculus II Collaborative Learning Seminar (1, max. 3)
Enhances problem-solving skills for Calculus II by having students work with a facilitator to strengthen their skills in critical thinking via group problem sessions on Calculus II topics and applications. Prerequisite: TMATH 125, which must be taken concurrently. Credit/no-credit only.
View course details in MyPlan: TMATH 160

TMATH 171 Mathematics for Teachers I: Number Systems and Algebraic Concepts (5) RSN
Aimed at students planning to be elementary/middle school teachers, but any student interested in exploring essential mathematical concepts, skills, and representations in a humanized way may benefit. Topics include number, algebraic relationships, algorithms and why they work. We will also explore mathematical connections to our identities as math learners. Course overlaps with: EDUC 170; EDUC 171; and B EDUC 170.
View course details in MyPlan: TMATH 171

TMATH 172 Mathematics for Teachers II: Statistics and Modeling (5) RSN
Aimed at students planning to be elementary/middle school teachers, but any student interested in exploring essential mathematical concepts, skills, and representations in a humanized way may benefit. Topics include statistics, probability, and mathematical modeling. We will also explore mathematical connections to our identities as math learners. Course overlaps with: EDUC 171.
View course details in MyPlan: TMATH 172

TMATH 173 Mathematics for Teachers III: Geometry and Measurement (5) RSN
Aimed at students planning to be elementary/middle school teachers, but any student interested in exploring essential mathematical concepts, skills, and representations in a humanized way may benefit. Topics include geometry, measurement, and the mathematics of art. We will also explore mathematical connections to our identities as math learners. Course overlaps with: EDUC 171.
View course details in MyPlan: TMATH 173

TMATH 207 Introduction to Differential Equations (5) NSc, RSN
Explores and solves differential equations including first-order, second order, and with Laplace transforms. Also builds scripting skills in a commonly used open-sourced computing program. Course overlaps with: MATH 207 and STMATH 207. Prerequisite: a minimum grade of 2.0 in either TMATH 125 or MATH 125.
View course details in MyPlan: TMATH 207

TMATH 208 Matrix Algebra with Applications (5) NSc, RSN
Introduces linear algebra, including systems of linear equations; Gaussian elimination; matrices and matrix algebra; vectors; vector spaces; subspace of Euclidean space; linear independence; bases and dimension; orthogonality; eigenvectors; and eigenvalues. Applications to science, computer science, and social sciences are explored. Course overlaps with: MATH 208; BIS 231; and STMATH 208. Prerequisite: a minimum grade of 2.0 in either TMATH 125, MATH 125, TCSS 321, or CSE 321.
View course details in MyPlan: TMATH 208

TMATH 210 Intermediate Statistics with Applications (5) NSc, RSN
Investigates intermediate concepts of statistical inference and testing using statistical software for analysis. Includes sampling and experimental design, t-tests, discrete distributions, proportions, ANOVA, regression, transformations, and chi-squared tests. Analyzes datasets from a variety of disciplines such as environmental and social science. Includes critical review of contemporary studies. Prerequisite: a minimum grade of 2.0 in TMATH 110 or STAT 220. Offered: WSp.
View course details in MyPlan: TMATH 210

TMATH 224 Multivariable Calculus (5) NSc, RSN
Introduces concepts and computation techniques of multivariable calculus; including double and triple

integrals; the chain rule; vector fields; parametric curves and surfaces; line integrals; surface integrals; Green's Theorem: Stoke's Theorem; and the Divergence Theorem. Course overlaps with: MATH 224 and STMATH 224. Prerequisite: a minimum grade of 2.0 in TMATH 126.
View course details in MyPlan: TMATH 224

TMATH 300 Foundations of Mathematical Reasoning (5) NSc, RSN
Develops skills in making mathematical arguments and writing of proofs by studying elementary set theory; functions; logical statements and quantifiers; the principle of induction; cardinality; and properties of number systems - integers, rational, real, and complex. Investigates proofs in both discrete and continuous mathematics. Prerequisite: minimum grade of 2.0 in either TMATH 125 or TCSS 321.
View course details in MyPlan: TMATH 300

TMATH 302 Mathematics and Social Justice (5) RSN, DIV
Examines contemporary social justice issues with a mathematical lens. Applies quantitative methods to identify inequities and examine possible remedies. Also explores the impact of injustice on mathematical professions and practice. Prerequisite: a minimum grade of 2.0 in TMATH 110 and TMATH 124.
View course details in MyPlan: TMATH 302

TMATH 316 Financial Mathematics (5) RSN
Introduces students to fundamental concepts in financial mathematics: compound and simple interest, nominal and effective rates, present and future value, discount rates, force of interest. Covers annuities with both constant and variable cash flows, loans, amortization, loan refinancing, and bonds. Studies may also include term structure of interest rates, spot rates, arbitrage, duration, convexity, and immunization. Course overlaps with: T BUS 350 and B BUS 350. Prerequisite: either a minimum grade of 2.0 in TMATH 126, or a minimum grade of 2.0 in TMATH 109 and a minimum grade of 2.0 in TMATH 125. Offered: W.
View course details in MyPlan: TMATH 316

TMATH 342 Applied Topology (5) RSN
Engages with varied topics which will be chosen from differential topology, knot theory, or algebraic topology. Applications (such as chemistry, physics or engineering) will be emphasized throughout the course. Prerequisite: minimum grade of 2.0 in TMATH 324.
View course details in MyPlan: TMATH 342

TMATH 344 Fundamentals of Geometry (5) NSc, RSN
Covers fundamentals of geometry. Presents an axiomatic treatment of geometry, including Euclidean and non-Euclidean geometry. Describes the role of Euclid's Fifth Postulate in development of non-Euclidean geometries. Develops student's ability to write rigorous proofs. Prerequisite: minimum grade of 2.0 in either TMATH 126 or TMATH 300.
View course details in MyPlan: TMATH 344

TMATH 350 Foundations of Mathematical Research (3) RSN
Introduces students to diverse mathematical topics through invited speakers and selected readings. Develops mathematical ways of thinking, investigating, reading, and writing. Explores future employment and graduate school options and opportunities. Co-requisite: TMATH 351. Prerequisite: either TMATH 300, TMATH 207, or TMATH 208 any of which may be taken concurrently.
View course details in MyPlan: TMATH 350

TMATH 351 Mathematics Seminar (1, max. 2)
Introduces students to mathematics and its applications, career paths for mathematics majors, and develops problem-solving skills. Prerequisite: TMATH 124.
View course details in MyPlan: TMATH 351

TMATH 390 Probability and Statistics in Engineering and Science (5) NSc, RSN
Investigates probability and statistics using exploratory data analysis and interactive computing. Study topics including conditional probability, independence, random variables, distribution functions, descriptive statistics, transformations, sampling errors, confidence intervals, least squares, and maximum likelihood. Course equivalent to: STMATH 390. Course overlaps with: TME 351; STAT 390; and STMATH 341. Prerequisite: a minimum grade of 2.0 in either TMATH 126 or MATH 126.
View course details in MyPlan: TMATH 390

TMATH 393 Introduction to Probability Models (5) NSc, RSN
Introduces probability modeling and stochastic processes and shows how probability theory can be applied in fields such as engineering, computer science, management science, physical sciences and operations research. Topics include Sample Space, Events, Independence, Discrete and Continuous Random Variables, Conditional Probabilities, Conditional Expectations, Markov Chains, Poisson Process, Simulations. Course overlaps with: TSTAT 345; MATH 394/STAT 394; and STMATH 392. Prerequisite: a minimum grade of 2.0 in either TMATH 208 or TMATH 308. Offered: Sp.
View course details in MyPlan: TMATH 393

TMATH 402 Introduction to Abstract Algebra I (5) NSc
Focuses on group theory with a brief introduction to rings and fields. Emphasizes proofs. Topics include cosets; Lagrange's theorem; homomorphisms; normal subgroups; quotient groups; the isomorphism theorems; cyclic and symmetric groups; Cauchy's theorem; automorphisms; and elementary properties of rings and fields. Prerequisite: minimum grade of 2.0 in TMATH 300.
View course details in MyPlan: TMATH 402

TMATH 403 Abstract Algebra II (5) NSc, RSN
Continues studying the theory of rings and fields, including ideals; homomorphisms; quotient rings; integral domains and fields of fractions; polynomial rings; vector spaces; field extensions; geometric constructions via straight-edge and compass; the classification of finite fields; unique factorization domains; and Euclidean domains. Prerequisite: minimum grade of 2.0 in TMATH 402.
View course details in MyPlan: TMATH 403

TMATH 410 Regression Modeling with Applications (5) RSN
Investigates regression models with applications; including multiple linear regression, model selection, residual analysis, variable transformations and categorical data. Studies may also include generalized linear models, nonlinear regression, matrix formulation, and mixed models. Course overlaps with: TSTAT 430. Prerequisite: either a minimum grade of 2.0 in TMATH 210 and TMATH 124, or a minimum grade of 2.0 in TMATH 390.
View course details in MyPlan: TMATH 410

TMATH 412 Cryptography: Theory and Practice (5) RSN
Covers "classical" cryptosystems and their cryptoanalysis, Shannon's approach to cryptography including entropy and perfect secrecy, block ciphers and AES. Contains RSA cryptosystem, public key cryptography based on discrete logarithms, and signature schemes. Breaks simple ciphers using a computer. Prerequisite: a minimum grade of 2.0 in either TCSS 321, TMATH 300, or TMATH 308.
View course details in MyPlan: TMATH 412

TMATH 413 Coding Theory (5) RSN
Deals with electronic communication over noisy channels where some bits of information may get corrupted. Covers using codes in designing ciphers secure in the era of quantum computers. Topics include error-detection/correction, various types of codes, and McEliece cipher. Prerequisite: a minimum grade of 2.0 in either TMATH 208 or TCSS 321.
View course details in MyPlan: TMATH 413

TMATH 420 History of Mathematics (5) SSc, RSN
Surveys the history and development of mathematics from its earliest beginnings into the early twentieth century. Focuses on the effect math discovery and literacy has had on human, social, and cultural behaviors. Course overlaps with: STMATH 420. Prerequisite: a minimum grade of 2.0 in either TMATH 126, TMATH 207, TMATH 208, or TMATH 300.
View course details in MyPlan: TMATH 420

TMATH 424 Introduction to Real Analysis I (5) NSc, RSN
Introduces set theory; the construction of the real numbers; infima and suprema; metric spaces and Euclidean distance; topology of the reals numbers; formal treatment of limits; Cauchy sequences; continuity; uniform convergence; and the derivative. Course overlaps with: MATH 327 and STMATH 424. Prerequisite: minimum grade of 2.0 in TMATH 300.
View course details in MyPlan: TMATH 424

TMATH 425 Introduction to Real Analysis II (5) RSN
Provides rigorous treatment of the derivative of a function of one variable; Contraction Mapping Theorem; Riemann integral, Fundamental Theorem of Calculus, Cauchy existence criterion; sequences of functions, pointwise and uniform convergence; power series; differentiation of functions on Euclidean spaces, total derivative; and Implicit Function Theorem. Course overlaps with: MATH 328 and STMATH 425. Prerequisite: minimum grade of 2.0 in TMATH 424.
View course details in MyPlan: TMATH 425

TMATH 427 Complex Analysis (5) RSN
Introduces concept of Complex numbers; Power series and Complex functions; Mobius transformations; Riemann sphere; Cauchy-Riemann equations; Complex differentiation and integration; Residue theorem; Cauchy integral formula; Conformal mapping. Course overlaps with: MATH 427 and STMATH 427. Prerequisite: Minimum grade of 2.0 in TMATH 300 or TMATH 324.
View course details in MyPlan: TMATH 427

TMATH 450 Mathematics Capstone (4) RSN
Synthesizes mathematics studies and presentations skills in an individual or group project researching new topics or continuing beyond coursework. Includes research presentations of capstone experiences. Co-requisite: TMATH 351. Course overlaps with: TSTAT 450.
View course details in MyPlan: TMATH 450

TMATH 473 Math, Power, and Society (5) DIV
Critically examines mathematics education through lenses of identity, power and diversity in the US context. Special attention focuses on mathematics education as a tool of institutional oppression and liberation based on race, gender, class, and language; and how we can make mathematics more accessible, engaging, and transformative. Course equivalent to: T EDUC 473.
View course details in MyPlan: TMATH 473

TMATH 490 Special Topics in Quantitative Studies (1-7, max. 21) NSc, RSN
Advanced course offerings in quantitative studies designed to respond to faculty and student interests and needs.
View course details in MyPlan: TMATH 490

TMATH 494 Collaborative Mathematics Experience (3) RSN
Provides opportunities to complete collaborative mathematics or statistics projects within a structured course.
View course details in MyPlan: TMATH 494

TMATH 495 Collaborative Mathematics Research Experience (3) RSN
Provides opportunities to complete collaborative mathematics or statistics projects within a structured course.
View course details in MyPlan: TMATH 495

TMATH 496 Mathematics Internship (1-5, max. 10)
Provides opportunity for a mathematical internship in the public or private sector with the supervision of a faculty member in mathematics or a related discipline. Prerequisite: minimum grade of 2.0 in each of TMATH 300, TMATH 307, TMATH 308, and TMATH 324. Credit/no-credit only.
View course details in MyPlan: TMATH 496

TMATH 498 Directed Readings in Mathematics (1-5, max. 10)
Allows students to engage in an in-depth study of any area of mathematics or related area under faculty supervision.
View course details in MyPlan: TMATH 498

TMATH 499 Undergraduate Research in Mathematics (1-5, max. 10) RSN
Engages students in original research in mathematics or related area under faculty supervision.
View course details in MyPlan: TMATH 499

NON-PROFIT STUDIES

TNPRFT 231 Introduction to Nonprofit Sector (5) SSc
Examines issues specific to the nonprofit sector, including community organizations, service learning, nonprofit management, and community development. Cannot be taken for credit if credit has already been earned for TNPRFT 431.
View course details in MyPlan: TNPRFT 231

TNPRFT 432 Organizational Development (5) SSc
Explores theory and research regarding developmental stages in the life of organizations, the role of structure from bureaucracy through modern down-sized, entrepreneurial forms, the relationship of management style and practices to growth in organizations, and the role of the human relations and organizational development practitioner.
View course details in MyPlan: TNPRFT 432

TNPRFT 448 Cultural Administration and Policy (5) SSc
Analyzes the social, cultural, economic and creative foundations of cultural management and policy. Emphasizes critical and creative thinking in evaluating the role and function of non-profit arts institutions within the complex fabric of contemporary society. Examines municipal, state, and federal spheres of influence on public policy.
View course details in MyPlan: TNPRFT 448

TNPRFT 449 Museum Studies (5) SSc
Introduces the history, philosophy, organization, administration, and practice of museums. Covers the changing emphases on the role of museums in cultural, socioeconomic and political contexts; collection management, exhibition and program planning, education, cultural tourism, community outreach, and marketing.
View course details in MyPlan: TNPRFT 449

TNPRFT 450 Methods of Museum Interpretation (5) A&H
Explores theories, practices, and evaluation of museum interpretation in its greatest sense - from programs and exhibits to educational product development. Addresses the presentation history, art, literature, and science

through a cross-disciplinary approach.
View course details in MyPlan: TNPRFT 450

TNPRFT 451 Essentials of Grant Writing (5) SSc
Prepares students to be grant writers in the nonprofit sector. Provides an overview of the best practices, systems, and management principles underlying successful grant writing programs including developing a case statement, and subsequently, writing and submitting a grant application.
View course details in MyPlan: TNPRFT 451

TNPRFT 453 Nonprofit Financial Literacy (5) SSc
Covers financial reporting; budgeting and control; and financial development (fundraising) for the nonprofit sector. Focuses on financial management in the nonprofit sector; differences from reporting in the profit sector; safeguarding financial resources, revenue and expense budges, and tax and payroll requirements; and fundraising. Prerequisite: TNPRFT 231.
View course details in MyPlan: TNPRFT 453

TNPRFT 455 Philanthropy and Social Change (5)
Examines philanthropic giving through foundations (family, institutional, community, public, and corporate) and individual giving. Includes history, context, and the impact of philanthropy on social change.
View course details in MyPlan: TNPRFT 455

TNPRFT 457 Nonprofit Capstone (5) SSc
Builds on a project or interest developed by students during the nonprofit management minor internship in a nonprofit organization. Includes work on some professional nonprofit management area. Produces a demonstrable example of expertise and interest, such as a personnel manual, strategic plan, or annual fund development plan.
View course details in MyPlan: TNPRFT 457

TNPRFT 490 Nonprofit Internship/Capstone (5) SSc
Merges theory and practice preparing students for a career in nonprofit organization including 120 hours of internship, bi-weekly seminars, and writing a scholarly paper. Prerequisite: either TNPRFT 231, TNPRFT 432, TNPRFT 451, or TNPRFT 453.
View course details in MyPlan: TNPRFT 490

TNPRFT 531 Community Organizations and the Nonprofit Sector (5)
Prepares students for a career in nonprofit organizations. Examines management and leadership; the role of board and executive leadership in providing governance and strategic direction; organization development; human resource management; organizational performance and effectiveness; and legal, ethical, and financial oversight. Cannot be taken if credit received for TNPRFT 431.
View course details in MyPlan: TNPRFT 531

TNPRFT 532 Organizational Development (5)
Explores theory and research focused on nonprofit 501(c)(3) organizations regarding the relationship of management and leadership style and practices to growth and sustainability in nonprofits, as well as review and apply relevant current organizational assessment practices, and identify possible collaborative strategies to maximize collective resources to benefit the larger community.
View course details in MyPlan: TNPRFT 532

TNPRFT 551 Essentials of Grant Writing (5)
Prepares students to be grant writers in the nonprofit sector. Provides an overview of the best practices, systems, and management principles underlying successful grant writing programs including developing a case

statement, and subsequently, writing and submitting a grant application.
View course details in MyPlan: TNPRFT 551

TNPRFT 553 Nonprofit Financial Literacy (5)
Covers financial reporting; budgeting and control; and financial development (fundraising) for the nonprofit sector. Focuses on financial management in the nonprofit sector; differences from reporting in the profit sector; safeguarding financial resources, revenue and expense budges, and tax and payroll requirements; and fundraising. Prerequisite: TNPRFT 531.
View course details in MyPlan: TNPRFT 553

TNPRFT 555 Philanthropy and Social Change (5)
Examines philanthropic giving through foundations (family, institutional, community, public, and corporate) and individual giving. Includes history, context, and the impact of philanthropy on social change.
View course details in MyPlan: TNPRFT 555

TNPRFT 590 Nonprofit Internship/Capstone (5)
Merges theory and practice preparing students for a career in nonprofit organizations including 120 hours of internship, bi-weekly seminars, final presentation and writing a scholarly paper. Prerequisite: TNPRFT 531; TNPRFT 532; either TNPRFT 551 or TNPRFT 553.
View course details in MyPlan: TNPRFT 590

TNPRFT 601 Internship (1-10, max. 15)
Emphasizes integration of theory and practice for internship in nonprofit sector. Conducted under supervision of a faculty member in collaboration with agency sponsor.
View course details in MyPlan: TNPRFT 601

PHILOSOPHY

T PHIL 101 Introduction to Philosophy (5) SSc
Major philosophical questions relating to such matters as the existence of God, the foundations of knowledge, the nature of reality, and the nature of morality. Approach may be either historical or topical. Course equivalent to: PHIL 100 and BIS 193.
View course details in MyPlan: T PHIL 101

T PHIL 200 Introduction to the Philosophy of Human Rights (5) SSc
Introduces and discusses different philosophical views on humanity, good, rights, universality, and other concepts that have influenced our understanding of human rights.
View course details in MyPlan: T PHIL 200

T PHIL 240 Introduction to Ethics (5) A&H/SSc
Critical introduction to various philosophical views of the basis and presuppositions of morality and moral knowledge. Critical introduction to various types of normative ethical theory, including utilitarian, deontological, and virtue theories. Course equivalent to: PHIL 240.
View course details in MyPlan: T PHIL 240

T PHIL 250 Practical Reasoning (5) SSc, RSN
Introduces concepts and methods useful for practical analysis of arguments in everyday contexts; meaning, syllogisms, inductive and deductive inference, informal fallacies, argument structure, moral reasoning, and legal reasoning.
View course details in MyPlan: T PHIL 250

T PHIL 251 Data and Discourse (5) SSc
Explores the role of data in contemporary discourse and develops proficiency in evaluating arguments involving data. The ability to evaluate quantitative evidence is becoming increasingly central to scholarly discourse, political debate, and daily life.
View course details in MyPlan: T PHIL 251

T PHIL 270 Case Studies in Medical Ethics (2, max. 4) SSc
Explores ethical and philosophical issues related to themes in health through case studies by drawing on ethical theory. Covers themes which may include death and dying, reproduction and birth, medical technologies, health and social justice. Repeatable with instructor permission. Course overlaps with: T NURS 410/THLEAD 410 and PHIL 242. Credit/no-credit only.
View course details in MyPlan: T PHIL 270

T PHIL 310 Chinese Philosophy (5) SSc
Introduces to students the major schools of philosophical and religious teachings in China since the classical period. The topics covered will include, among others, Confucianism, Taoism, and Chinese Buddhism, as well as a score of deities stemming from and associated with these teachings.
View course details in MyPlan: T PHIL 310

T PHIL 314 Philosophy of Crime and Punishment (5) SSc
Examination of philosophical theories regarding criminal habits and punishment and the philosophical problems connected with specific topics in criminal law. Examines proper subject matter of criminal law (drug use, pornography, euthanasia); limits of criminal sanctions; crime and privilege (corporate crime, white-collar crime, blackmail); justifications for punishment; mercy; and execution. Course equivalent to: PHIL 314.
View course details in MyPlan: T PHIL 314

T PHIL 315 Chinese Philosophy and Religions Today (5)
Following an introduction to the major schools of philosophy and religious teachings in China, we will focus on the roles of these intellectual currents in contemporary Chinese life. Topics covered include Confucianism, Taoism, Chinese Buddhism, and other folk and local beliefs. By understanding China's classical philosophies, students will gain a solid foundation for the understanding modern and contemporary Chinese thought.
View course details in MyPlan: T PHIL 315

T PHIL 350 Contemporary Search for Meaning (5) SSc
Examines the search for human meaning and value as it has emerged in the writings of modern philosophy, psychology and literature. Explores how the quest for different forms of meaning has developed and how that quest has been answered.
View course details in MyPlan: T PHIL 350

T PHIL 353 The End of the Modern World: 1600 - 2000 (5) SSc
Investigates the origin, influence and definition of the modern period. Explores the fundamental images and assumptions of this period and discusses the forces that are undermining them. Concludes with a consideration of what may replace these images and assumptions in the next few decades.
View course details in MyPlan: T PHIL 353

T PHIL 354 American Modes of Thought and Experience (5) SSc
Explores the roots of the American experience in its European intellectual and cultural background. Focuses on the peculiarly American angle of vision and value in the development of its cultural heritage. Examines the contribution of tradition and change to that experience and to subsequent philosophical reflection upon it.
View course details in MyPlan: T PHIL 354

T PHIL 355 The Modern Mind (5) A&H/SSc
Examines how philosophical, artistic, and literary movements shape understandings of our place in the world. Considers a selection of classic artistic, scientific, philosophical, and literary works.
View course details in MyPlan: T PHIL 355

T PHIL 356 Themes in American Philosophy (5, max. 10) SSc
Examines the origins, development, and present status of movements in American philosophical. Includes thinkers such as James, Dewey, Pierce, Royce, Whitehead, Santayana, Rorty, and others. May be repeated for credit with instructor's approval.
View course details in MyPlan: T PHIL 356

T PHIL 358 History of Philosophy: Medieval and Modern (5) SSc
Explores continuity in the concerns of thinkers from different places and eras, including such medieval and early modern philosophers as Augustine, Aquinas, Descartes, Hume, and Kant. Examines how they address questions about reality, thought, and the beautiful and the good.
View course details in MyPlan: T PHIL 358

T PHIL 359 Themes in Existentialism (5, max. 10)
Examines the human predicament as treated in the writings of existentialist philosophers and writers such as Nietzsche, Kierkegaard, Dostoevsky, Marcel, Heidegger, and Sartre. Examines historical origins, development, and present forms of existentialism. Assesses existentialism's impact on psychology, religion, literature, and the arts. May be repeated for credit with instructor's approval.
View course details in MyPlan: T PHIL 359

T PHIL 360 History of Philosophy: Modern and Contemporary (5) SSc
Examines idealism, pragmatism, and existentialism in historical context to discover ways in which they are responses to past ideas and ways in which they are new. Focuses on the way issues in philosophy remain the same even as ways of thinking about them change.
View course details in MyPlan: T PHIL 360

T PHIL 361 Ethics in Society (5) A&H/SSc
Examines the meaning, nature, legitimacy, criteria, and foundations of moral judgment. Explores ethics as a branch of philosophy while focusing on particular ethical problems, such as war, race, abortion, justice, sexuality, medical issues of life and death, the environment, and the transactions of the business world.
View course details in MyPlan: T PHIL 361

T PHIL 362 The Beautiful and the Good: Philosophy's Quest for Value (5) SSc
Examines ideas about the beautiful and the good in the history of philosophy. Includes ideas of early thinkers and how they were adopted, transformed, or rejected by later thinkers. Studies different ideas from the history of philosophy about what the beautiful and the good are, how we know them and how we achieve them.
View course details in MyPlan: T PHIL 362

T PHIL 364 Topics in the Philosophy of Science (5, max. 10) SSc
Study of one or more current topics in philosophy of science such as scientific realism, explanation, confirmation, causation. Course overlaps with: PHIL 360. Prerequisite: one T PHIL course.
View course details in MyPlan: T PHIL 364

T PHIL 367 Utopias (5)
Explores the ideal society of the classical era and the Renaissance, and contrasts these early visions with the modern models of mass society and competitive markets in the light of the revolutionary experiences of the

19th and 20th centuries. Covers Utopian literature, political philosophy, economics, art, and music.
View course details in MyPlan: T PHIL 367

T PHIL 410 Social Philosophy (5) SSc
An examination of topics pertaining to social structures and institutions such as liberty, distributive justice, and human rights. Course equivalent to: PHIL 410.
View course details in MyPlan: T PHIL 410

T PHIL 414 Philosophy of Law (5) SSc
Nature and function of law. Relation of law to morality. Legal rights, judicial reasoning. Course equivalent to: PHIL 414.
View course details in MyPlan: T PHIL 414

T PHIL 451 The Enlightenment (5) SSc
Examines the Enlightenment as historical epoch, philosophical attitude, and social and political project. Explores ideas of selected thinkers (e.g., Jefferson, Montesquieu, Rousseau, Kant, Hume, Voltaire) and the reactions they inspire. Highlights themes such as liberalism, human rights, rationalism, republicanism, and neoclassicism.
View course details in MyPlan: T PHIL 451

T PHIL 453 Political Theory of Human Rights (5) SSc
Examines understandings and influence of idea of human rights. Considers conflicts and contradictions between human rights claims and national sovereignty, cultural difference, democracy.
View course details in MyPlan: T PHIL 453

T PHIL 455 Medicine and Morality: Issues in Biomedical Ethics (5) A&H/SSc
Provides students with knowledge of ethical theory which is then applied to questions in medicine such as right to die, allocation of scarce medical resources, informed consent, and patient confidentiality.
View course details in MyPlan: T PHIL 455

T PHIL 456 Environmental Ethics (5) SSc/A&H
Critical exploration of selected philosophical and literary texts pertinent to ethics attending the natural environment. Topics for consideration may include animal and nature rights, social ecology, natural value (instrumental, inherent, intrinsic), anthropocentrism v. Deep Ecology, and environmental aesthetic theory.
View course details in MyPlan: T PHIL 456

T PHIL 460 The Meaning of the Person (5) SSc
Explores philosophical and psychological concepts of the self and their implications. Discusses what it means to be a person and what constitutes a person. Asks how philosophy and psychology agree and disagree on what it means to be a person.
View course details in MyPlan: T PHIL 460

T PHIL 466 Philosophy of the Future (5, max. 10) SSc
Considers philosophies that address future problems including the ecological crisis, technological transformation, artificial intelligence and neuroscience. Emphasis is on evaluating how philosophy helps us encounter these and other new developments.
View course details in MyPlan: T PHIL 466

PHYSICS

T PHYS 120 Physics Collaborative Learning Seminar (1, max. 3)
Enhances problem-solving skills for physics by having students work with a facilitator to strengthen their skills in critical thinking via group problem sessions in physics and its applications. Co-requisite: either T PHYS 121, T PHYS 122 or T PHYS 123. Credit/no-credit only.
View course details in MyPlan: T PHYS 120

T PHYS 121 Physics: Mechanics (6) NSc
Explores principles of mechanics: motion, momentum, work and energy, Newton's laws, rotation, and gravity. Includes analyses using calculus and lab activities. Prerequisite: a minimum grade of 2.0 in either TMATH 122, TMATH 124, or MATH 124.
View course details in MyPlan: T PHYS 121

T PHYS 122 Physics: Electromagnetism (6) NSc
Explores principles of electromagnetism: charge, electric force and fields, flux and potential, circuits, magnetic force and fields, and Maxwell's equations. Includes analyses using calculus and lab activities. Prerequisite: a minimum grade of 2.0 in T PHYS 121; and a minimum grade of 2.0 in either TMATH 125 or MATH 125.
View course details in MyPlan: T PHYS 122

T PHYS 123 Physics: Waves, Light, Heat (6) NSc
Explores principles of oscillatory motion, electromagnetic waves, optics, waves in matter, fluids, and thermodynamics. Includes analyses using calculus and lab activities. Prerequisite: a minimum grade of 2.0 in T PHYS 122; and a minimum grade of 2.0 in either TMATH 125 or MATH 125.
View course details in MyPlan: T PHYS 123

POLITICAL SCIENCE

TPOL S 123 Introduction to Globalization (5) SSc
Provides an introduction to the debates over globalization. Focuses on the growth and intensification of global ties. Addresses the resulting inequalities and tensions, as well as the new opportunities for cultural and political exchange. Topics include the impacts on government, finance, labor, culture, the environment, health, and activism. Course overlaps with: GEOG 123 and BIS 282.
View course details in MyPlan: TPOL S 123

TPOL S 201 Introduction to Political Values and Ideas (5) SSc
Surveys a variety of implicit and explicit values that inspire political action. Explores whether there is such a thing as a universe interest and what it might be, who should rule, and whether justice will be done. Course equivalent to: POL S 201 and BISGST 362.
View course details in MyPlan: TPOL S 201

TPOL S 202 Introduction to American Politics (5) SSc
Institutions and politics in the American political system. Ways of thinking about how significant problems, crises, and conflicts of American society are resolved politically. Course equivalent to: POL S 202 and BIS 175.
View course details in MyPlan: TPOL S 202

TPOL S 203 Introduction to International Relations (5) SSc
The world community, its politics, and government. Course equivalent to: POL S 203.
View course details in MyPlan: TPOL S 203

TPOL S 204 Introduction to Comparative Politics (5) SSc
Political systems in a comparative framework. Traditional and contemporary approaches to the study of governments and societies in different countries. Course equivalent to: POL S 204.
View course details in MyPlan: TPOL S 204

TPOL S 210 Debate (2) SSc
Introduces students to the practice of academic, legal and political debate. Provides students with basic principles and theories of argument, but primarily emphasizes opportunities for in-class and public debates in order to develop student abilities in public speaking, research and analytical and legal reasoning. Cannot be taken if credit received for COM 335. Course overlaps with: BIS 217.
View course details in MyPlan: TPOL S 210

TPOL S 230 International Human Rights (5) SSc
Introduces historical origins, foundational theories, basic documents, personalities, and legal and political processes which have promoted international human rights as a widely accepted legal and moral foundation for a just world order.
View course details in MyPlan: TPOL S 230

TPOL S 251 Cultural Studies (5, max. 10) SSc
Selected themes in American and occasionally other modern and contemporary cultures. Themes and readings may include: advertising and consumer culture; class and culture, gender and sexuality, identity, and post-9/11 culture.
View course details in MyPlan: TPOL S 251

TPOL S 260 American Political Theory (5) SSc, DIV
Considers major issues and traditions in American thinking about democracy, citizenship, membership, and justice. Focuses on works by important thinkers from the Founding to the twentieth century. Includes conflicting visions and tensions associated with the demands of newly rising social groups, and American identities.
View course details in MyPlan: TPOL S 260

TPOL S 270 Introduction to Political Economy (5) SSc
Political economy as a tool for understanding and evaluating the political world. Combines theory, methods, and insights derived from economics and political science and applies them to a range of substantive issues. Course equivalent to: POL S 270.
View course details in MyPlan: TPOL S 270

TPOL S 275 Political Rhetoric (5) SSc
Explores the role of rhetoric, argumentation, deliberation, and debate in politics. Examines different theories of public dialogue, the importance of civic culture as well as critiques of these forums. Develops students' public speaking, argumentation, and oral rhetoric skills. Course overlaps with: COM 234 and COM 334.
View course details in MyPlan: TPOL S 275

TPOL S 300 Mass Media and U.S. Politics (5) SSc
Examines role of mass audiences in politics from the standpoint of the communication strategies used to shape their political involvement. Topics include: social structure and political participation, political propaganda and persuasion, the political uses of public opinion, and the mass media and politics.
View course details in MyPlan: TPOL S 300

TPOL S 305 Campaigns and Elections (5) SSc
Analyzes local, state, and federal elections to examine the role of election rules and organizations on political

outcomes. Also evaluates the role of political parties, candidates, the media, financing, political strategies, and various interest groups on who gets elected and how.
View course details in MyPlan: TPOL S 305

TPOL S 310 Modern European Political Theory (5) SSc
Examines the emergence and development of modern European political thought through selected works by some of its most important exponents. Analyzes answers to questions about the nature of a political community, about citizenship and rights, about the evolving meaning of freedom, equality, and democracy.
View course details in MyPlan: TPOL S 310

TPOL S 317 The Politics of Race and Ethnicity in the United States (5) SSc, DIV
Explores the early historical formation of racial categories, segregation, and discrimination and how these continue to be reflected in modern racial hierarchies in the United States and examines the roles played by race and racism in poverty, crime control, and immigration.
View course details in MyPlan: TPOL S 317

TPOL S 319 Theories of Political Violence (5) SSc
Establishes broad, inclusive definitions of violence. Reviews the theoretical discourse on the nature of violence as a political phenomenon. Themes include terrorism (both non-authoritative and state-sponsored), civil conflicts, and "tools" or calculated manifestations of violence (torture, massacres), the relationship between violence and development, and the relationship between culture and violence.
View course details in MyPlan: TPOL S 319

TPOL S 321 American Foreign Policy (5) SSc
Constitutional framework; major factors in formulation and execution of policy; policies as modified by recent developments; the principal policymakers-President, Congress, political parties, pressure groups, and public opinion. Course equivalent to: POL S 321.
View course details in MyPlan: TPOL S 321

TPOL S 322 War and Politics (5) SSc
Examines the relationship between war and politics. Using different theoretical and historical sources, it examines the complex relationship between national, global, and martial relations since the beginning of the "military revolution" in the 16th century. The course examines how armed conflict influenced the rise of the state, industrialization, colonialism, technology, and cultural attitudes. Course overlaps with: HSTCMP 345 and JSIS B 301/SOC 306.
View course details in MyPlan: TPOL S 322

TPOL S 323 The Practice of War (5) SSc
Explores the strategies, tactics, logistics, and practices of armed conflict. It begins by analyzing broad, theoretical principles shaping armed conflict before turning to contemporary phenomena in warfare including nuclear conflict, terrorism, and contemporary wars. The course also requires students examine ongoing armed conflicts and their implications for global politics. Course overlaps with: POL S 349.
View course details in MyPlan: TPOL S 323

TPOL S 324 War, Activism, and Ethics (5) SSc
Explores how armed conflict impacts combatants and noncombatants, the ethics of martial practice, as well as peace and antiwar activism, and legal regulations on warfare. It exposes students to different experiences of war. The course shows how these experiences relate to activist and legal responses to warfare and discusses their normative implications for global politics. Course overlaps with: POL S 425.
View course details in MyPlan: TPOL S 324

TPOL S 325 Issues in Local Government (5) SSc
Examines a particular topic that confronts local governments. Topics include fiscal/budget issues, education policy, safety, or intergovernmental relations.
View course details in MyPlan: TPOL S 325

TPOL S 329 Making of Modern Africa (5) SSc
Examines how African societies came to be and as they are today. Examines aspects of the experience of five centuries of the African Diaspora as they affected Africa and its peoples.
View course details in MyPlan: TPOL S 329

TPOL S 340 Middle East Politics (5) SSc
Study of democracy/ authoritarianism; ethnic, religious, and national identity; civil society, social movements, and gender; political economy, and issues of development in the Middle East.
View course details in MyPlan: TPOL S 340

TPOL S 341 Conflict and Cooperation in the Middle East (5) SSc
Investigates regional politics and security in the Middle East; conflict and collaboration among local powers; politics of oil, and relations with global power. Incorporates case studies such as Palestinian-Israeli conflict, nuclear arms, and the Persian Gulf security. Study of regional and global factors. Course equivalent to: POL S 431.
View course details in MyPlan: TPOL S 341

TPOL S 343 Community and Labor Organizing: A Multicultural Perspective (5) SSc, DIV
Explores current community and labor organizing issues through intersections of gender, race, class, and immigration. Discussions of labor movements, community and environmental coalitions, living wage, social justice, and anti-sweatshop campaigns, in context of globalization. Case studies and issues vary.
View course details in MyPlan: TPOL S 343

TPOL S 350 Politics and Film in the Middle East (5) A&H/SSc
Studies symbols, depiction, and narratives of Middle East politics through motion picture produced inside and outside of the region. Incorporates country studies with a particular thematic focus on state-society relations, cultural politics, and development.
View course details in MyPlan: TPOL S 350

TPOL S 353 United States Congress (5) SSc
Studies the organization of Congress, the influence of interest groups, legislative roles, and the theory and practice of representative government. Prerequisite: TPOL S 202.
View course details in MyPlan: TPOL S 353

TPOL S 355 Reproductive Politics, Law, and Justice (5) SSc
Investigates the social, political, and legal history of reproductive freedom and unfreedom in the United States. Explores how social inequities of race, class, gender, sexuality, disability, and immigration status have delimited reproductive autonomy. Examines how reproduction-related law, policy, and social movements have been shaped by and in response to these inequities.
View course details in MyPlan: TPOL S 355

TPOL S 360 Genocide (5) SSc
Introduces students to the problem of genocide from a historical and theoretical perspective. Examines the origins of international law of genocide, key methodological questions in genocide studies, and historical perspective of the Armenian Genocide, Nazi Genocide, and Rwandan Genocide as well as colonial and

indigenous genocides. Course overlaps with: JSIS B 337/POL S 337.
View course details in MyPlan: TPOL S 360

TPOL S 371 The Politics of Security (5) SSc
Investigates competing theories of security and examines the historical emergence of security as a chief concern in both international relations and contemporary politics more broadly. Explores the debate over a variety of current security concerns such as war, climate change, data surveillance, and technological development. Course overlaps with: JSIS B 456.
View course details in MyPlan: TPOL S 371

TPOL S 382 State Government (5) SSc
Focus on the structures, processes, and policy outputs of state governments in the United States. Course equivalent to: POL S 382.
View course details in MyPlan: TPOL S 382

TPOL S 400 The American Presidency (5) SSc
Examines the American presidency, its evolution, its occupants, and its place within the American system. Topics include presidential character, war, elections, the economy, and the Constitution. Course overlaps with: HSTAA 213.
View course details in MyPlan: TPOL S 400

TPOL S 405 Advanced Campaigns and Elections (5) SSc
Produces advanced analysis of local, state, and federal elections and political campaigns as applied to specific political campaigns, initiative, or election-related issues. Involves independent applied research. Prerequisite: TPOL S 305.
View course details in MyPlan: TPOL S 405

TPOL S 410 Labor Rights and Human Rights (5) SSc, DIV
Examines labor in western society, exploring the historical emergence of various concepts of labor rights and developing an analysis of labor and human rights in contemporary world order. Topics include slavery, labor and liberalism, individualism and collective labor rights under capitalism, economic security, and labor rights in a global economy.
View course details in MyPlan: TPOL S 410

TPOL S 411 Human Rights and Violence in the Third World (5) SSc
Examines political violence and human rights concerns in under-developed regions. Establishes broad, inclusive definitions of violence and human rights.
View course details in MyPlan: TPOL S 411

TPOL S 425 Comparative Social Policy (5) SSc
Explores current social policy issues in the United States, Canada, and Nordic countries from a comparative perspective. Examines history and political structures that influences implementation of social policies. Offered: jointly with TSOCWF 425.
View course details in MyPlan: TPOL S 425

TPOL S 426 World Politics (5) SSc
The nation-state system and its alternatives, world distributions of preferences and power, structure of international authority, historical world societies and their politics. Course equivalent to: POL S 426/JSIS B 426.
View course details in MyPlan: TPOL S 426

TPOL S 450 Contemporary Theories of Culture (5, max. 10) SSc
Studies recent anthropological theory and contemporary cultural theory. Includes topics such as cultural theory, British cultural studies, critical theory, and post-modernism; or ideology, culture, and cultural resistance; ethnocentrism, relativism; class and race; the social body; self and other; gender and sexuality. May be repeated for credit with instructor's approval.
View course details in MyPlan: TPOL S 450

TPOL S 451 Human Rights and the Use of Force (5) SSc
Covers both the history and sources of international law, including the system of treaties and emerging principles of customary law. Examines the conditions under which military force is justified, looking specifically at the war against terrorism, and world events since September 11, 2001.
View course details in MyPlan: TPOL S 451

TPOL S 480 Politics: Philosophy and Public Affairs Seminar (5, max. 10) SSc
Provides in-depth treatment of topics in politics and philosophy; political economy; law and policy; economics and policy; and ethics and economics. Emphasizes analysis of methodological issues and developing students' research and writing skills.
View course details in MyPlan: TPOL S 480

TPOL S 485 Study Abroad in Politics, Philosophy, and Economics (5-15, max. 24) SSc
Uses an international setting to explore particular political-economic-philosophical problems or dilemmas. Taught on site and includes interaction with foreign scholars, local exhibits and sites, and local community experiences where appropriate.
View course details in MyPlan: TPOL S 485

TPOL S 496 Politics, Philosophy, and Public Affairs Internship (5-15, max. 20)
Internships in federal, state and local government; international organizations; non profit and lobbying organizations; and research and advocacy organizations.
View course details in MyPlan: TPOL S 496

TPOL S 497 Political Internship in State Government (1-15, max. 20)
Students serving in approved internship program with state government agencies. Course overlaps with: POL S 497 and BIS 497.
View course details in MyPlan: TPOL S 497

PSYCHOLOGY

TPSYCH 101 Introduction to Psychology (5) SSc
Surveys major areas of psychological science, including human social behavior, personality, psychological disorders and treatment, learning, memory, human development, biological influences, and research methods. Related topics may include sensation, perception, states of consciousness, thinking, intelligence, language, motivation, emotion, stress and health, cross-cultural psychology, and applied psychology. Course equivalent to: PSYCH 101 and BIS 170.
View course details in MyPlan: TPSYCH 101

TPSYCH 202 Human Sexuality (5) SSc
Surveys biological, psychological, and social determinants of human sexuality and sexual behavior. Topics include cultural diversity, sexual development (physical and psychological), sexual health, reproduction (pregnancy, contraception, abortion), development of sex, gender orientation, adult sexual bonding, sexual abuse and assault. Course overlaps with: PSYCH 210 and BIS 222. Prerequisite: either TPSYCH 101 or PSYCH

101.
View course details in MyPlan: TPSYCH 202

TPSYCH 209 Fundamentals of Psychological Research I (5) SSc
Explores the basics of inquiry and research in the social sciences. Topics include the hypothesis testing, experimental design, research strategies/techniques, fundamentals of scientific writing, search and evaluation of literature in psychology, and ethical issues in psychological research. Prerequisite: TPSYCH 101; and a minimum grade of 2.0 in either TMATH 110, T BGEN 200, T HLTH 305, TSOCWF 351, T URB 225, or QMETH 201.
View course details in MyPlan: TPSYCH 209

TPSYCH 210 Abnormal Psychology (5) SSc
Historical and current definitions, theory, and research concerning abnormal psychological behavior. Major categories of psychopathology, including related treatment approaches. Assignments include: illustrative case studies, written critical perspectives of course materials, and interpretative analysis of major topics in field. Prerequisite: either TPSYCH 101 or PSYCH 101.
View course details in MyPlan: TPSYCH 210

TPSYCH 220 Lifespan Development (5) SSc
Explores human cognitive and psychosocial development across the lifespan. Covers theories, methodologies, and research findings using a lifespan approach, which examines continuity and change from conception to death and the interaction of biological, psychological, and social aspects of development. Prerequisite: either TPSYCH 101 or PSYCH 101.
View course details in MyPlan: TPSYCH 220

TPSYCH 230 Educational Psychology (5) SSc
Explores individual learning and the educational process. Emphasis on theories of cognition, personal/social/moral development, learning differences, and motivation. Covers cultural/community influences on the learner and educational process. Includes overview of teacher roles, classroom management, educational assessment. Course overlaps with: T EDUC 402. Prerequisite: either TPSYCH 101 or PSYCH 101.
View course details in MyPlan: TPSYCH 230

TPSYCH 240 Social Psychology (5) SSc
Surveys the major areas of social psychology, the science of human behavior in social situations. Emphasizes an understanding of the important methods, terms, theories and findings in social psychology. Prerequisite: either TPSYCH 101 or PSYCH 101.
View course details in MyPlan: TPSYCH 240

TPSYCH 250 Human Cognition (5) SSc
Surveys cognitive psychology related to the mental processes associated with acquiring, storing, transforming, and using knowledge. Topics include perception, attention, learning, memory, metacognition, imagery, language, problem solving, and decision-making. Emphasizes identifying these concepts in everyday situations and application to educational and criminal justice fields. Prerequisite: either TPSYCH 101 or PSYCH 101.
View course details in MyPlan: TPSYCH 250

TPSYCH 260 Biopsychology (5) NSc/SSc
Focuses on the biological events that influence psychological processes and behaviors. Topics include the structure and function of the nervous system, and the biological bases of sensation and perception, motivation, learning, cognition and communication, emotion, and mental disorders. Course overlaps with: PSYCH 202 and B BIO 310. Prerequisite: a minimum grade of 2.0 in either TPSYCH 101 or PSYCH 101. Offered: jointly with T BIOL 260.
View course details in MyPlan: TPSYCH 260

TPSYCH 300 History and Systems of Psychology (5) SSc
Examines historical, current, and theoretical systems in psychology, such as psychoanalysis, behaviorism, and existentialism. Offers a critical and philosophical examination of the field of psychology and its relationship to other disciplines. Prerequisite: either TPSYCH 101 or PSYCH 101.
View course details in MyPlan: TPSYCH 300

TPSYCH 306 Community Psychology, Research, and Action (5) SSc
Introduces community psychology, a field examining the interrelationship between individual well-being and the multiple social systems with which individuals interact. Covers the principles and approaches of community psychology, including attention to diversity and equity; social change; and community-based, participatory, and action research methods. Prerequisite: TPSYCH 209.
View course details in MyPlan: TPSYCH 306

TPSYCH 308 Conscience, Nature and Technology (5) SSc
Explores the influence of the natural world and technology on the development of conscience and moral sensitivity. Emphasizes experiential methods in this exploration. Prerequisite: TPSYCH 101.
View course details in MyPlan: TPSYCH 308

TPSYCH 309 Fundamentals of Psychological Research II (5) SSc
Explores forms of inquiry form empirical laboratory research to fieldwork and phenomenological methods discussed in relationship to types of problem and research questions. Discusses quantitative and qualitative methods for gathering and reporting data as well as design, control, and the problem of interpretation and bias. Prerequisite: minimum grade of 2.0 in TPSYCH 209.
View course details in MyPlan: TPSYCH 309

TPSYCH 310 Controversies in Clinical Psychology (5) SSc
Explores advanced abnormal psychology topics, including controversies and social issues in mental health assessment, treatment, and diagnosis. Prerequisite: either TPSYCH 210 or TPSYCH 212.
View course details in MyPlan: TPSYCH 310

TPSYCH 311 Personality Theory (5) SSc
Covers the major theories of personality within the field of psychology. Students compare and contrast theoretical models, gain understanding of their development within the context of the theorists' lives, and apply the theories to their own life experience. Prerequisite: either TPSYCH 101 or PSYCH 101.
View course details in MyPlan: TPSYCH 311

TPSYCH 312 Mental Illness Across Cultures (5) SSc, DIV
Explores advanced abnormal psychology topics from a global perspective such as how mental illness is understood by different cultures and in different historical periods. Prerequisite: either TPSYCH 210 or TPSYCH 212.
View course details in MyPlan: TPSYCH 312

TPSYCH 313 Personalities Disorders (5) SSc
Examines current models and empirical research on personality disorders. Includes case studies, empirical data, and theoretical explanations of personality disorders. Prerequisite: TPSYCH 210.
View course details in MyPlan: TPSYCH 313

TPSYCH 314 Tests and Measurements (5)
Explores the theory, methods, and applications of psychological testing and evaluates the advantages and drawbacks of psychological testing in general, and selected tests in particular. Prerequisite: TPSYCH 101; either

TPSYCH 209 or TPSYCH 330.
View course details in MyPlan: TPSYCH 314

TPSYCH 315 Introduction to Counseling Psychology (5) SSc
Examines the emergence, core values, distinct foci, major theories, and research in the discipline of counseling psychology. Discusses the connections of counseling psychology to other relevant psychological disciplines. Explores the effectiveness of counseling in promoting human change, as well as research and ethics in counseling psychology. Visits the five major forces in counseling psychology. Prerequisite: TPSYCH 101 or PSYCH 101.
View course details in MyPlan: TPSYCH 315

TPSYCH 319 Community Engaged Child Development (5) SSc
Examines theory and research in child development and applies it to experiences working with children in an engaged learning context. Some classes meet off-campus, transport is arranged. Prerequisite: TPSYCH 101 or PSYCH 101.
View course details in MyPlan: TPSYCH 319

TPSYCH 320 Race, Class, and Gender Contexts of Child Development (5) SSc, DIV
Explores how cultural contexts that include racism, classism, and sexism, as well as other contexts, such as school, family, and neighborhood, differentially shape the experiences of children. Applies these contexts to specific topics, such as cognitive development, identity, moral development, families, peers, and media. Prerequisite: either TPSYCH 101 or PSYCH 101.
View course details in MyPlan: TPSYCH 320

TPSYCH 321 Adolescent Psychology (5) SSc
Explores the multiple contexts of adolescents' lives, including the interactions of biology, psychology, and sociocultural aspects of development. Prerequisite: either TPSYCH 101 or PSYCH 101.
View course details in MyPlan: TPSYCH 321

TPSYCH 322 Adult Development (5) SSc
Examines adult development, beginning with the transition to adulthood through young, middle, and old adulthood. Focuses on diverse individual experiences and social/contextual factors in the U.S. and their effect on the changes, choices, opportunities, and paths through adulthood. Prerequisite: either TPSYCH 101 or PSYCH 101.
View course details in MyPlan: TPSYCH 322

TPSYCH 344 Self and Society (5) SSc
Explores what the self is, how we develop this self, how our selves change over time and alter our future, and how our selves affect us in other ways. Course overlaps with: PSYCH 452. Prerequisite: either TPSYCH 101 or PSYCH 101.
View course details in MyPlan: TPSYCH 344

TPSYCH 345 Stereotyping, Prejudice, and Discrimination (5) SSc, DIV
Examines stereotyping, prejudice, and discrimination from a social psychological perspective, including phenomena and processes associated with beliefs, attitudes, and evaluative responses toward groups, and behaviors toward members of groups based on their group status. Covers the science-based evidence and implications of stereotyping, prejudice, and discrimination. Course overlaps with: BISPSY 350. Prerequisite: TPSYCH 240.
View course details in MyPlan: TPSYCH 345

TPSYCH 346 Skepticism and Critical Thinking (5) SSc
Investigates common errors in human judgment, including bogus claims, pseudoscience, the paranormal, and everyday reasoning. Focuses on the processes of human cognition that lead to beliefs, and emphasizes use of the scientific method to critically evaluate the social world. Prerequisite: minimum grade of 2.0 in TPSYCH 209.
View course details in MyPlan: TPSYCH 346

TPSYCH 347 Attitudes and Persuasion (5) SSc
Explores attitudes and persuasion from a social psychological perspective. Discusses theories and empirical research on phenomena and processes associated with attitude formation, attitude measurement, attitude-behavior relationship, social influence and persuasion, dissonance, implicit attitude, attitude about groups, and so on. Prerequisite: TPSYCH 240.
View course details in MyPlan: TPSYCH 347

TPSYCH 349 Sexual Identities (5) SSc
Explores the lives and current issues facing lesbian, gay, bisexual, and transgender (LGBT) persons, with particular attention to developmental, community, and political issues and their intersections. Emphasizes current areas of consensus and discord among members within, across, and outside these communities. Prerequisite: TPSYCH 101.
View course details in MyPlan: TPSYCH 349

TPSYCH 350 Human Memory (5) SSc
Covers research and theory in key areas of memory. Issues include information processing theory, the link between memory processes and their biological underpinnings, autobiographical memory, implicit memory, and the effect of emotion on memory. Course equivalent to: PSYCH 462. Prerequisite: TPSYCH 250.
View course details in MyPlan: TPSYCH 350

TPSYCH 351 Psychology of Perception (5)
Explores the psychological, biological, and cultural contributions to the perceptual processes mediating our ability to see, hear, touch, taste, and smell. Emphasis is place on understanding vision and its role in action and perception. Prerequisite: TPSYCH 101.
View course details in MyPlan: TPSYCH 351

TPSYCH 352 Judgment and Decision-Making (5) SSc
Examines current models and empirical research on human information processing in judgment and decision making. Includes both normative and descriptive theories of decision making with a focus on decision making under risk and uncertainty. Prerequisite: either TPSYCH 101 or PSYCH 101; either TMATH 110, T HLTH 305, T URB 225, TSOCWF 351, STAT 220, or STAT 311.
View course details in MyPlan: TPSYCH 352

TPSYCH 360 Health Psychology (5) SSc
Introduces the field of health psychology, which is concerned with how biological characteristics, behavioral factors, and social conditions influence health and illness. Topics include the foundation of health psychology, health behavior and primary prevention, stress and coping, treatment setting, and chronic illness. Prerequisite: either TPSYCH 101 or PSYCH 101.
View course details in MyPlan: TPSYCH 360

TPSYCH 361 Psychopharmacology (5) NSc/SSc
Introduces physiological and synaptic mechanisms by which psychotropic medications are used for treatment of mental health. Topics include: research methods of pharmacology, neural communication, synaptic mechanisms of drug actions, and critical analysis of social concerns of psychopharmacological agents. Course overlaps with: NEUSCI 404. Prerequisite: a minimum grade of 2.0 in either TPSYCH 101 or PSYCH 101; and

either T BIOL 140 or TPSYCH 260/T BIOL 260. Offered: jointly with T BIOL 361.
View course details in MyPlan: TPSYCH 361

TPSYCH 362 Psychophysiology of Stress and Stress Management (5) SSc
Examines psychological stress and the physiological mechanisms influencing mental and physical health. Evaluates coping process including relations with other psychological factors. Introduces stress management techniques used to enhance stress coping. Prerequisite: TPSYCH 260/T BIOL 260.
View course details in MyPlan: TPSYCH 362

TPSYCH 400 Psychology of Gender (5) SSc, DIV
Examines psychological theories and research on gender. Includes a focus on how social, cultural, and biological constructions of gender influence cognition, social behavior, and personality. Example topics include gender stereotypes, sexism, social roles, and sexuality. Course overlaps with: PSYCH 257/GWSS 257. Prerequisite: either TPSYCH 101 or PSYCH 101.
View course details in MyPlan: TPSYCH 400

TPSYCH 401 Family Violence (5) SSc
Comprehensive interdisciplinary investigation of the pervasive social problem of family violence. Explores the history, theoretical explanations, causes, and consequences of family violence, including intimate partner violence, date and marital rape, elder abuse, and child physical and sexual abuse. Prerequisite: either TPSYCH 101 or PSYCH 101.
View course details in MyPlan: TPSYCH 401

TPSYCH 402 Friends, Enemies, and Intimates (5) SSc
Uses a psychological and interdisciplinary framework to examine adult close relationships. Example topics include friendship, dating, committed relationships, enemies, and the dissolution of committed relationships. Course equivalent to: PSYCH 455. Prerequisite: TPSYCH 101 or PSYCH 101.
View course details in MyPlan: TPSYCH 402

TPSYCH 403 Psychology of Black Women (5) SSc, DIV
Applies a psychological and feminist framework to the examination of black women's lives and development. Emphasizes the coping techniques used by black women throughout history. Topics include mental health, violence, male-female relationships, and cross-racial friendships. Prerequisite: either TPSYCH 101 or PSYCH 101.
View course details in MyPlan: TPSYCH 403

TPSYCH 404 Psychology of Food and Culture (5) SSc
Covers a global look at the social, symbolic, and political-economic roles of food and eating. Examines cultural, ethnic, and gender issues in relation to the production and consumption of food, as well as the neurobiological effects of certain foods on brain activity. Prerequisite: either TPSYCH 101 or PSYCH 101.
View course details in MyPlan: TPSYCH 404

TPSYCH 405 Body Image and the Psychology of Appearance (5) SSc
Examines the individual and social forces that shape body image, and psychological and physical correlates of body image. Influence of physical appearance on social perception is covered, and adaptation to social/psychological appearance demands in terms of both problems, such as eating disorders, and resistance. Prerequisite: either TPSYCH 101 or PSYCH 101.
View course details in MyPlan: TPSYCH 405

TPSYCH 406 Chemical Dependency (5) SSc
Examines the biological, psychological, social, and cultural factors involved in drug dependency. Examines prevention, intervention, treatment, and 12-step programs including those related to various ethnic and

cultural groups. Prerequisite: either TPSYCH 101 or PSYCH 101.
View course details in MyPlan: TPSYCH 406

TPSYCH 407 The Cultural Context of Developmental Psychology (5) SSc
Extends understanding of basic child development by critiquing and placing in cultural context Western models of development and methodologies used to search for universal development. Explores importance of culture to understanding developmental processes and the political nature of developmental psychology. Prerequisite: either TPSYCH 101 or PSYCH 101.
View course details in MyPlan: TPSYCH 407

TPSYCH 409 Group Counseling and Dynamics (5, max. 15) SSc
Examines group work, group processes, patterns of communication, group and individual goal-setting, leadership, personal control, decision-making, self-esteem, and cultural factors. Includes role-playing and simulations and group participation. Prerequisite: either TPSYCH 101 or PSYCH 101.
View course details in MyPlan: TPSYCH 409

TPSYCH 410 Existential Psychology (5) SSc
Examines the philosophical and literary movement of existentialism and its impact on clinical psychology. Prerequisite: either TPSYCH 101 or PSYCH 101.
View course details in MyPlan: TPSYCH 410

TPSYCH 411 Psychology and the Arts (5) A&H/SSc
Examines the relationship between psychology as a research and clinical discipline and the arts, with a focus on the fine arts and music. Prerequisite: TPSYCH 101. Offered: ASp.
View course details in MyPlan: TPSYCH 411

TPSYCH 416 Freud and His Critics (5) SSc
Examines the work of Sigmund Freud, its impact on clinical psychology, and historical and contemporary criticisms of this theoretical school. Prerequisite: either TPSYCH 101 or PSYCH 101.
View course details in MyPlan: TPSYCH 416

TPSYCH 417 Ethical and Legal Issues in Psychology (5) SSc
Provides a comprehensive understanding of ethical decision making in psychology practice and research. It will cover historical codes, moral principles, the APA Ethics Code, and provide for students a framework for reasoning through ethical and sometimes legal dilemmas that arise in clinical practice and in research. Prerequisite: TPSYCH 101.
View course details in MyPlan: TPSYCH 417

TPSYCH 418 Lifespan Imaginative Play (5) SSc
Explores theories and research on imaginative play across the lifespan and its impact on learning and development across contexts (e.g., school, community organizations, and business/work) including considerable time playing with readings and other media and student-developed playful approaches to course activities and assignments. Prerequisite: TPSYCH 220.
View course details in MyPlan: TPSYCH 418

TPSYCH 420 Attachment and Interpersonal Relations (5) SSc
Takes a historical approach examining infant and adult attachment from its interdisciplinary origins, through the development of the methods used to test the theory, to its current status. May also cover topics at the boundaries between attachment and other areas, such as culture or neuroscience. Prerequisite: TPSYCH 311.
View course details in MyPlan: TPSYCH 420

TPSYCH 421 Social Psychology, Law, and Society (5) SSc
Examines the interaction of social psychology and the law and the role both play in the development of legal policy. Considers selected topics at the forefront of psych-legal inquiry, such as eyewitness testimony, confession evidence, and implicit bias. Prerequisite: either TPSYCH 240, TPSYCH 250, or T CRIM 101.
View course details in MyPlan: TPSYCH 421

TPSYCH 422 Psychology and the Legal System (5) SSc
Focuses on the application of psychological research methods and knowledge to contemporary issues in the legal system. Topics include psychology of policing, criminal profiling, serial killers, criminal investigations, pretrial publicity, competency/insanity, scientific jury selection, juror decision making, sentencing/death penalty, and the social scientist as an expert witness. Prerequisite: either TPSYCH 101 or PSYCH 101.
View course details in MyPlan: TPSYCH 422

TPSYCH 424 Autism: History and Treatment (5) SSc
Provides upper-level undergraduate students a broad introduction to Autism Spectrum Disorders (ASD) as well as prepares individuals for the Registered Behavior Technician (RBT) exam/RBT Competency Assessment. Topics include ASD overview, etiology, developmental and social impact, evidenced based interventions, school based interventions, myths of ASD, and applied behavioral principles/techniques from the RBT Task List. Prerequisite: TPSYCH 101.
View course details in MyPlan: TPSYCH 424

TPSYCH 431 Sexual Deviance (5) SSc
Examines various psychological, sociological, and biological theories that purport to explain the causes, consequences, and cure for atypical sexual behaviors, including fetishism, exhibitionism, sexual addiction, pedophilia, and erotophonophilia (lust murder). Prerequisite: either TPSYCH 202 or TPSYCH 210.
View course details in MyPlan: TPSYCH 431

TPSYCH 432 Sex Crimes and Sexual Violence (5) SSc
Examines sexual criminality, its nature, characteristics, dimensions, and ramifications in American society and internationally. Topics include, sexual assault, sex offenders and survivors of childhood sexual abuse, and sexual predatory crimes, such as sex trafficking, prostitution, and child pornography. Prerequisite: either TPSYCH 101 or PSYCH 101.
View course details in MyPlan: TPSYCH 432

TPSYCH 441 Diversity and Health Psychology (5) SSc, DIV
Examines diverse personal, sociocultural, and institutional factors that have an impact on health and illness, including socioeconomic status, race/ethnicity/culture, gender, sexual orientation, aging, and disability. Prerequisite: either TPSYCH 101 or PSYCH 101.
View course details in MyPlan: TPSYCH 441

TPSYCH 445 Psychology of Superheroes: An Exploration of Good and Evil (5) SSc
Explores media's portrayal of heroes and villains and how the indoctrination of good and evil through these stereotypical images influences one's self-concept, esteem, and knowledge. Examines modern day heroes or villains by surveying how individuals relate to others through acts of altruism, inaction, and aggression. Prerequisite: TPSYCH 240.
View course details in MyPlan: TPSYCH 445

TPSYCH 450 Meditation, Mindfulness, and Health (5) SSc
Explores Buddhist perspectives on the nature of mind, self, and consciousness and the research on the effects of meditation and mindfulness on the mind, brain, and body. The course focuses on how meditation and

mindfulness are being researched and applied in daily life. Prerequisite: TPSYCH 101.
View course details in MyPlan: TPSYCH 450

TPSYCH 455 Immigrant Youth and Families (5) SSc, DIV
Explores immigrant youth development in the U.S. in various contexts (families, schools, communities, broader society, etc.). Examines individual differences within and across groups (e.g., ethnic group, family structure), and consequences of immigration and deportation practices on well-being. Focus will be on social, political, and psychological experiences of Latinx youth. Centered around qualitative research project in the South Sound. Prerequisite: TPSYCH 101; recommended: a research methods course.
View course details in MyPlan: TPSYCH 455

TPSYCH 460 Sport Psychology (5) SSc
Examines biological, psychological, and social aspects of sport and performance. Evaluates the variables that impact human performance, including physiology, attention, motivation, development, personality, and group dynamics. Applies knowledge to modern controversies in sport and athletics. Course overlaps with: PSYCH 438. Prerequisite: TPSYCH 260/T BIOL 260 or T BIOL 302 .
View course details in MyPlan: TPSYCH 460

TPSYCH 461 Asian American Psychology (5) SSc, DIV
Explores psychological theory and research on Asian American individuals and the community. Topics will include the stereotypes of Asian Americans such as the Model Minority Myth, Asian American racial and ethnic identity, acculturation and enculturation, mental health, gender and sexuality, and so on. Course overlaps with: PSYCH 461 and BIS 368. Prerequisite: either TPSYCH101, PSYCH101, T SOC 165, T SOC 270, or SOC 110.
View course details in MyPlan: TPSYCH 461

TPSYCH 471 Applied Issues in Cognition (4-5, max. 10) SSc
Examines cognitive issues in applied settings, such as the workplace and education. Topics include such issues as attention, expertise, problem solving, decision-making, human error, automation, navigation, and individual differences. Course equivalent to: PSYCH 471. Prerequisite: minimum grade of 2.0 in either TPSYCH 209 or TPSYCH 330.
View course details in MyPlan: TPSYCH 471

TPSYCH 472 Cross-Cultural Studies in Social Sciences (5) SSc/A&H
Explores topics related to social sciences and humanities within cross-cultural perspective. Subjects included in this course will be theories of cross-cultural studies, methodology and critical thinking of cross-cultural research, impacts of cultures on human behavior and social interaction, and application of cross-cultural perspective in real-life everyday problems. Recommended: coursework in social sciences (e.g., psychology, economics, history) and/or humanities (e.g., philosophy, languages and literature, the arts).
View course details in MyPlan: TPSYCH 472

TPSYCH 496 Psychology Internship (1-5, max. 10) SSc
Allows students to complete an internship with an organization whose mission is related to psychology or other closely related field under faculty supervision.
View course details in MyPlan: TPSYCH 496

TPSYCH 498 Directed Readings in Psychology (1-5, max. 15) SSc
Allows student to engage in independent, in-depth study of any area of psychology or related interdisciplinary area under faculty supervision. Students develop a reading syllabus, discuss the reading with their advisor, and write and revise an APA-style paper analyzing the readings. Offered: AWSpS.
View course details in MyPlan: TPSYCH 498

TPSYCH 499 Undergraduate Psychology Research (1-5, max. 15) SSc
Allows student to conduct independent research in psychology or other closely related field under faculty supervision. Students work on 3-15 hours per week on independent research, meet with their faculty supervisor, and write a paper related to their experience.
View course details in MyPlan: TPSYCH 499

RELIGION

TRELIG 105 Introduction to Religious Studies (5) SSc/A&H
Introduces students to the 'data,' including objects, places, texts, music, and rituals, foundational for the academic study of religion, beginning with a critical discussion of the problem of defining 'religion'. Recommended that students complete this course before taking TRELIG 210 and TRELIG 321.
View course details in MyPlan: TRELIG 105

TRELIG 210 Modern Theories of Religion (5) SSc
Examines intellectual questions raised by thinkers such as Darwin, Marx, and Freud which were complemented by social and political movements to privatize religion. Considers both the intellectual and social transformation of religion in the modern Western milieu. Examines the contrasting situation in less secular non-Western societies.
View course details in MyPlan: TRELIG 210

TRELIG 310 Religious Diversity in America (5) SSc, DIV
Examines the pluralities of religions in modern American, introducing the history, sociology, and beliefs of Buddhists, Christians, and Muslims in the United States. Discusses problems of solutions to human dilemmas, the nature of ultimate reality, and the role of its founder from the perspective of each of these religions.
View course details in MyPlan: TRELIG 310

TRELIG 321 Comparative Religion (5) SSc
Examines comparative approaches to religious experience and belief with emphasis on conceptual issues such as ritual, symbolism, identity, ecstatic experience, and revitalization movements in the context of globalization. Addresses criteria of both similarity and difference in the comparative work.
View course details in MyPlan: TRELIG 321

TRELIG 333 Buddhist Thought (5) SSc
Explores key teachings of the Buddha. Investigates the "Three Jewels" of the Buddha, the Dharma (the Buddha's teachings), and the Sangha (the Buddhist Community) and applies the teachings to daily life.
View course details in MyPlan: TRELIG 333

TRELIG 345 Christian Thought and Ethical Practice (5) SSc
Provides a systematic introduction to key concepts in Christianity by looking at their application to contemporary ethical problems. Explores these concepts with readings while also providing a platform for thinking about larger themes in ethical and social theory, which are broader interest for those outside of religious studies.
View course details in MyPlan: TRELIG 345

TRELIG 350 Philosophy, Religion, and the Environment (5) SSc/NSc
Examines the value of nature and whether it is socially constructed or objectively existing. Considers how our philosophical and religious worldviews affect the way we value ourselves and our environment - including perspective from diverse traditions.
View course details in MyPlan: TRELIG 350

TRELIG 365 Hinduism and Buddhism (5) SSc
Examines Hinduism and Buddhism, two of the world's most ancient religious traditions - both originated in India, and claim well over half a billion followers in the modern world. Presents the radically different (from conventional Western) perspectives they offer on the context and meaning of human existence.
View course details in MyPlan: TRELIG 365

TRELIG 366 Islam (5) SSc
Investigates the history and forms of Islam, the predominant religion of the Middle East. Particular attention devoted to understanding values, views, and assumptions that are often quite different from those familiar in the secular societies of the West.
View course details in MyPlan: TRELIG 366

TRELIG 467 Philosophy of Religion (5, max. 10) SSc
Examines selected topics in the philosophy of religion from a particular religious tradition. Focuses on arguments for the existence of God; the problem of evil; atheism; faith; religious experience and revelation; the attributes of God; miracles; immorality; and the relation between religion and morality. May be repeated with instructor permission. Course equivalent to: PHIL 467.
View course details in MyPlan: TRELIG 467

SOCIOLOGY

T SOC 165 Introduction to Sociology: Developing the Sociological Imagination (5) SSc, DIV
Surveys social issues such as race, social class, and gender using sociological theories and perspectives. Introduces sociological methods and the relationship between research and public policy. Examines how individuals and organizations have used sociological theories to institute social change. Course equivalent to: BIS 181. Course overlaps with: SOC 110.
View course details in MyPlan: T SOC 165

T SOC 265 Race and Ethnicity in the United States (5) SSc, DIV
Introduces issues of race and ethnicity in the United States, particularly the social construction of race, and its effects on policies throughout history. Examines social movements (from the mid-1800s - present) and explores how ideas of racial justice and equality are articulated in relation to economic, political, and cultural contexts.
View course details in MyPlan: T SOC 265

T SOC 270 Introduction to Asian American: Sociological and Interdisciplinary Perspectives (5) SSc, DIV
Introduces Asian American studies from sociological and interdisciplinary perspectives. Critically examines diverse Asian American experiences, nineteenth to twenty-first century, including contemporary issues of race, class, gender, and sexuality; immigration, labor and citizenship; war and colonialism; educational attainment; media, arts and popular culture; family relations; political movements and transnationalism. Course overlaps with: AAS 101 and BIS 257.
View course details in MyPlan: T SOC 270

T SOC 335 Social Class and Inequality (5) SSc, DIV
Examines the problem of persistent urban poverty in the United States. Explores the differential risk of poverty experienced by racial and ethnic groups and by women and children in the context of the major theories of class stratification. Also discusses the factors that lead to extreme-poverty neighborhoods, how these environments affect the life chances of residents, survival strategies of the poor, and public policy implications.
View course details in MyPlan: T SOC 335

T SOC 346 The History of Childhood and the Family in the United States (5) SSc
Examines changing experiences and forms of childhood and family life over the course of U.S. history. Relates

those experiences and forms to their political and economic contexts, considers explanations for historical alterations, and explores social and ideological implications of contemporary childhood and family life as mediated by class and ethnicity.
View course details in MyPlan: T SOC 346

T SOC 350 Global Cultural Sociology (5) SSc/A&H
Explores the interrelationship between human behavior and social interaction in the production and consumption of cultural phenomena like the arts, but also belief systems and rituals in the context of class, gender, politics, subcultures, inequality, diverse otherness, and ethnicity via French Social Theory, British Cultural Studies, Critical Theory, and intersecting disciplines like anthropology, psychology, geography, economics, and history.
View course details in MyPlan: T SOC 350

T SOC 351 Visual Sociology of Marginalized Ethnic, Gender, and Sociocultural Groups (5) SSc/A&H
Studies visual culture, including the arts empirically and analytically as a reflection of social behavior, phenomena, groups, and environments. Explores image-making as an intersecting artistic and sociocultural practice to challenge dominant narratives about marginalized political, class, ethnic and gender identities, environmental and labor conditions, and social justice. Draws from documentaries, journalism, and the arts. Course overlaps with: ART 365.
View course details in MyPlan: T SOC 351

T SOC 365 Advanced Sociological Theories of Race and Ethnicity (5) SSc
Contemporary sociological and interdisciplinary theories of race and ethnicity that shape the field of race studies and political movements. Examines theories that explain institutional and structural forms of inequality including racial formation theory, systemic racism, racialized social system, settler colonialism, and critical race theory. Prerequisite: T SOC 265 or T SOC 434.
View course details in MyPlan: T SOC 365

T SOC 369 Diversity in Adulthood (5) SSc
Assesses the diversity of personal styles within the class (emotional patterns, personality, learning, and behavior) using various psychological instruments that identify patterns or styles. Utilizes individual differences illustrate problems of communication and conflict resolution between persons of different styles, backgrounds, and worldviews.
View course details in MyPlan: T SOC 369

T SOC 432 Schooling in the United States (5) SSc
Explores the history of formal education in the U.S. with special consideration of the forms and content of schooling for working people, women, and minority populations. Examines specific forms of schooling, educational reform, changes in pedagogy and structure, and the relationships between schooling and other features of the historical landscape.
View course details in MyPlan: T SOC 432

T SOC 433 Household and Family in Comparative Perspective (5) SSc
Explores cross-cultural changes and continuities in family life and household organization in selected societies. Examines creation of various family and household forms and their relation to wide-scale economic, political, and social change. Studies the impact of power relations (gender, generation, class, ethnicity/race, etc.) within and beyond the family.
View course details in MyPlan: T SOC 433

T SOC 434 Women, Race, and Class: Identity and Intergroup Relations (5) SSc, DIV
Explores interlocking effects of race, ethnicity, class, gender, and sexuality on the life experiences of women in

the U.S. Includes: impact of race, ethnicity, and racism on social institutions; women's experiences of racism; struggles of anti-racist women; relationship between racial, class, and sexual identities and feminism, development of dialogue and coalitions between women.
View course details in MyPlan: T SOC 434

T SOC 436 History of Social Welfare Policy in the United States (5) SSc
Explores welfare policy in the United States from the colonial era to the present. Covers history of individual and governmental relief efforts; changing definitions of the poor and poverty; and the origins of our current welfare system.
View course details in MyPlan: T SOC 436

T SOC 437 Immigration Today (5) SSc
Examines changing causes and patterns of post-1965 immigration from global and interdisciplinary perspectives. Topics may include: role of immigrants in changing global economy; interactions between immigrants and residents in communities, schools, workplaces; challenges of adaptation for immigrant children; new forms of citizenship and national identity. Compares Europe and United States. Prerequisite: T SOC 165 or T SOC 265.
View course details in MyPlan: T SOC 437

T SOC 439 Fieldwork and Interviewing in Communities (5) SSc
Assists students in developing skills as qualitative researchers in communities, particularly fieldwork and in-depth interviewing. Explores theoretical, ethical, and methodological dimensions. Includes reading and discussing examples of fieldwork and carrying out students' own projects in the field.
View course details in MyPlan: T SOC 439

T SOC 446 Family Relationships and Diverse Family Forms in the United States (5) SSc
Explores cross-cultural changes and continuities in family life and household organization in selected societies. Explores development of family and household forms and their relation to wide-scale economic, political, and social change. Studies impact of power relations within and beyond the family.
View course details in MyPlan: T SOC 446

T SOC 447 AIDS and American Society (5) SSc
Examines the impact of the AIDS epidemic on American society, including the lives of persons with AIDS and people who are HIV-positive; the gay community, minority communities, and the American public, more broadly; Americans' concepts of health, illness, and sexuality; and the medical care system and public-health policy. Offered at Olympic Community College/Bremerton.
View course details in MyPlan: T SOC 447

T SOC 455 The Sociology of Gender (5) SSc, DIV
Explores biological and social bases of gender differences; ways in which changing social definitions of womanhood and manhood affect self-perceptions, opportunities, and behaviors. Examines social movements and theories which challenge traditional roles of men and women in U.S. society, and those which question the benefits of liberation.
View course details in MyPlan: T SOC 455

T SOC 456 Rural Societies and Development (5) SSc
Explores Third World development issues (economic, political, and social) which are particular to rural societies. Addresses topics such as: food production and distribution, rural labor markets, migration, rural development strategies, rural poverty, the "Green Revolution," export agriculture, the proletarianization of peasants, and rural politics.
View course details in MyPlan: T SOC 456

T SOC 460 Demographic Methods: Analyzing Race, Class, and Gender (5) SSc, DIV
Provides students with an understanding of how, when, and why descriptive statistics are generated. Students generate, collect, analyze, and critically assess description statistics, particularly demographic data on race, class, and gender.
View course details in MyPlan: T SOC 460

T SOC 465 Asian and Asian American Laborers in the U.S.: Citizenship, Immigrant Rights and the Welfare State (5) SSc, DIV
Covers early comparative racial labor history, U.S. immigration policies, employment laws and welfare reforms that have shaped the experiences of Asian/Asian American low wage workers and their families by perpetuating economic systems of inequality and reproducing racial and gendered stereotypes. Calls into question the ubiquitous cultural myth of the model minority and focuses on community organizing for labor rights and unionization. Recommended: T SOC 165 or T SOC 270.
View course details in MyPlan: T SOC 465

T SOC 470 Qualitative Research: Inquiry and Methods (5)
Provides students with an understanding of how, when, and the reason why qualitative research is conducted. Covers common techniques used to conduct fieldwork.
View course details in MyPlan: T SOC 470

T SOC 534 Women, Race, and Class: Identity and Intergroup Relations (5)
Explores interlocking effects of race, ethnicity, class, gender, and sexuality on public policy and the life experiences of women around the world. Includes: impact of race, ethnicity, and racism on social institutions; women's experiences of racism; struggles of anti-racist women; and development of dialogue and coalitions between women.
View course details in MyPlan: T SOC 534

T SOC 555 Sociology of Gender (5)
Explores biological and social bases of gender differences; ways in which changing social definitions of womanhood and manhood affect self-perceptions, opportunities, and behaviors. Examines social movements and theories which challenge traditional roles of men and women in U.S. society, and those which question the benefits of liberation.
View course details in MyPlan: T SOC 555

T SOC 560 Demographic Methods: Analyzing Race, Class, and Gender (5)
Provides students with an understanding of how, when, and why descriptive statistics are generated. Students generate, collect, analyze, and critically assess description statistics, particularly demographic data on race, class, and gender.
View course details in MyPlan: T SOC 560

T SOC 570 Qualitative Research: Inquiry and Methods (5)
Provides students with an understanding of how, when, and the reason why qualitative research is conducted. Covers common techniques used to conduct fieldwork.
View course details in MyPlan: T SOC 570

SPANISH

TSPAN 101 Elementary Spanish (5)
Maximum 15 credits allowed between TSPAN 101; TSPAN 102; TSPAN 103 (or equivalents); SPAN 121; SPAN 122; SPAN 123 (or equivalents); and SPAN 134. Course equivalent to: SPAN 101; SPAN 121; and B SPAN 101. Course overlaps with: TSPAN 110 and SPAN 110.
View course details in MyPlan: TSPAN 101

TSPAN 102 Elementary Spanish (5)
Continues TSPAN 101. Stresses communicative approach to language. Maximum 15 credits allowed between TSPAN 101; TSPAN 102; TSPAN 103 (or equivalents); SPAN 121; SPAN 122; SPAN 123 (or equivalents); and SPAN 134. Course equivalent to: SPAN 102; SPAN 122; and B SPAN 102. Course overlaps with: TSPAN 110 and SPAN 110. Prerequisite: either TSPAN 101, TSPAN 121, or score of 176-225 on WebCAPE placement exam.
View course details in MyPlan: TSPAN 102

TSPAN 103 Elementary Spanish (5)
Continues TSPAN 102. Stresses communicative approach to language. Maximum 15 credits allowed between TSPAN 101; TSPAN 102; TSPAN 103 (or equivalents); SPAN 121; SPAN 122; SPAN 123 (or equivalents); and SPAN 134. Course equivalent to: SPAN 103; SPAN 123; and B SPAN 103. Prerequisite: either TSPAN 102, TSPAN 110, TSPAN 122, or score of 226-275 on WebCAPE placement exam.
View course details in MyPlan: TSPAN 103

TSPAN 199 Foreign Study - Elementary (2-16, max. 16)
Elementary instruction in approved foreign study program. Students who wish to satisfy foreign language proficiency requirement must see the departmental adviser and may be required to take additional courses through 103. Course overlaps with: SPAN 199.
View course details in MyPlan: TSPAN 199

TSPAN 201 Intermediate (5) A&H
Intensive practice in speaking, reading, and writing. Review of Spanish grammar. Oral practice based on literary and cultural readings. Maximum 10 credits allowed between TSPAN 201; TSPAN 202; and SPAN 210 (or equivalents). Course equivalent to: SPAN 201 and B SPAN 201. Prerequisite: either TSPAN 103, TSPAN 123, TSPAN 134, score of 276-325 on WebCAPE placement exam.
View course details in MyPlan: TSPAN 201

TSPAN 202 Intermediate (5) A&H
Intensive practice in speaking, reading, and writing. Review of Spanish grammar. Oral practice based on literary and cultural readings. Maximum 10 credits allowed between TSPAN 201; TSPAN 202; and SPAN 210 (or equivalents). Course equivalent to: SPAN 202 and B SPAN 202. Course overlaps with: SPAN 204. Prerequisite: either TSPAN 201 or score of 326-375 on WebCAPE placement exam.
View course details in MyPlan: TSPAN 202

TSPAN 203 Intermediate (5) A&H
Intensive practice in speaking, reading, and writing. Review of Spanish grammar. Oral practice based on literary and cultural readings. Course equivalent to: SPAN 203 and B SPAN 203. Course overlaps with: SPAN 204. Prerequisite: either TSPAN 202, TSPAN 210, or score of 376-450 on WebCAPE placement exam.
View course details in MyPlan: TSPAN 203

TSPAN 210 Accelerated Intermediate Spanish (5) A&H
Merges SPAN 201 and SPAN 202. Designed to build listening, speaking, reading, and writing skills and to expand knowledge of culture and literature of the Spanish-speaking world. Combines classroom experience with

accelerated Web-enhanced activities provided through Spain's Instituto Cervantes. Maximum 10 credits allowed between TSPAN 201; TSPAN 202; and SPAN 210 (or equivalents). Course overlaps with: SPAN 210. Prerequisite: either TSPAN 103, TSPAN 123, or TSPAN 134 or score of 276-375 on WebCAPE placement exam.
View course details in MyPlan: TSPAN 210

TSPAN 299 Foreign Study - Intermediate (2-16, max. 16) A&H
Intermediate instruction in approved foreign study program. Further study at 200 level subject to placement test score. Course overlaps with: SPAN 299.
View course details in MyPlan: TSPAN 299

TSPAN 301 Spanish Grammar and Lexicon (5, max. 10) A&H
Reviews Spanish grammar structures and vocabulary to develop students' capacity to understand and express themselves in Spanish with more accuracy. Helps students master concepts required for advance reading, writing, and oral proficiency. Prerequisite: either TSPAN 203, TSPAN 299, 5 credits of a TSPAN 300-level or higher course, or score of 451 or higher on the WebCAPE placement exam.
View course details in MyPlan: TSPAN 301

TSPAN 302 Spanish Conversation (5, max. 10) A&H
Emphasizes oral proficiency and listening comprehension using film, television, music, journalistic, and literary texts as a way to understand linguistic and cultural diversity within the Spanish-speaking world. Prerequisite: either TSPAN 203, TSPAN 299, 5 credits of a TSPAN 300-level or higher course, or score of 451 or higher on the WebCAPE placement exam.
View course details in MyPlan: TSPAN 302

TSPAN 303 Spanish Stylistics and Composition (5, max. 10) A&H
Develops writing skills for a wide variety of purposes, with activities to build vocabulary and strengthen knowledge of grammar. Includes pre-writing exercises, peer-editing and revision of texts, plus introduction to translation. Prerequisite: either TSPAN 203, TSPAN 299, 5 credits of a TSPAN 300-level or higher course, or score of 451 or higher on WebCAPE placement exam.
View course details in MyPlan: TSPAN 303

TSPAN 312 Culture and Language for Spanish Heritage Speakers (5) DIV
Expands existing Spanish language skills for students who have had exposure to Spanish at home, but that have not studied it formally. Develops oral, listening, and literacy skills through meaningful and authentic cultural content and fosters a better understanding of diverse linguistic and cultural heritage.
View course details in MyPlan: TSPAN 312

TSPAN 315 Business Communication in Spanish (5) A&H
Develops Spanish language skills (reading, writing, speaking, and listening) within the contest of the Spanish-speaking business world. Emphasizes business-specific culture and concepts. Prerequisite: minimum of 5 credits of Spanish language at the 300-level or higher.
View course details in MyPlan: TSPAN 315

TSPAN 335 Hispanic Linguistics (5) A&H
Focuses on factors that affect the Spanish language (including phonetics, phonology, morphology, syntax, semantics, and pragmatics); the history of the Spanish language; as well as social factors that contribute to dialectical variation among Spanish speakers. Taught in Spanish. Prerequisite: 5 credits of 300-level or higher TSPAN coursework.
View course details in MyPlan: TSPAN 335

TSPAN 345 Spanish for Community Engagement (5) SSc, DIV
Explores issues impacting Latino/a communities in Tacoma and beyond, while enabling students to use and improve Spanish language skills in practical contexts. In Spanish and requires 16 hours of community engagement with a local organization. Prerequisite: 5 credits of Spanish language at 300 level or higher.
View course details in MyPlan: TSPAN 345

TSPAN 348 Writing and the Research Process (5) A&H
Offers students the opportunity to develop their Spanish-language writing, speaking, reading, and listening skills while also learning how to carry out different kinds of research, design research projects, and produce a variety of written texts. Prerequisite: minimum of 5 credits of Spanish language at 300-level or higher.
View course details in MyPlan: TSPAN 348

TSPAN 351 Introduction to Hispanic Literary Studies (5) A&H
Introduces techniques of literary analysis, as applied to examples of narrative, poetry, and theater from Spain, Spanish American, and U.S. Latino culture. Taught in Spanish. Prerequisite: minimum of 5 credits of Spanish language at 300-level or higher.
View course details in MyPlan: TSPAN 351

TSPAN 352 Introduction to Hispanic Cultural Studies (5) A&H
Acquaints students with different approaches to cultural studies, using key notions of elite, mass and folk culture of Spanish-speaking societies and examples. Topics include globalization/ modernization vs. tradition; transculturation vs. assimilation; community; family and tradition; gender and race; class. Taught in Spanish. Prerequisite: minimum of 5 credits of Spanish language at 300-level or higher.
View course details in MyPlan: TSPAN 352

TSPAN 361 Mexican Film (5) A&H
Familiarizes students with important trends in cinema and culture in Mexico through the analysis and study of representative films, directors, and cultural movements. Taught in Spanish. Prerequisite: TSPAN 351 or TSPAN 352; and one other 300- or 400-level Spanish course.
View course details in MyPlan: TSPAN 361

TSPAN 371 The Hispanic Caribbean (5) A&H
Analyzes significant trends in the Hispanic Caribbean through literature and other forms of cultural production, including art, music, folklore, and film. Taught in Spanish. Prerequisite: either one 300-level TSPAN course, or one 400-level TSPAN course
View course details in MyPlan: TSPAN 371

TSPAN 374 Hispanic Culture Through Film (5) A&H
Introduces students to the cinema of the Spanish-speaking world and explores films within various national contexts. Explores issues related to politics, social change, gender, class, and ethnicity. Taught in Spanish. Prerequisite: minimum of 5 credits of Spanish language at 300-level or higher.
View course details in MyPlan: TSPAN 374

TSPAN 376 Hispanic Film Directors (5) A&H
Examines cultural and aesthetic issues related to specific Hispanic film directors. Explores issues of cultural identity as it relates to gender, race, and socio-economic status. Taught in Spanish. Prerequisite: minimum of 5 credits of Spanish language at 300-level or higher.
View course details in MyPlan: TSPAN 376

TSPAN 388 Contemporary United States Latina/o Literature (5) A&H, DIV
Focuses on contemporary literature by U.S.-based Chicana/o, Puerto Rican, Cuban American, and Dominican

American authors from the 1960s to the present with attention to hybrid culture(s), identity, social justice, language, and socio-cultural circumstances to understand literary expression in relation to Latina/o histories. Taught in Spanish. Prerequisite: minimum of 5 credits of Spanish language at 300-level or higher.
View course details in MyPlan: TSPAN 388

TSPAN 393 Foreign Study (2-10, max. 20) A&H
Study in Spanish speaking country outside the standard Spanish curriculum of the University of Washington. Course overlaps with: SPAN 393. Prerequisite: 5 credits of 300-level or higher TSPAN coursework.
View course details in MyPlan: TSPAN 393

TSPAN 420 Advanced Spanish Grammar (5) A&H
Acquaints students with more complex grammatical structures, with attention to idiomatic language uses and structures. Taught in Spanish. Prerequisite: minimum of 10 credits of upper-division Spanish language.
View course details in MyPlan: TSPAN 420

TSPAN 425 Advanced Communication Skills (5) A&H
Promotes higher level proficiency in spoken and written Spanish. Examines regional differences, formal and informal styles of communication, cultural notions related to specific speech patterns, and social interactions. Develops idiomatic knowledge of the language. Taught in Spanish. Prerequisite: minimum of 10 credits of Spanish language at the 300-level or higher.
View course details in MyPlan: TSPAN 425

TSPAN 430 Translation Techniques and Practices (5) A&H
Focuses on theory, practice, and mechanics of translation of a wide variety of texts, literary, and non-literary. Prerequisite: minimum of 10 credits of upper-division Spanish language.
View course details in MyPlan: TSPAN 430

TSPAN 451 Hispanic Women Writers (5) A&H
Analyzes novels, short stories, poetry, testimony, drama, and essays by contemporary Hispanic women writers. Includes themes such as dictatorship, political and sexual repression, gender constructions, colonialism, racism, class issues, etc. Taught in Spanish. Prerequisite: TSPAN 351 or TSPAN 352; and one other 300- or 400-level Spanish course.
View course details in MyPlan: TSPAN 451

TSPAN 464 Mexican Literature and Culture (5) A&H
Analyzes significant trends in Mexican culture through literature and other forms of cultural production, including art, music, folklore, and film/television/print media. Taught in Spanish. Prerequisite: TSPAN 351 or TSPAN 352; and one other 300- or 400-level Spanish course.
View course details in MyPlan: TSPAN 464

TSPAN 480 Contemporary Spanish Culture (5) A&H
Analyzes significant historical, social, and political events in contemporary Spain through literature and other forms of cultural production, including art, music, dance, and film. Taught in Spanish. Course overlaps with: TIAS 493. Prerequisite: TSPAN 351 or TSPAN 352; and one other 300- or 400-level Spanish course.
View course details in MyPlan: TSPAN 480

TSPAN 496 Experiential Learning in Spanish (1-10, max. 10)
Engages students in an individualized project that combines academic and work experience in the local Spanish-speaking community. Supplements and enhances formal in-class language training. Taught in Spanish. Prerequisite: TSPAN 301; TSPAN 302; TSPAN 303; TSPAN 351; TSPAN 352. Credit/no-credit only.
View course details in MyPlan: TSPAN 496

STATISTICS

TSTAT 280 Applied Data Science (5) NSc, RSN
Introduces the data science life cycle, focusing on data acquisition, wrangling, exploration, and visualization, model building, model evaluation, and deployment. Students gain practical experience with modern programming environments, working on projects that simulate real-world workflows to develop actionable insights from data. Prerequisite: one of the following: (1) a minimum grade of 2.0 in TMATH 110 and a minimum grade of 2.0 in either TMATH 124 or MATH 124; (2) a minimum grade of 2.0 in TMATH 390.
View course details in MyPlan: TSTAT 280

TSTAT 336 Machine Learning for Data Scientists (5)
Covers essential statistical and machine learning methods, including regression, classification, resampling, ensemble methods, boosting, clustering, and foundational algorithms. Students apply these techniques to real-world data using modern frameworks, gaining practical skills and foundational knowledge in both classical and modern approaches, preparing for advanced study in data science. Course overlaps with: TCSS 455; CSE 416/STAT 416; and E E 344. Prerequisite: a minimum 2.0 grade in TSTAT 280; and a minimum 2.0 grade in either TMATH 126 or MATH 126.
View course details in MyPlan: TSTAT 336

TSTAT 345 Statistical Theory I (5)
Introduces the fundamentals of probability for statistics; axioms of probability, combinatorics, conditional probability, independence; discrete and continuous random variables, transformation of random variables, expectation, variance, moment generating functions; laws of large numbers and the central limit theorem. Course overlaps with: TMATH 393; MATH 394/STAT 394; STAT 340; and STMATH 392. Prerequisite: a minimum grade of 2.0 in either TMATH 126, MATH 126, or STMATH 126.
View course details in MyPlan: TSTAT 345

TSTAT 346 Statistical Theory II (5)
Introduces multivariate distributions and transformations; Order statistics; Basic concepts of estimation, hypothesis testing, and confidence intervals; Maximum likelihood estimators; introduction to regression; parameter estimates using Bayesian framework. Course overlaps with: STAT 341. Prerequisite: a minimum grade of 2.0 in TSTAT 345; and a minimum grade of 2.0 in TMATH 224.
View course details in MyPlan: TSTAT 346

TSTAT 380 Foundations of Statistical Consulting (4)
Builds skills to provide ethical and effective consulting services to a client from project beginning to project assessment plan. Includes client interviews, development of statement of work, project timeline, client updates, and providing recommendations and preliminary results to client. Emphasizes ethical practices in statistical consulting. Prerequisite: a minimum grade of 2.0 in either TSTAT 280, TMATH 210, TSTAT 345, TMATH 390, or STMATH 390.
View course details in MyPlan: TSTAT 380

TSTAT 420 Applied Non-Parametric Methods (5)
Introduces fundamental non-parametric statistical methods, focusing on practical application through projects and presentations. Methodologies may include the Sign Test, Wilcoxon tests, Mann-Whitney U Test, Kruskal-Wallis Test, bootstrapping, and non-parametric regression. Course overlaps with: STAT 425/BIOST 425. Prerequisite: a minimum grade of 2.0 in TSTAT 345.
View course details in MyPlan: TSTAT 420

TSTAT 422 Introduction to Design of Experiments (5)
Introduces experimental design methods and appropriate analysis for design data, including completely

randomized, blocked (fixed effects and random effects models), Latin Square, split-plot, strip-plot, nested, and repeated measures designs. Analyses of real data to illustrate concepts; use of appropriate statistical models and results interpretation. Discipline-specific writing and communication is taught and emphasized. Course overlaps with: STAT 421. Prerequisite: a minimum grade of 2.0 in either TMATH 210 or TMATH 390.
View course details in MyPlan: TSTAT 422

TSTAT 426 Applied Bayesian Modeling (5)
Introduction to Bayesian inference and modeling. Topics include conjugate priors, posterior sampling, Markov Chain Monte Carlo (MCMC) methods, hierarchical models, and model diagnostics. Emphasis on applications and computational tools, including modern probabilistic programming languages. Students will learn to analyze data using Bayesian methods, interpret posterior distributions, and communicate findings effectively. Prerequisite: a minimum grade of 2.0 in either TSTAT 345 or TMATH 390.
View course details in MyPlan: TSTAT 426

TSTAT 430 Applied Linear Regression (5)
Investigates simple/multiple least-squares linear regression models including inference, interpretation, variable selection, model diagnostics and corrections, ANOVA/ANCOVA, analysis of real data to illustrate concepts using modern statistical software. Discipline-specific writing and communication is taught and emphasized. Course overlaps with: TMATH 410 and STAT 423. Prerequisite: a minimum grade of 2.0 in TSTAT 346; and a minimum grade of 2.0 in TMATH 208.
View course details in MyPlan: TSTAT 430

TSTAT 431 Multivariate Statistical Analysis (5)
Introduces statistical methods for analysis of multidimensional data. Methods include tools for exploratory analysis of high-dimensional data, statistical modeling approaches to parameter estimation and hypothesis testing, and nonparametric methods for classification and clustering. Discipline-specific writing and communication is taught and emphasized. Course overlaps with: STAT 441. Prerequisite: a minimum grade of 2.0 in TSTAT 422.
View course details in MyPlan: TSTAT 431

TSTAT 434 Applied Generalized Linear Models (5)
Introduces the statistical theory and methods to extend regression and analysis of variance to non-normal data, including parameter estimation and goodness-of-fit for generalized linear models (GLMs); application to binary, Poisson, negative binomial, and gamma GLMs; quasi-likelihood estimates and overdispersion. Course overlaps with: STAT 424. Prerequisite: a minimum grade of 2.0 in TSTAT 430.
View course details in MyPlan: TSTAT 434

TSTAT 450 Statistics and Data Science Seminar (4)
Synthesizes statistics and data science research and presentations skills from a completed individual or group capstone project. Includes research presentations of capstone experiences. Course overlaps with: TMATH 450. Prerequisite: a minimum grade of 2.0 in either TSTAT 494 or TSTAT 495.
View course details in MyPlan: TSTAT 450

TSTAT 494 Data Science Capstone Project (3)
Work in groups with clients to complete a data science project. Prerequisite: a minimum grade of 2.0 in either TSTAT 336 or TSTAT 430; and a minimum grade of 2.0 in TSTAT 380.
View course details in MyPlan: TSTAT 494

TSTAT 495 Collaborative Statistics and Data Science Research Experience (3, max. 6)
Provides opportunities to complete collaborative statistics projects within a structured course. Prerequisite: a

minimum grade of 2.0 in either TSTAT 336, TSTAT 422, or TSTAT 430.
View course details in MyPlan: TSTAT 495

UNIVERSITY STUDIES

T UNIV 101 Introduction to Interdisciplinary Study (2)
Credit/no-credit only.
View course details in MyPlan: T UNIV 101

T UNIV 110 Introduction to Educational Equity and College Access (2)
Focuses on issues of educational inequity and college access. Prepares students to work with youth by critically examining the educational and psychological literature on first-generation college students. Offered: jointly with T CORE 110; AWSp.
View course details in MyPlan: T UNIV 110

T UNIV 190 Undergraduate Seminar for Success in STEM (1, max. 6)
Supports student success via a weekly seminar, group mentoring and workshop experience for students interested in STEM majors, strengthening student's campus networks, academic skills, and community. Credit/no-credit only.
View course details in MyPlan: T UNIV 190

T UNIV 200 The Social-Digital: Tools and Activism for the 21st Century (2)
This course explores technologies of political and social change. The course examines crowd-sourced actions of micro-lending and internet petitions, as well as collectives that operate via the dark web. The student will learn to create online identities as well as articulate the power of social tools for professional good. Offered: AWSp.
View course details in MyPlan: T UNIV 200

T UNIV 250 Husky Success Quest (2)
Students discover their talents, define their own unique paths, and learn how to develop and apply their strengths for academic, personal, and career success. Engages in an exploration of purpose and perspective with opportunities to interact with campus and community leaders.
View course details in MyPlan: T UNIV 250

WOMEN STUDIES

T WOMN 101 Introduction to Women's Studies (5) SSc, DIV
Surveys the roles and status of women in the US; the process of gender socialization; the intersection of gender with identities such as race, class, and sexual orientation; the history and experience of women; and feminist theory and practice.
View course details in MyPlan: T WOMN 101

T WOMN 205 Introduction to Masculinities (5) SSc
Examines the key concepts of masculinities studies, analyzes the roles that men adopt, and explores how these roles are implicated in the development of male identity. Also explores the diversity of masculinities within American society.
View course details in MyPlan: T WOMN 205

T WOMN 211 Women in Science (5) SSc, DIV
Examines the contribution of women in science and technology throughout history and the impact these women have made on society. Emphasizes the effects of institutions, work, family, and mentors on the

development of women in science and technology. Course overlaps with: BST 205.
View course details in MyPlan: T WOMN 211

T WOMN 250 Seminar in Service Learning: A Feminist Approach (5) SSc
Introduces students to a variety of different Tacoma agencies and requires them to participate in service projects that connect feminist theory to work being done in the community by local organizations. Uses blogs, wikis, and other new media to facilitate online reflection and class discussion.
View course details in MyPlan: T WOMN 250

T WOMN 251 Popular Culture and Gender (5) SSc, DIV
Introduces the ways in which masculinity and femininity are produced through popular culture. Analyzes cultural product such as movies, advertisements, images, books, toys, etc. to understand how gender is constructed, how these constructions become cultural norms, and how these popular assumptions about gender impact our own lives.
View course details in MyPlan: T WOMN 251

T WOMN 302 Research Methods in Women Studies (5) SSc
Explores appropriate research methodologies for interdisciplinary work in women studies. Examines current debates and issues in feminist methodologies and critiques of methodology. Use of historical documents and theoretical texts. Computer applications in research in women studies. Course equivalent to: GWSS 302. Course overlaps with: BISGWS 301. Prerequisite: either T WOMN 101, T WOMN 205, or T EGL 101.
View course details in MyPlan: T WOMN 302

T WOMN 345 Women and Work in the United States (5) SSc
Studies the fundamental changes and continuities in women's work lives in the context of U.S. economic development. Examines multiplicity and diversity of women's work contributions, both paid and unpaid. Highlights both the commonalties among women's work experiences and the differences with regard to life-cycle stage, occupation, and race/ethnicity.
View course details in MyPlan: T WOMN 345

T WOMN 347 History of Women in the United States (5) SSc
Surveys the history of women in the United States from the 1600s to the present. Explores social, political, and economic forces that have shaped women's lives, and the diversity of women's experiences rooted in class, race, and ethnicity. Considers the contributions of women's history to the larger discipline of history.
View course details in MyPlan: T WOMN 347

T WOMN 420 Women in the Global Economy (5) SSc
Explores impact of "modernization" and "development" on status and roles of women in selected Western and non-Western societies. Critical analysis of assumptions about women's responses to social change which have guided research, development planning. Examines cultural practices, economic arrangements, government policies to understand opportunities and obstacles confronting women in developing countries today.
View course details in MyPlan: T WOMN 420

T WOMN 434 Women's Voices: Transnational Testimonials (5) SSc
Explores the "testimonials" of women from selected regions in Africa, the Middle East, and Latin America. Examines women's voices in testimonial, autobiographical, biographical, ethnographic, and fictional literature. Discusses historical and sociological significance of women's '"testimonials'. Explores issues of race/ethnicity, class, and gender.
View course details in MyPlan: T WOMN 434

T WOMN 455 Contemporary Theories in Gender and Sexuality Studies (5) SSc, DIV
Examines contemporary and influential theories in gender-sexuality studies. Delves into feminist theory and the production of knowledge to consider the history of different schools of thought including emergent theories to challenge prevailing ways of thinking and theorizing gender studies and consider its political, social, and cultural legacies. Recommended: T WOMN 101 or T EGL 101.
View course details in MyPlan: T WOMN 455

T WOMN 460 Men, Masculinities, and Emotions (5) SSc
Explores the myths and realities of the emotions of men. Analyzes theories and research that illuminate how men experience and perform emotions through the lens of masculinities studies and various social science disciplines. Identities implications for the psychosocial health of men and women.
View course details in MyPlan: T WOMN 460

WRITING INSTRUCTION

TWRT 101 Writing Ready (2)
Provides a foundation in college-level writing before enrolling in Introduction to Academic Writing and the first-year program. Introduces reading and composing skills needed for successful writing in academic settings, including close readings, critical thinking, and writing in response to others' ideas.
View course details in MyPlan: TWRT 101

TWRT 111 Discourse Foundations (2, max. 8)
Helps improve academic writing skills by focusing on students' own writing practices. Teaches reading skills to comprehend and analyze complex texts, review and analyze grammar structures as they appear in academic writing, and build advanced vocabulary. Prerequisite: either TWRT 120, TWRT 121, or TCORE 101; must be taken concurrently . Credit/no-credit only.
View course details in MyPlan: TWRT 111

TWRT 120 Academic Writing I (5)
Introduces principles of argument, critical thinking, reflection, analytical reading, writing, and research practices needed for academic writing. Covers skills for managing the writing process and how to transfer learning to other disciplinary contexts for writing as part of first of a two-course sequence. Course equivalent to: B WRIT 132. Prerequisite: completion of Tacoma Writing Selection survey. Credit/no-credit only. Offered: AW.
View course details in MyPlan: TWRT 120

TWRT 121 Academic Writing II (5) C
Reinforces and engages more deeply with principles of argument, critical thinking, reflection, analytical reading, writing, and research practices needed for academic writing. Covers skills for managing the writing process and how to transfer learning to other disciplinary contexts for writing as second part of a two-course sequence. Course equivalent to: B WRIT 133. Prerequisite: TWRT 120. Offered: WSp.
View course details in MyPlan: TWRT 121

TWRT 200 Introduction to Creative Writing (5) A&H
Introduces several genres and explores the creative writing process and terminology of imaginative expression. Course overlaps with: TWRT 201.
View course details in MyPlan: TWRT 200

TWRT 201 Creative Writing in the Global Context (5) A&H
Introduces fundamentals of Prose and Poetry writing and explores the creative writing process and terminology of imaginative expression within international contexts. Emphasizes the importance of local and global audiences in shaping literary arts through Collaborative Online International Learning (COIL) projects in

partnership with students and faculty at international universities. Course overlaps with: TWRT 200.
View course details in MyPlan: TWRT 201

TWRT 211 Argument and Research in Writing (5) C
Focuses on writing critical analyses of texts in the arts and sciences. Emphasizes close reading, critical thinking, and developing well-supported arguments as well as advanced library research skills. Stresses managing the writing process so that good work can be produced within given time constraints. Prepares students for upper-division writing tasks. Course overlaps with: BIS 290.
View course details in MyPlan: TWRT 211

TWRT 270 Poetry Writing (5) A&H
Introduces students to the craft and process of poetry writing from initial draft to advanced revision. Explores current writing styles, poetic forms, and various aesthetic issues. Students discuss craft, assigned writings, and share work with other class members.
View course details in MyPlan: TWRT 270

TWRT 274 Spoken Word Poetry (5) A&H, DIV
Introduces students to creating spoken word performances and studying spoken word and slam poetry by analyzing its composition, performance, and social and historical contexts. Develops critical studies relevant to the U.S. rooted in social theories of race, gender, ethnicity and disability, and concepts related to inequality and exclusion.
View course details in MyPlan: TWRT 274

TWRT 280 Fiction Writing (5) A&H
Introduces the process and techniques of fiction writing. Readings familiarize students with various writing styles and strategies of other writers. Students discuss craft, the assigned readings, and share work with other class members.
View course details in MyPlan: TWRT 280

TWRT 287 Creative Nonfiction Writing (5) A&H
Builds narrative and descriptive skills in several genres of creative nonfiction, including the personal essay, feature articles for general trade magazines, or the literary essay. Includes reading of models and writers' workshops to provide feedback on drafts.
View course details in MyPlan: TWRT 287

TWRT 291 Technical Communication in the Workplace (5) C
Teaches objective-oriented and audience-centered communication for the workplace, while focusing on key genres of technical communication - reports, proposals, manual, and document design - essential for success in the professional world. Prerequisite: a minimum grade of 2.0 in either T CORE 101, TWRT 112, TWRT 121, or TWRT 211.
View course details in MyPlan: TWRT 291

TWRT 292 Power, Privilege, and Bias in Technology Design (5) DIV
Explores how design and technology are shaped by social, political, cultural and material forces and can contribute to social change, reduce inequality and achieve equity. Focuses on technology as a tool of oppression and liberation in regards to identity categories such as ethnicity, race, age, class, gender, sexuality, and ability. Prerequisite: a minimum grade of 2.0 in either T CORE 101, TWRT 121, TWRT 211, ENGL 131, or ENGL 141.
View course details in MyPlan: TWRT 292

TWRT 320 Rhetoric, Public Life, and Civic Engagement (5)
Introduces rhetorical criticism by examining how particular rhetorical theories and traditions have been applied to specific social issues. Explores the development of rhetoric, as both a theory and a practice, and how those at the margins of the Western rhetorical tradition have worked to expand its purview.
View course details in MyPlan: TWRT 320

TWRT 330 Written and Visual Rhetoric (5) A&H
Explores the principles and practices of written and visual rhetoric to learn to employ both effectively in print-based and electronic texts. Prerequisite: minimum grade of 2.0 in TWRT 211.
View course details in MyPlan: TWRT 330

TWRT 331 Writing in the Natural Sciences (5) A&H, C
Studies communications and rhetorical principles for sharing scientific knowledge in professional meetings with other scientists and with general audiences. Focuses on three most common genes: scientific paper (including literature review and abstract writing), research proposal, and scientific poster. Prerequisite: a minimum grade 2.0 in either TWRT 211 or TWRT 291.
View course details in MyPlan: TWRT 331

TWRT 333 Writing Through Comics (5) A&H
Introduces a critical perspective on comics and builds skills in creative writing and rhetoric studies. Focuses on theory and craft, providing a lens for interpretation and application, employing workshops for students to create (and revise) their own comics. Prerequisite: minimum 2.0 grade in either T CORE 101, TWRT 112, TWRT 121, TWRT 211 or ENGL 131.
View course details in MyPlan: TWRT 333

TWRT 340 Asian American Rhetorics, Literacies, and Activism (5) DIV
Explores rhetorical and literacy practices of diverse Asian Americans and analyzes the role of language in Asian American activism across time and space. Develops skills in rhetorical analysis and multimodal composition. Prerequisite: a minimum grade of 2.0 in either T CORE 101, TWRT 112, TWRT 121, TWRT 211, ENGL 121, ENGL 131, ENGL 141, or ENGL 182; recommended: TWRT 211 or T SOC 270.
View course details in MyPlan: TWRT 340

TWRT 350 Principles of User Centered Design (5) SSc
Explores the philosophy and process for developing solutions to design problems, including technical systems such as software applications and communication projects such as websites. Develops skills to identify and solve design problems through research, testing, and analysis.
View course details in MyPlan: TWRT 350

TWRT 353 User Experience Writing (5)
Explores the concept of writing as a design practice and process used to solve problems for users through a human-centered design process. Develops skills to research and write for inclusive user experiences, including the ability to understand and address implicit bias through strategic use of tone, voice, and language. Prerequisite: either T CORE 101, TWRT 121, TWRT 211, or TWRT 291.
View course details in MyPlan: TWRT 353

TWRT 355 Usability Testing and Research (5) SSc
Explores the concept of usability and research methods related to the evaluation of information and communication products as part of the user-centered design process. Develops skills to design and conduct usability studies, analyze results, and make recommendations. Prerequisite: TWRT 291.
View course details in MyPlan: TWRT 355

TWRT 360 PLAYWRITING (5) A&H
Introduces foundational skills in playwriting and writing for the stage including reading of scripts and analyses of produced plays to develop awareness of the playwright's process and position in theater productions. Employs workshops to provide feedback on drafts as students write and refine scripts. Course overlaps with: DRAMA 441.
View course details in MyPlan: TWRT 360

TWRT 362 Writing and War (5) A&H/SSc
Introduces students to the practice of multi-genre creative writing in the context of war. Emphasizes the writing of witness and explores the cultural impact of violent conflict in poetry and prose. Discusses writing as an act of peace and requires students to develop creative writing techniques in multiple genres.
View course details in MyPlan: TWRT 362

TWRT 364 Food Writing for Cultural Exploration (5) A&H, DIV
Examines the construction of cultural identity through the craft and structure of writing food-focused narratives. Using Latinx and Ethnic American interdisciplinary texts, students will evaluate the intersectional nature of race/ethnicity, gender, and socioeconomics in food traditions. These texts will be used as models for the creation of original content in poetry and prose.
View course details in MyPlan: TWRT 364

TWRT 365 Literary Editing and Publishing (5) A&H
Explores practices of literary editing, magazine design, and literary small press publishing. Readings examine history, aesthetics, funding, promotion, layout, and other issues faced by literary journals in print and in emerging online media. Student assignments reflect practices of literary editors. Credit/no-credit only.
View course details in MyPlan: TWRT 365

TWRT 372 Writing Eco-Poetry (5) A&H
Introduces the practice of poetry writing within the context of nature and eco-writing. Develops skills to read, analyze, and respond to seminal works of nature poems, eco-poems, and critical essays from Romanticism to contemporary poetry, then create, workshop, and revise original nature and eco-poems.
View course details in MyPlan: TWRT 372

TWRT 382 WRITING POPULAR FICTION (5) A&H
Teaches students to write popular fiction. Explores questions of narrative, characterization, action, form, formula, and code in popular genres. Uses primary and secondary texts to study mystery, romance, spy thriller, western, horror, and science fiction. Emphasizes peer review, revision, assessment, and reflection as methods of producing excellent written work.
View course details in MyPlan: TWRT 382

TWRT 384 WRITING HISTORICAL FICTION (5) A&H
Builds upon foundations skills in fiction writing and introduces elements essential to writing historical fiction, including research. Includes readings from creative and historical texts and employs workshops to provide feedback on drafts as students write and revise their own short stories. Prerequisite: either TWRT 200, TWRT 280, TWRT 380, or TWRT 382.
View course details in MyPlan: TWRT 384

TWRT 388 Writing for Social Change (5) A&H
Examines the rhetorical force of various forms of communication within specific social, political, and cultural contexts. Building on research and writing completed in other courses, students compose a project demonstrating their learning and which is intended for public audiences.
View course details in MyPlan: TWRT 388

TWRT 389 Nature Writing (5) A&H
Introduces students to the skills of creative non-fiction writing within the context of nature and environmental writing. Students read, analyze, and respond to seminal works of nature essays and environmental essays, as well as eco-critical writing, then create, workshop, and revise their own original nature and environmental essays.
View course details in MyPlan: TWRT 389

TWRT 391 Advanced Technical Communication (5) A&H
Explores Technical Communication concepts and skills to inform the creation of information across a variety of genres. Focuses on researching, creating, and delivering information through written and oral communication forms used in professional and technical settings. Prerequisite: TWRT 291
View course details in MyPlan: TWRT 391

TWRT 420 Rhetoric and the City: Composing Urban Landscapes (5) SSc
Examines cites through an interdisciplinary lens, as texts that can be read, revised, and re-written as/through symbolic action. After reading and discussing critical theory about space and place, students conduct place-based research in preparation to compose critical essays, narratives, and visuals depicting specific experiences related to the city. Prerequisite: either T CORE 101, TWRT 112, TWRT 121, TWRT 211, ENGL 131, or ENGL 141; recommended: TWRT 320, TWRT 330, TWRT 340, or TWRT 388. Offered: Sp.
View course details in MyPlan: TWRT 420

TWRT 440 Cross-Cultural Communication Design (5) SSc
Examines issues that affect communication from global and local perspectives including the role culture and technology play in human interactions. Discusses the research and practices that writers and designers need to consider when internationalizing and localizing information products. Explores techniques and skills to develop effective communication products.
View course details in MyPlan: TWRT 440

TWRT 450 Principles of Accessible Design (5) SSc
Explores accessibility barriers, standards, and guidelines for designing products and processes such as self-service kiosks and websites. Develops skills to solve accessibility problems through video ethnographies of barriers, apply automated and adaptive technology tools for testing and analyze data for devising solutions. Prerequisite: either TWRT 291, TWRT 350, TWRT 355, TWRT 440, TCOM 320, or TCOM 420.
View course details in MyPlan: TWRT 450

TWRT 464 Teaching Writing (5) A&H
Studies theories and practices of writing education and the history and challenges of writing assessment. Explores learning communities. Emphasizes pedagogical questions of social class, ethnicity, multilingualism, gender, sexual orientation, disability, and nationality. Prerequisite: minimum grade of 2.0 in either TWRT 211 or TWRT 272.
View course details in MyPlan: TWRT 464

TWRT 470 Advanced Poetry Writing (5, max. 10) A&H
Builds upon foundational skills in writing both traditional and contemporary poetry. Includes reading of models and writers' workshops to provide feedback on drafts. Students develop a portfolio of polished writing by the end of the course. Prerequisite: minimum grade of 2.0 in either TWRT 270 or TWRT 372.
View course details in MyPlan: TWRT 470

TWRT 480 Advanced Fiction Writing (5, max. 10) A&H
Builds upon foundational skills in fiction writing such as dialog, narration, theme, language, and character. Includes reading of models and writers' workshops to provide feedback on drafts. Students develop a portfolio

of polished writing by the end of the course. Prerequisite: minimum grade of 2.0 in either TWRT 280, TWRT 380, TWRT 382, or TWRT 384.
View course details in MyPlan: TWRT 480

TWRT 487 Advanced Creative Nonfiction (5, max. 10) A&H
Builds on beginning creative nonfiction skills in several genres: personal or lyric essay, literary journalism, the nonfiction "short", or prose poetry. Includes reading of models and writers' workshops to provide feedback on drafts. Students develop a portfolio of polished writing by the end of the course. Prerequisite: TWRT 287 or TWRT 389.
View course details in MyPlan: TWRT 487

TWRT 492 Special Topics in Rhetoric and Composition (5, max. 10) SSc
Introduces students to current and emergent conversations in the fields of/at the intersection of rhetoric, composition, literacy studies, and technical communication. The content of specific sections to be determined by individual faculty in Writing Studies in reflection of their research and scholarly interests. Sections may also reflect new directions in research methods and pedagogical approaches. Prerequisite: either T CORE 101, TWRT 112, TWRT 121, TWRT 211, ENGL 131, or ENGL 141. ; recommended: TWRT 320, TWRT 330, TWRT 340, or TWRT 388. Offered: Sp.
View course details in MyPlan: TWRT 492

TWRT 499 Advanced Topics in Creative Writing (1-5, max. 15) A&H
Builds on beginning creative writing skills. Includes reading of models and writers' workshops to provide feedback on drafts. Students work on developing a portfolio of published writing. Prerequisite: either TWRT 270, TWRT 280, or TWRT 287.
View course details in MyPlan: TWRT 499

School of Nursing & Healthcare Leadership

HEALTH

T HLTH 215 Innovation, Wireless and Digital Healthcare (5) SSc
Explores technology's role in healthcare delivery. Introduces the US healthcare system, technology in healthcare organizations, remote-based technologies, appropriate use of technology, barriers to healthcare access for marginalized communities, and technology's role in removing barriers.
View course details in MyPlan: T HLTH 215

T HLTH 285 Introduction to Global Health (5) SSc
Introduces the broad field of global health. Explores how global health involves sociocultural, economic, and geo-political factors that affect the health of individuals and communities both locally and around the world. Course equivalent to: G H 101/GEOG 180/JSIS B 180. Course overlaps with: B HLTH 201.
View course details in MyPlan: T HLTH 285

T HLTH 290 Special Topics in the Foundations of Health (3-5, max. 10)
Explores current topics in health and describes factors contributing to selected health problems and steps to maintain health.
View course details in MyPlan: T HLTH 290

T HLTH 310 Health, Illness, and Society (5) SSc, DIV
Introduction to societal factors influencing health both locally and globally, utilizing perspectives from diverse disciplines. Examines topics such as the social construction of health and illness, the meaning of health and illness in cultural context, the social determinants of health, and issues in health care delivery and access.
View course details in MyPlan: T HLTH 310

T HLTH 320 Promoting Health Through Social Marketing (5) SSc
Examines strategies to promote health both locally and globally. Covers social marketing principles. Applies a range of social marketing techniques to develop a campaign to promote health at a population level. Course overlaps with: NURS 211.
View course details in MyPlan: T HLTH 320

T HLTH 325 Medical and Ethical Issues in Literature and Culture (5) A&H
Examines various medical and bioethical issues through the lens of literature. Explores the role of technology, illness and culture, and end-of-live issues. Offered: jointly with T LIT 325.
View course details in MyPlan: T HLTH 325

T HLTH 330 Representations of Adolescents in Film (5) A&H
Interprets and critiques images of adolescent issues in film; compares images, sounds, settings, and plot of film; promotes willingness to investigate commonplace assumptions versus evidence of health risks portrayed cinematically.
View course details in MyPlan: T HLTH 330

T HLTH 340 Addiction, Mental Health and Mental Illness in Film and Media (5) A&H
Examines how addiction, mental illness and mental health are represented in films, TV and other visual media in the context of social issues. Utilize current research to critique these portrayals. Explore how the cinematic elements shape the public perceptions.
View course details in MyPlan: T HLTH 340

T HLTH 355 HIV/AIDS: Global and National Issues (5) SSc
Examines historical and contemporary issues related to HIV/AIDS from local, national, and global perspectives. Focuses on HIV/AIDS among vulnerable populations worldwide, prevention efforts, history of the pandemic, treatment protocols and advances, and psychological impacts on both infected and affected individuals. Course overlaps with: TSOCWF 355 and B HLTH 413.
View course details in MyPlan: T HLTH 355

T HLTH 372 Environmental Health: Local to Global (5) SSc
Examines environmental factors that influence human health including physical, social, cultural, economic, and political factors. Address environmental factors at home (lead, radon) in work settings (occupational health and safety), the community (pesticides, air pollution), and in the global context (population dynamics, global warming).
View course details in MyPlan: T HLTH 372

T HLTH 405 Photovoice and the Art of Documentary Photography: An Aesthetic Lens on Human Health (5) A&H
Describes the ways photovoice and other forms of documentary photography depict conditions in which people strive to exist. Examines the physical, depictive, mental aesthetic of documentary photography and activism for health.
View course details in MyPlan: T HLTH 405

T HLTH 410 Environmental Equity (5) SSc
Explores relationships between environmental issues and people of color and low-income communities from both local and global perspectives. Emphasizes issues of race/ethnicity, socioeconomic status, and policy and politics in environmental equity. Offered: jointly with T URB 410.
View course details in MyPlan: T HLTH 410

T HLTH 412 Applying Positive Psychology to Health Promotion (5) SSc
Evaluates role of positive emotions and behaviors in promoting health and wellness. Examines theories of emotions, strategies to measure positive emotions, relationship between positive emotions and health outcome, and role of culture and positive emotions in well-being. Examines forgiveness, mindfulness, optimism, gratitude, happiness, and compassion.
View course details in MyPlan: T HLTH 412

T HLTH 415 Representations of Health Policy and Ethics in Film (5) A&H
Examines contemporary conflicts about health and health care using films. Films used as a means of displaying and exploring the competing images of bodies, policies, workers, and institutions used to frame and personify these debates. Films supplemented by readings in film analysis, literature, narrative ethics, and health policy.
View course details in MyPlan: T HLTH 415

T HLTH 420 Holistic Health (5)
Examines the economic, social and cultural conditions that support the growth of holistic nursing. Discusses relevant research and practice issues of selected methods of complementary/alternative healing.
View course details in MyPlan: T HLTH 420

T HLTH 430 Adolescent Health in Context (5) SSc
Provides an overview of adolescent health in the United States and examines current issues in adolescent health research. Addresses a matrix of adolescent health contexts such as historical constructions of adolescence, politics, race/ethnicity, class, gender, culture, sexuality, school, neighborhood, family, and peer groups.
View course details in MyPlan: T HLTH 430

T HLTH 440 Business of Health Care (5)
Explores the forces driving the changes in the evolving U.S. healthcare system to include resource allocation and cost-containment strategies. Emphasizes the examination of key economic concepts, e.g., outputs, supply, demand, and markets as they relate to the healthcare industry. Course overlaps with: BHS 305.
View course details in MyPlan: T HLTH 440

T HLTH 455 Knowing Health and Illness Through The Arts (5) A&H
Analyzes how life, health, and wellness, as well as illness, suffering, and death are depicted in literature, poetry, music, photography, and sculpture. Examines how the power of the aesthetic experience of the arts facilitates the cultural understandings of health and illness.
View course details in MyPlan: T HLTH 455

T HLTH 465 Integrative Health and Wellness Coaching (5)
Examines integrative health and wellness coaching partnership to assist clients to identify and achieve health goals. Focuses on prevention across the wellness-illness continuum, health lifestyle, and integrative modalities.
View course details in MyPlan: T HLTH 465

T HLTH 470 Challenges and Controversies in US Health Care (2-5, max. 5) SSc
Explores public and private forums in which health policy is formulated and within which the politics of heath care operate. Examines a range of contemporary issues in U.S. health care and the legislative and political mechanisms that shape those issues.
View course details in MyPlan: T HLTH 470

T HLTH 475 Aging Explored through the Arts (5) A&H
Explores the critical issues arising in aging: physical, emotional, and spiritual through the lens of the arts. This exploration will be framed by a narrative approach that allows for the understanding our lives as a developing story that is reflected in and understood through the arts.
View course details in MyPlan: T HLTH 475

T HLTH 480 Death and American Society (5) A&H/SSc
Examines the social, cultural, and psychological aspects of death, loss, and grief. Presents a multi-disciplinary approach to death in American society, integrating theory and research with clinical data and personal experiences. Topics include cultural rituals around death, loss and grief, dying as a personal experience, and ethical issues around death.
View course details in MyPlan: T HLTH 480

T HLTH 485 Critical Issues in Global Health (5) SSc
Introduces principles of global health and the socio-cultural, economic, and geo-political frameworks used for understanding global health problems. Covers patterns of major diseases and health problems of global importance along with strategies for responding to them. Identifies key institutions and non-governmental organizations that contribute to global health promotion and policies
View course details in MyPlan: T HLTH 485

T HLTH 490 Special Topics (2-5, max. 15)
Advanced course offerings to respond to faculty and student interests and needs.
View course details in MyPlan: T HLTH 490

T HLTH 498 Special Project in Health (1-12, max. 12)
Further development, critical examination, and synthesis of healthcare in a specialized setting.
View course details in MyPlan: T HLTH 498

T HLTH 499 Undergraduate Research (1-5, max. 12)
Supervised individual research on a specific health issue.
View course details in MyPlan: T HLTH 499

T HLTH 511 INTRODUCTION TO EPIDEMIOLOGY (3-4)
Provides an introduction to epidemiologic methods and concepts, as used in public health practice and research. Examines documentation of variation in disease occurrence in different populations, rates and their uses to infer varying degrees of causality, bias, and study design.
View course details in MyPlan: T HLTH 511

T HLTH 520 Health and Human Rights (3)
Examines the links between health and human rights. Considers how violations of human rights affect the health of populations across the globe, as well as actions that can be taken to improve health and human rights.
View course details in MyPlan: T HLTH 520

T HLTH 590 Independent Study (1-6, max. 6)
Faculty supervised independent study, readings and special projects for graduate students as developed through faculty-student agreement
View course details in MyPlan: T HLTH 590

HEALTHCARE LEADERSHIP

THLEAD 310 Health, Illness, and Society (5) SSc, DIV
Introduces societal factors influencing health at the local and global levels; uses perspectives from diverse disciplines. Examines topics such as the social construction of health and illness; the meaning of health and illness in cultural contexts; the social determinants of health; and topical concerns in healthcare delivery and access.
View course details in MyPlan: THLEAD 310

THLEAD 350 Critical Analysis and Writing (5)
Focuses on principles of critical analysis, critical reading skills, acquiring peer reviewed research, and developing skills in written and oral communication. Applies critical analysis and writing to health related issues.
View course details in MyPlan: THLEAD 350

THLEAD 360 Healthcare Leadership Strategies (5) SSc
Emphasizes essential healthcare leadership competencies by focusing on communication, collaboration, change mastery, and conflict resolution. Provides essential theoretical leadership foundation and review evidence for specific leadership style. Provides opportunity to discover one's own leadership abilities with respect to each of the discussed competencies.
View course details in MyPlan: THLEAD 360

THLEAD 380 Healthcare Budgetary Analysis and Financial Decision Making (5) SSc
Focuses on budgets commonly encountered in healthcare including operating and capital budgets. Provides methods to analyze financial status including productivity measures, variance analysis, break-even analysis, and evaluation of financial documents as well as introduction to cost effectiveness and cost/benefit analysis strategies. Examines insurance as a revenue source in healthcare budgets. Prerequisite: a minimum grade of 2.0 in either THLEAD 350 or T NURS 350.
View course details in MyPlan: THLEAD 380

THLEAD 403 Introduction to Research in Healthcare (5)
Describes the systematic steps of the research process and provides an overview of healthcare research design. Discusses ethical concepts related to healthcare research. Emphasizes how to use research findings to guide evidence based practice. Course overlaps with: T NURS 403. Prerequisite: THLEAD 350.
View course details in MyPlan: THLEAD 403

THLEAD 405 Health Informatics I: Fundamentals (5)
Introduces core concepts, standards, and regulations of health informatics. Examines design and use of health informatics solutions. Considers influences of medicine, computer science, nursing, public health, patients, individuals and communities on informatics.
View course details in MyPlan: THLEAD 405

THLEAD 406 Health Informatics II: Health Data Analytics (5) NSc
Introduces students to the acquisition, use, storage, and analysis of data in healthcare. Describes influences of selected factors on purposeful use of data. Prerequisite: THLEAD 405; either THLEAD 403 or T NURS 403.
View course details in MyPlan: THLEAD 406

THLEAD 407 Diversity, Health, and Inequities (3/5) SSc, DIV
Focuses on issues of diversity, social determinants of health, and social justice. Uses intersectionality to explore forms of oppression on markers of difference such as race, class, and gender. Analyzes the influence of structural forces on individuals, historically marginalized groups, and the greater society. Course overlaps with: NURS 211 and B NURS 421. Offered: jointly with T NURS 407.
View course details in MyPlan: THLEAD 407

THLEAD 410 Ethical Issues in Healthcare (5) SSc
Identifies ethical issues relevant to healthcare and the profession of nursing. Identifies, describes, and analyzes multiple ethical perspectives, selected ethical dilemmas relevant to professional practice, the delivery of health care, and the health of individuals and populations. Course overlaps with: T PHIL 270 and B NURS 423. Offered: jointly with T NURS 410.
View course details in MyPlan: THLEAD 410

THLEAD 415 Principles of Organizational Behavior (5)
Examines how individual and group behavior within healthcare settings impacts organizational effectiveness. Analyzes motivational strategies and team dynamics to improve collaboration and performance. Addresses organizational change processes, preparing students to lead and adapt in complex, evolving healthcare systems.
View course details in MyPlan: THLEAD 415

THLEAD 420 Healthcare Accreditation and Legal Issues (5) SSc
Examines critical accreditation and legal issues commonly occurring in healthcare organizations. Focuses on specific accreditation processes and quality issues. Examines patient privacy, access and consent requirements, security requirements, safety challenges, organizational legal issues, and personnel legal issues. Prerequisite: a minimum grade of 2.0 in either THLEAD 350 or T NURS 350.
View course details in MyPlan: THLEAD 420

THLEAD 430 Interpersonal Communication (1-3, max. 3) SSc
Addresses communication skills, patterns, and practices. Examines nonverbal and verbal modes of communication. Explores communicating in a variety of contexts' pertinent to healthcare; for example, cultural, personal, professional, group, conflict, and leadership. Applies conceptual models in interpersonal processes. Offered: jointly with T NURS 430.
View course details in MyPlan: THLEAD 430

THLEAD 460 Personnel Management in Healthcare (5)
Focuses on personnel management topics relevant to healthcare managers/leaders. Examines issues related to recruiting, hiring, orienting, developing, and evaluating healthcare personnel. Explores personnel management labor laws and collective bargaining requirements.
View course details in MyPlan: THLEAD 460

THLEAD 480 Healthcare Leadership Fieldwork (5)
Applies leadership theory and communication strategies in a healthcare work setting, by demonstrating professional behaviors and accountability. Describes and responds to ethical dilemmas encountered by healthcare leaders. Prerequisite: THLEAD 350; THLEAD 360; THLEAD 380; THLEAD 403; T NURS 407/THLEAD 407; THLEAD 420; AND T HLTH 440.
View course details in MyPlan: THLEAD 480

THLEAD 496 Internship (1-10, max. 10)
Engages in experiential learning through an internship. Applied academic knowledge to begin to develop competencies in healthcare leadership role.
View course details in MyPlan: THLEAD 496

NURSING

T NURS 340 Clinical Nursing Phenomena (3)
Examines selected clinical phenomena from the perspective of a range of human responses to life events and alterations in health status and illness. Identifies relationships of selected nursing therapies in treating human responses and the influence of life span and socio-cultural factors.
View course details in MyPlan: T NURS 340

T NURS 345 Genetics, Genomics, and Nursing Practice (1)
Focuses on the role of genetics and genomics in health, patient care, and nursing practice.
View course details in MyPlan: T NURS 345

T NURS 350 Critical Analysis and Writing (3)
Focuses on critical thinking and writing relevant to learning and practice in nursing and healthcare. Applies critical analysis to health-related issues.
View course details in MyPlan: T NURS 350

T NURS 360 Critical Analysis and Nursing Scholarship (5) RSN
Describes the systematic steps of scholarship and critical thinking for nursing and healthcare practice. Focuses on identifying evidence-based research, critical thinking and writing relevant to learning and practice in nursing and healthcare.
View course details in MyPlan: T NURS 360

T NURS 402 Families and Chronic Conditions across the Life Span (3) SSc
Examines families with chronic conditions across the life span. Reviews facilitators and barriers that promote or impede chronic care management by families. Focuses on family function, structure, process, and environmental context including support networks, community resources, and healthcare settings as they influence care outcomes.
View course details in MyPlan: T NURS 402

T NURS 403 Introduction to Research in Nursing and Healthcare (3) RSN
Describes the systematic steps of the research process. Introduces approaches, frameworks, and concepts used in investigating healthcare and nursing problems. Emphasizes integration of research findings related to

evidence-based healthcare and nursing practice. Course overlaps with: THLEAD 403. Prerequisite: either THLEAD 350 or T NURS 350; either T HLTH 305, TMATH 110, or one 100-300 level STAT course.
View course details in MyPlan: T NURS 403

T NURS 407 Diversity, Health, and Inequities (3/5) SSc, DIV
Focuses on issues of diversity, social determinants of health, and social justice. Uses intersectionality to explore forms of oppression on markers of difference such as race, class, and gender. Analyzes the influence of structural forces on individuals, historically marginalized groups, and the greater society. Course overlaps with: NURS 211 and B NURS 421. Offered: jointly with THLEAD 407.
View course details in MyPlan: T NURS 407

T NURS 410 Ethical Issues in Healthcare (5) SSc
Identifies ethical issues relevant to healthcare and the profession of nursing. Identifies, describes, and analyzes multiple ethical perspectives, selected ethical dilemmas relevant to professional practice, the delivery of health care, and the health of individuals and populations. Course overlaps with: T PHIL 270 and B NURS 423. Offered: jointly with THLEAD 410.
View course details in MyPlan: T NURS 410

T NURS 412 Health Care Systems (3)
Analyzes health care systems. Emphasizes U.S. healthcare system evolution, financing, quality, access, and technology.
View course details in MyPlan: T NURS 412

T NURS 414 Health, Communities, and Populations (5) SSc
Applies community and public health nursing principles to prevent disease and promote health. Addresses the importance of working collaboratively to facilitate community and population health. Prerequisite: T NURS 360.
View course details in MyPlan: T NURS 414

T NURS 420 Care Coordination and Person-Centered Care (5)
Provides introduction to person-centered care coordination and management. Examines issues and challenges in interprofessional collaboration across continuum of care for individuals and families. Explores the use of information technology to facilitate care coordination and management. Course overlaps with: B NURS 422.
View course details in MyPlan: T NURS 420

T NURS 430 Interpersonal Communication (1-3, max. 3) SSc
Addresses communication skills, patterns, and practices. Examines nonverbal and verbal modes of communication. Explores communicating in a variety of contexts' pertinent to healthcare; for example, cultural, personal, professional, group, conflict, and leadership. Applies conceptual models in interpersonal processes. Offered: jointly with THLEAD 430.
View course details in MyPlan: T NURS 430

T NURS 435 Nursing Leadership (3)
Emphasizes leadership styles, theories, and the role of nurses as organizational change agents and health policy advocates. Addresses team collaboration and conflict resolution.
View course details in MyPlan: T NURS 435

T NURS 440 Interprofessional Collaboration and Communication (5)
Focuses on interprofessional collaboration in the delivery of health services across systems of care. Explores frameworks for engaging in effective and professional communication with individuals, peers, and other health system stakeholders. Examines leadership role at individual and systems levels to improve equitable health

outcomes. Course overlaps with: B NURS 422.
View course details in MyPlan: T NURS 440

T NURS 450 Transition to Baccalaureate Education (1, max. 9)
Assists students with transition to baccalaureate education and with portfolio development. Provides opportunity for students to participate in a learning community. Credit/no-credit only.
View course details in MyPlan: T NURS 450

T NURS 451 Portfolio Completion (1)
Addresses progress towards meeting BSN program goals. Summarizes how completion of the BSN program has influenced current and future practice. Credit/no-credit only.
View course details in MyPlan: T NURS 451

T NURS 460 Leading Health Care System Quality and Safety (5)
Analyzes the organization of the U.S. health care system and emphasizes the multiple factors, structures, and data technologies that create the framework for the health care delivery system. Emphasizes nursing role as change agents and system leaders to advance equitable, safe, and quality health care interventions to diverse populations. Course overlaps with: B NURS 420.
View course details in MyPlan: T NURS 460

T NURS 497 Selected Topics in Nursing (1-12, max. 12)
Survey and discussion of current literature and topics in nursing. Seminar with analysis and discussion of selected topics and readings. May have clinical component. Emphasizes implications for nursing and health care.
View course details in MyPlan: T NURS 497

T NURS 498 Special Project in Nursing (1-12, max. 12)
Further development, critical examination, and synthesis of nursing care in a specialized setting. Increasing depth of clinical practice, including care to groups and communities as clients, applying leadership skills, assessing problems affecting quality health care delivery.
View course details in MyPlan: T NURS 498

T NURS 499 Undergraduate Research (1-5, max. 12)
Supervised individual research on a specific nursing problem.
View course details in MyPlan: T NURS 499

T NURS 503 Advanced Nursing Practicum I (3)
Provides students with a substantive practicum experience in their setting of interest. Assists students in delineating master's level nursing practice roles and applying theoretical concepts in a real-world context. Prerequisite: T NURS 510; T NURS 512; T NURS 527; T NURS 539; T NURS 551; and T NURS 554. Credit/no-credit only.
View course details in MyPlan: T NURS 503

T NURS 505 Advanced Nursing Practicum II (3)
Provides students with a substantive practicum experience in their setting of interest. Assists students in delineating master's level nursing practice roles and applying theoretical concepts in a real-world context. Prerequisite: T NURS 503; T NURS 510; T NURS 512; T NURS 527; T NURS 539; T NURS 551; and T NURS 554. Credit/no-credit only.
View course details in MyPlan: T NURS 505

T NURS 510 Ethical and Equitable Care (5)
Explores how socioeconomic, ecological, and global factors affect the health of individuals and populations, the delivery of health care, and disparities. Considers means through which health can be supported through the provision of ethical and equitable care. Evaluates the effectiveness and sustainability of partnerships, interventions, and policies for achieving health equity.
View course details in MyPlan: T NURS 510

T NURS 512 Facilitating Learning for Healthcare Practice (5)
Examines educational principles, technologies, theories, and evidence to guide the development of effective and equitable curricula and educational practices. Applies principles of planning, assessment, and evaluation to educational interventions in academic and healthcare delivery settings.
View course details in MyPlan: T NURS 512

T NURS 527 Healthcare Systems, Policy, and Improvement (5)
Focuses leading within complex systems to improve healthcare outcomes. Explores the role of health policies including the role of advocacy for improving practice and advancing equitable healthcare outcomes. Explores a variety of theories and methods to improve healthcare outcomes. Emphasizes the importance of interprofessional partnerships in the provision of safe, high-quality, compassionate and equitable care to diverse populations.
View course details in MyPlan: T NURS 527

T NURS 539 The Science and Art of Leading and Managing in Healthcare (5)
Uses the framework of ethical leadership to develop leadership skills. Explores strategic management, communication, and decision-making skills as tools to create a safe, healthy, just, diverse, equitable, and inclusive interprofessional learning and practice environment. Examines healthcare finance and strategies to address challenges of optimizing human and fiscal resources in a dynamic, changing healthcare environment.
View course details in MyPlan: T NURS 539

T NURS 548 Biopsychosocial Interventions for Advanced Nursing Practice (5)
Integrates an understanding of pharmacology, genetics/genomics/pharmacogenetics, and the cost of pharmacological interventions and other interventions in the facilitation of ethical, equitable, cost-effective financial and programmatic decision-making for advanced nursing practice in caring for individuals, families, and communities in the management of chronic diseases, infectious diseases, and disaster response.
View course details in MyPlan: T NURS 548

T NURS 551 Applying Research for Evidence-Based and Innovative Practice (5)
Analyzes conceptual, theoretical, and empirical knowledge as foundations for evidence-based practice. Examines methodological approaches to scholarly inquiry and the research process from problem identification through translation.
View course details in MyPlan: T NURS 551

T NURS 554 Healthcare Informatics, Quality, and Safety (5)
Uses informatics and healthcare technology to evaluate interventions and outcome data to inform decision-making to reduce health risks, improve access to care and health outcomes, and understand practice patterns. Describes health informatics tools and principles of learning used to teach patients and promote lifelong learning of care providers and others. Course overlaps with: B HLTH 540.
View course details in MyPlan: T NURS 554

T NURS 598 Scholarly Inquiry (6)
Focuses on principles of synthesis, translation, application, and dissemination of nursing knowledge to improve

health and advanced nursing specialty practice. Credit/no-credit only.
View course details in MyPlan: T NURS 598

T NURS 599 Selected Readings in Nursing Science (1-3, max. 18)
View course details in MyPlan: T NURS 599

T NURS 600 Independent Study or Research (*-)
Credit/no-credit only.
View course details in MyPlan: T NURS 600

T NURS 700 Master's Thesis (*-)
Credit/no-credit only.
View course details in MyPlan: T NURS 700

School of Social Work & Criminal Justice

CRIMINAL JUSTICE

T CRIM 101 Introduction to Criminal Justice (5) SSc
Examines the history, structure, operations, and problems with the American criminal justice system. Analyzes general and specific topics associated with the contemporary criminal justice system in order to develop a critical perspective on the nature of justice and society's response to criminal behavior.
View course details in MyPlan: T CRIM 101

T CRIM 155 Media, Crime, and Justice (5) SSc
Investigates interrelationships between crime, justice, and media. Explores representations of crime, systems-impacted individuals, victims, and criminal legal systems as portrayed by various forms of media. Considers the impacts of these portrayals on individuals and the larger culture. Examines how media inform and filter understandings of crime and justice.
View course details in MyPlan: T CRIM 155

T CRIM 156 War on Drugs: Crime and Justice (5) SSc
Investigates how policymaking, policing, legal, and carceral agencies articulate and execute the U.S. War on Drugs. Critically analyzes prohibition and enforcement, and examines the relationship between policy, mass incarceration, and inequality. Explores changing perspectives on and approaches to prohibition.
View course details in MyPlan: T CRIM 156

T CRIM 157 Miscarriages of Justice (5) SSc
Explores various types of miscarriages of justice in U.S. criminal legal systems, with significant focus on case studies of the wrongfully convicted and exonerated. Examines research conducted on the causes of wrongful convictions including eyewitness misidentification, flawed forensics, forced confessions, prosecutorial misconduct, ineffective assistance of counsel, and others.
View course details in MyPlan: T CRIM 157

T CRIM 158 U.S. Hate Crime and Organized Hate (5) SSc
Explores definitions and causes of bias-motivated crime in the U.S. and the individual, community, and social consequences of hate crime. Critically analyzes ideologies, recruitment, subcultures, tactics, and activities of organized hate movements, and examines formal legal and collective social efforts to confront hate crime and organized hate groups.
View course details in MyPlan: T CRIM 158

T CRIM 211 Cybercrime and Social Justice (5) SSc
Explores cybercrime through a social justice framework, evaluating how digital crimes disproportionately impact various groups and intersect with existing inequalities. Examines relationships between technology, law enforcement, and justice. Students will analyze approaches to cyber threats while considering equity, privacy, constitutional rights, and fairness in digital spaces.
View course details in MyPlan: T CRIM 211

T CRIM 222 United States Federal Law Enforcement (5)
Examines the structures, jurisdictions, and functions of federal law enforcement. Explores and assesses ethical and legal imperatives to balance civil liberty protections. Analyzes mandates to address national security and criminal activity within the United States and globally. Critically analyzes the actions of federal law enforcement through a social justice lens.
View course details in MyPlan: T CRIM 222

T CRIM 225 Diversity and Social Justice in Criminology (5) SSc, DIV
Explores definitions and implications of diversity and social justice theory. Applies principles of social justice to criminal justice contexts within the United States. Analyzes social positons in relation to relative privilege and power. Emphasizes experiential and reflective learning.
View course details in MyPlan: T CRIM 225

T CRIM 271 Introduction to the Sociology of Deviance and Social Control (5) SSc
Examines social constructions of norms and deviance, processes used to control deviance, the impact of societal responses to deviance, and cross-cultural variations. Analyzes why some behaviors, differences, and people are considered deviant while others are not. Discusses formal and informal responses to deviance including stigmatization, criminalization, and medicalization. Course equivalent to: SOC 271.
View course details in MyPlan: T CRIM 271

T CRIM 272 Restorative Justice (5) SSc
Explores the philosophical underpinnings of restorative justice (RJ) and its application in the context of harm-doing, both inside and outside of criminal legal systems. Analyzes the effectiveness, risks, and benefits of RJ practice for RJ stakeholders. Explores the potential to facilitate systems change.
View course details in MyPlan: T CRIM 272

T CRIM 275 White Collar Crime (5) SSc
Examines harms committed by states, agencies, corporations, and those in white-collar occupations. Explores social definitions, causes, and consequences of these offenses. Critically examines the social contexts that promote such violations, and explores social, legal, and community responses to white collar criminality.
View course details in MyPlan: T CRIM 275

T CRIM 276 Mass Shootings in the United States (5) SSc
Examines the causes and prevention of mass shootings in the United States. Analyzes social, cultural, psychological, and political factors that contribute to this phenomenon, and the impact of these events on individuals, communities, and society. Explores historical context, motivations, current trends, media coverage, legal and policy issues, and potential solutions.
View course details in MyPlan: T CRIM 276

T CRIM 277 Settler Colonial Crimes Throughout U.S. History (5) SSc
Explores the range of settler colonial crimes committed against Indigenous peoples throughout the U.S. and its territories. Analyzes the doctrines and ideologies enabling crimes. Examines damage through the perspectives of law, human rights, and social harm. Analyzes Indigenous philosophies and practices of resistance.
View course details in MyPlan: T CRIM 277

T CRIM 352 Women, Crime, and Justice (5) SSc
Explores the history, societal impact, and future of women within U.S. criminal legal systems. Focuses on factors that contribute to the involvement of women in the criminal legal system, including poverty, trauma, substance use, and major mental illness. The course explores promising and proven gender-responsive approaches for working with system-involved women.
View course details in MyPlan: T CRIM 352

T CRIM 360 Juvenile Delinquency and Society (5) SSc
Critically examines conceptions of youthful delinquency, looking at its causes, as well as the responses of the juvenile legal system. Analyzes historical and contemporary perspectives on delinquent behavior and explores current trends in juvenile legal system policy and practice, including prevention and intervention efforts.
View course details in MyPlan: T CRIM 360

T CRIM 361 Mental Health, Substance Use and the Criminal Justice System (5) SSc
Examines the intersection of mental health, substance use, and the criminal justice system. Focuses on the interaction of mental health and criminal justice practice. Explores the prevalence of mental health and substance use and best practices for treatment. Offered: jointly with TSOCWF 361.
View course details in MyPlan: T CRIM 361

T CRIM 362 Criminological Theory (5) SSc
Surveys the major schools of thought related to the causes of crime and criminalization, positions theories in their historical contexts, and discusses each perspective's assumptions about human nature. Outlines current debates and critiques of various schools of thought and explores the policy implications of each theoretical perspective.
View course details in MyPlan: T CRIM 362

T CRIM 363 The Criminalization of Immigration (5) SSc, DIV
Examines the criminalization of immigration in the United States and globally and the ways in which social institutions have implemented immigration policies. Analyzes the unintended consequences of criminalizing policies and practices. Explores psychosocial effects on the lives of diverse immigrants, their families, and ethnic minority communities. Offered: jointly with TSOCWF 363.
View course details in MyPlan: T CRIM 363

T CRIM 364 LGBTQ+ Persons, Crime, and Justice (5) SSc, DIV
Examines experiences of lesbian, gay, bisexual, transgender, queer (LGBTQ+) persons across criminal legal systems, the criminalization of queerness, and the historical impacts of policy and law. Scrutinizes discriminatory systems practices toward LGBTQ+ people with intersecting identities (race, class, gender, ability). Explores contemporary issues through critical theory and reflexivity.
View course details in MyPlan: T CRIM 364

T CRIM 365 Facing Harm: Victim Offender Dialogue (5) SSc
Examines the relationship between restorative justice theory and practice. Develops skills in facilitating several models of victim offender dialogue (VOD). Articulates the benefits and risks of VOD for justice stakeholders. Critically examines the effectiveness of VOD as a response to crime and violence. Cultivates a practitioner identity.
View course details in MyPlan: T CRIM 365

T CRIM 370 Police and Society (5) SSc
Examines the role of police within society through a social justice lens, emphasizing history, public perceptions, administration, organizational culture, and ethics. Examines contemporary concerns and controversies within law enforcement, such as use of force and issues of inequality. Surveys emerging practices in policing and examines alternative models for fostering safety.
View course details in MyPlan: T CRIM 370

T CRIM 371 Interpersonal Skills for the Justice Practitioner (5) SSc
Focuses on skills needed to establish relationships with systems-involved individuals, including victims, and understand their experiences within a wider social context. Develops skills in interpersonal communications, empathic and collaborative relationship-building, cultural humility, and values-based practice. Explores current models of individual and systemic change. Cultivates a holistic practitioner identity. Prerequisite: a minimum grade of 2.0 in T CRIM 225.
View course details in MyPlan: T CRIM 371

T CRIM 372 Punishment, Incarceration, and Society (5) SSc
Focuses on the history, structure, and role of punishment and incarceration in society. Explores different

theoretical justifications for punishment. Examines various practice and policy issues relevant to contemporary punishment and incarceration, including impacts on system-involved individuals, victims, and communities.
View course details in MyPlan: T CRIM 372

T CRIM 373 Criminal Evidence and Investigation (5) SSc
Examines crime detection, techniques for case management and documentation, the concept of proof, the impact of emergent technology on the investigative process, interacting with victims and witnesses, and interviewing suspects. Emphasizes the issues that arise during the investigation of crimes such as homicides, sex offences, child abuse, and hate crimes.
View course details in MyPlan: T CRIM 373

T CRIM 374 Human Trafficking (5) SSc
Examines domestic and international human trafficking, recruitment, and control methodologies. Considers labor and sexual exploitation and examines existing laws and services to combat trafficking. Analyzes the role of demand in perpetuating trafficking and the victims' trauma. Applies best practice solutions. Offered: jointly with TSOCWF 374.
View course details in MyPlan: T CRIM 374

T CRIM 375 Men, Masculinities, Crime, and Justice (5) SSc
Explores issues related to men and masculinities in the criminal legal system. Examines the various conceptions of masculinities that increase the risks of criminality and how men "perform" masculinities within criminal legal systems.
View course details in MyPlan: T CRIM 375

T CRIM 376 Harm Reduction (5) SSc
Examines the history and development of harm reduction approaches to drug use, sex work, and other related issues, and how these strategies can reduce harms and further complications for individuals and communities. Identifies controversies, successes, and challenges and analyses examples of innovative harm reduction policies, practices, and services. Offered: jointly with TSOCWF 376.
View course details in MyPlan: T CRIM 376

T CRIM 377 Reentry Success: Exploring Experiences and Programs for Returning People (5) SSc
Examines the numerous challenges to successful reentry and integration into the community, after serving sentences in carceral facilities. Provides in-depth exploration of the issues impacting the reentry of returning people. Explores possible solutions to create successful reentry processes and outcomes. Offered: jointly with TSOCWF 377.
View course details in MyPlan: T CRIM 377

T CRIM 390 Criminological Research Methods (5)
Introduces criminological research methods, including the processes of reviewing scholarly research, forming research questions, designing a study, collecting and analyzing data, and sharing findings. Develops skills in the critical consumption of research. Course overlaps with: TSOCWF 390 and SOC WF 390. Prerequisite: a minimum grade of 2.0 in either QMETH 201, STAT 220, STAT 221/CS&SS 221/SOC 221, STAT 311, TSOCWF 351, TMATH 110, or T URB 225.
View course details in MyPlan: T CRIM 390

T CRIM 395 Criminal Courts and Society (5) SSc
Examines the background, legal principles, and structures of criminal courts in the United States. Explores the roles of court actors, procedures, and practices which uphold or threaten basic rights and liberties. Focuses on contemporary issues, including the development of alternative and specialized courts. Utilizes a critical, social

justice lens to examine criminal courts and their impacts on society.
View course details in MyPlan: T CRIM 395

T CRIM 409 Advanced Readings in Criminal Justice (1-5, max. 15)
Student-initiated, individually contracted course of study targeted at developing greater mastery of a specific area within criminal justice under the supervision of a social work faculty member with expertise in a related area of criminal justice. Focuses on individualized student-centered learning with emphasis on achievement of stated student learning objectives.
View course details in MyPlan: T CRIM 409

T CRIM 427 Racialized Disproportionality Across Systems (5) SSc
Examines disproportionate representation of people of color in the child welfare, economic, education, health, juvenile justice, and mental health systems. Focuses on how each of these systems interacts with criminal legal systems in which racialized disproportionality is a particularly serious problem. Course overlaps with: T EDUC 490. Offered: jointly with TSOCWF 427.
View course details in MyPlan: T CRIM 427

T CRIM 428 Policy and Practice with Sexual Offenders (5) SSc
Develops understanding of sex crimes and the people who commit them. Addresses the theoretical explanations of, and policies regarding treatment for offenders. Analyzes laws related to sex offenders, their constitutional legitimacy, and the difficulty in balancing offender and community rights. Offered: jointly with TSOCWF 428.
View course details in MyPlan: T CRIM 428

T CRIM 430 Children of Incarcerated Parents (5) SSc
Examines the impact of parental incarceration on the psychological, social, physical, and biological development of children. Focuses on issues of loss, trauma, attachment, and ways to address such issues. Offered: jointly with TSOCWF 430.
View course details in MyPlan: T CRIM 430

T CRIM 433 Trauma-Informed Interventions with Systems-Impacted People (5) SSc
Provides an overview of trauma theory and pathways to trauma transformation. Explores the role of trauma in harm-doing, victimization, and the practices of criminal legal systems. Teaches effective interventions and skills for working with and supporting healing among those who cause harm and those who experience harm as victims. Offered: jointly with TSOCWF 433.
View course details in MyPlan: T CRIM 433

T CRIM 434 Criminal Homicide (5) SSc
Examines the causes, forms, and consequences of homicide offending and victimization. Explores the patterns and characteristics of various forms of homicide. Analyzes the effectiveness of solutions and interventions both within and beyond criminal legal systems. Course overlaps with: SOC 275.
View course details in MyPlan: T CRIM 434

T CRIM 435 Terrorism, Crime, and Justice (5) SSc
Explores terrorism and counterterrorism organizations from a criminological perspective. Traces the evolution of domestic and international terrorism organizations and networks within the United States and globally, including motivations and tactics, and the counterterrorism strategies used by law enforcement. Analyzes the social construction of terrorism in academic and popular discourses.
View course details in MyPlan: T CRIM 435

T CRIM 436 Contemporary Social Work in Criminal Justice Settings (5) SSc
Focuses on social work practice with justice-involved individuals in criminal justice settings including juvenile justice, specialty courts, community corrections, jail and prison. Describes social work roles at multiple levels and examines contemporary issues that impact social work practice. Explores promising social work interventions and what is needed for effective practice. Offered: jointly with TSOCWF 436.
View course details in MyPlan: T CRIM 436

T CRIM 437 Abolitionism and Revolutionary Criminology (5) SSc
Examines meanings of abolitionism and debates over dismantling the prison industrial complex. Compares criminal justice reforms to more revolutionary transformation of systems. Explores the liberating potential of abolitionist solutions to problems of crime, oppression, and injustice. Imagines transformative alternatives to build humane systems that address harms in the collective interest.
View course details in MyPlan: T CRIM 437

T CRIM 440 Fundamentals of Criminal Law (5) SSc
Examines the historical, constitutional, and legal principles applicable to substantive criminal law. Analyzes the definition of criminal law, elements of major crimes, general principles of criminal responsibility, punishment, and the conditions that may excuse an individual from criminal liability or mitigate punishment.
View course details in MyPlan: T CRIM 440

T CRIM 441 Senior Seminar: Professionalism and Ethical Issues in Criminal Justice (5) SSc
Examines the interaction between ethics and criminal justice practice, including application of ethical theory to criminal justice issues. Topics include ethical response to police brutality and corruption in criminal justice systems, development of professional identity, and promotion of professional conduct. Prerequisite: a minimum grade of 2.0 in T CRIM 371; and a minimum grade of 2.0 in TSOCWF 390 or T CRIM 390.
View course details in MyPlan: T CRIM 441

T CRIM 450 Comparative Criminal Justice Systems (1-15, max. 15) SSc
Examines the design, function, and legal basis for non-United States criminal justice systems. Engages cross-cultural analyses of the connection between government, political, demographic, and economic factors in explaining historical and contemporary trends. Compares and contrasts non-United States and United States criminal justice systems. Includes a study abroad component.
View course details in MyPlan: T CRIM 450

T CRIM 490 Independent Research in Criminal Justice (1-3, max. 12)
Student-initiated, individually contracted research with a faculty member to engage the design and implementation of original empirical research. Training and supervision in some or all aspects of criminological/criminal justice research. Active participation as member of research team, with emphasis on achievement of state student learning objectives.
View course details in MyPlan: T CRIM 490

T CRIM 498 Criminology and Justice Studies Internship (5-15, max. 15) SSc
Engages in experiential learning by applying academic knowledge to justice-related professions. Develops professional competencies through working empathetically and effectively with crime- and systems-impacted individuals, families, and communities and/or engaging in policy, administrative, and advocacy work common to justice-related agencies. Prerequisite: a minimum grade of 2.0 in either T CRIM 361/TSOCWF 361, T CRIM 365, or T CRIM 371. Credit/no-credit only.
View course details in MyPlan: T CRIM 498

SOCIAL WELFARE

TSOCWF 101 Introduction to Social Work (5) SSc
Introduces social work as a profession including exploration of its history, values, ethics, and career options within the field. Emphasizes social work's historic commitment to economic and social justice, diversity, empowerment, and improving conditions faced by society's most vulnerable members
View course details in MyPlan: TSOCWF 101

TSOCWF 150 Suicide: Individual and Community Responses (2) SSc
Increases student understanding of historical and contemporary responses to suicide; explores ethical and moral issues; and develops introductory skills used in suicide prevention. Explores psychological and sociological theories of suicide as well as other responses people engage in suicidal behaviors.
View course details in MyPlan: TSOCWF 150

TSOCWF 202 Perspectives on Doing Service (5) SSc
Explores the philosophical, spiritual, cultural, and value concepts that undergird helping and altruistic behaviors by individuals and groups in a global society. Service learning is included in explorations of what helping and service mean in daily life and the professional work world. Offered: Sp.
View course details in MyPlan: TSOCWF 202

TSOCWF 250 Interpersonal Effectiveness (5) SSc
Applies theory and research from multiple social sciences. Expands students' thinking and skills related to relationships and interpersonal communication. Introduces students to constructs and theories such as identity, perception, emotional intelligence, and culture. Develops the mechanics of interpersonal communication and relationship skills.
View course details in MyPlan: TSOCWF 250

TSOCWF 300 Historical Approaches to Social Welfare (5) SSc
Stresses the origin of social welfare policies, beginning with the Elizabethan Poor Law of 1601. Issues of poverty, as well as development of publicly funded income-maintenance programs, and an understanding of the historical roots of the social work profession are central. Maximum 10 credits allowed between TSOCWF 300; TSOCWF 320; and SOC WF 320. Offered: A.
View course details in MyPlan: TSOCWF 300

TSOCWF 301 Professionalism in Social Welfare Practice (2)
Focuses on development of professional identity as a social worker, including understanding of various roles social workers perform; the variety of modalities in which social workers practice; the core values and ethical standards of the profession; social work practice frameworks; use of self; and self-care techniques.
View course details in MyPlan: TSOCWF 301

TSOCWF 310 Social Welfare Practice I: Individials and Families (5)
Introduces fundamental social work practice principles and skills. Examines the National Association of Social Work (NASW) ethical code, multicultural responsiveness, and leading social work practice frameworks. Develops practice skills with individuals and families. Applies concrete skill development with focus on engagement, assessment, planning, contracting, intervention, termination, and introductory practice evaluation. Course equivalent to: SOC WF 310. Offered: A.
View course details in MyPlan: TSOCWF 310

TSOCWF 311 Social Welfare Practice II: Groups (3)
Focuses on developing students' knowledge of different approaches to social group work practice. Examines the ways in which specialized knowledge of clients' life conditions, life circumstances, and significant life-events

inform social work practice with groups within a generalist framework. Prerequisite: TSOCWF 310. Offered: W.
View course details in MyPlan: TSOCWF 311

TSOCWF 312 Social Welfare Practice III: Organizations and Communities (5)
Focuses on social work practice with organizations and communities. Examines fundamental mezzo/macro concepts, principles, and skills including practice models; evidence-based practice; worker roles and functions; values and ethics; and cultural sensitively. Course equivalent to: SOC WF 312. Prerequisite: TSOCWF 311.
View course details in MyPlan: TSOCWF 312

TSOCWF 320 Social Welfare: Contemporary Approaches (5) SSc
Current Policy and program developments in the social welfare field. Topics include income maintenance proposals, the emergence of programs to treat specific social dysfunctioning (mental health services) and the growth of a service-oriented society. Required for social welfare majors. Open to non-majors. Maximum 10 credits allowed between TSOCWF 300; TSOCWF 320; and SOC WF 320. Offered: W.
View course details in MyPlan: TSOCWF 320

TSOCWF 350 Biopsychosocial Human Services (5) SSc/NSc
Examination of human life contextualized through the social environment from a biopsychosocial perspective. Emphasizes body systems, individual development, and functioning. Coverage of relevant theoretical frameworks commonly used in human services linking biological, psychological, and sociological principles with client issues in social and community contexts.
View course details in MyPlan: TSOCWF 350

TSOCWF 351 Applied Statistics for Social and Human Services (5) NSc, RSN
Applies statistical methods for use in social and human services. Examines purpose and use of social statistics to include analyzing the relationships between variables as a tool for conducting research; central tendencies and dispersion; probability; descriptive statistics, statistical inference and hypothesis testing; and bivariate analysis.
View course details in MyPlan: TSOCWF 351

TSOCWF 353 Mental Illness and Recovery (5) SSc
Provides an overview of persistent and disabling mental illness among adults. Combines classroom and experimental learning. Students learn directly from service providers and consumers the challenges of living with serious mental illness and within health and social welfare system constraints. Offered: AWSpS.
View course details in MyPlan: TSOCWF 353

TSOCWF 354 Sexual Orientation and Gender Identity (5) SSc
Focuses on legal and sociopolitical topics related to sexual orientation and gender identity using social justice and empowerment perspectives. Emphasizes the framing of these topics at the local, national, and global level, and the intersectionality of sexual and gender identity with other aspects of human diversity. Offered: Sp.
View course details in MyPlan: TSOCWF 354

TSOCWF 355 HIV/AIDS: Global and National Issues (5) SSc
Examines historical and contemporary issues related to HIV/AIDS form local, national, and global perspectives. Focuses on HIV/AIDS among vulnerable populations worldwide, prevention efforts, the history of the pandemic, treatment protocols and advances, and psychological impacts on both infected and affected individuals. Course overlaps with: T HLTH 355.
View course details in MyPlan: TSOCWF 355

TSOCWF 356 Disabilities: Individual and Community Perspectives (5) SSc
Provides an overview of the historical and theoretical context of disability practice and research. Introduces

students to the relevance and implications of disability across the lifespan from the perspective of the individual and other family members. Critically analyzes disability and disability activism across different systems.
View course details in MyPlan: TSOCWF 356

TSOCWF 361 Mental Health, Substance Use and the Criminal Justice System (5) SSc
Examines the intersection of mental health, substance use, and the criminal justice system. Focuses on the interaction of mental health and criminal justice practice. Explores the prevalence of mental health and substance use and best practices for treatment. Offered: jointly with T CRIM 361.
View course details in MyPlan: TSOCWF 361

TSOCWF 363 The Criminalization of Immigration (5) SSc, DIV
Examines the criminalization of immigration in the United States and globally and the ways in which social institutions have implemented immigration policies. Analyzes the unintended consequences of criminalizing policies and practices. Explores psychosocial effects on the lives of diverse immigrants, their families, and ethnic minority communities. Offered: jointly with T CRIM 363.
View course details in MyPlan: TSOCWF 363

TSOCWF 374 Human Trafficking (5) SSc
Examines domestic and international human trafficking, recruitment, and control methodologies. Considers labor and sexual exploitation and examines existing laws and services to combat trafficking. Analyzes the role of demand in perpetuating trafficking and the victims' trauma. Applies best practice solutions. Offered: jointly with T CRIM 374.
View course details in MyPlan: TSOCWF 374

TSOCWF 376 Harm Reduction (5) SSc
Examines the history and development of harm reduction approaches to drug use, sex work, and other related issues, and how these strategies can reduce harms and further complications for individuals and communities. Identifies controversies, successes, and challenges and analyses examples of innovative harm reduction policies, practices, and services. Offered: jointly with T CRIM 376.
View course details in MyPlan: TSOCWF 376

TSOCWF 377 Reentry Success: Exploring Experiences and Programs for Returning People (5) SSc
Examines the numerous challenges to successful reentry and integration into the community, after serving sentences in carceral facilities. Provides in-depth exploration of the issues impacting the reentry of returning people. Explores possible solutions to create successful reentry processes and outcomes. Offered: jointly with T CRIM 377.
View course details in MyPlan: TSOCWF 377

TSOCWF 390 Introduction to Social Welfare Research (5)
Introduces the logic of the scientific method as applied to social work and social welfare practice, to the design and conduct of a research study, and to data collection and summarization. Skill development in critical consumption of social welfare research. Course equivalent to: SOC WF 390. Course overlaps with: T CRIM 390. Prerequisite: minimum grade of 2.0 in either QMETH 201, SOC 221, STAT 311, TSOCWF 351, TMATH 110, T HLTH 305, or T URB 225.
View course details in MyPlan: TSOCWF 390

TSOCWF 402 Human Behavior and the Social Environment I (5) SSc
Focuses on person-in-the environment for individuals and family development across the lifespan. Utilizes developmental and social systems perspectives in seeking to understand and influence human behavior across diverse backgrounds. Addresses dynamics and processes of families, small groups, organizations, and

community systems. Required for Social Welfare majors. Course equivalent to: SOC WF 402. Offered: A.
View course details in MyPlan: TSOCWF 402

TSOCWF 404 Cultural Diversity and Social Justice (5) SSc, DIV
History and culture of disadvantaged and oppressed groups served by social welfare generalist practitioners. Course equivalent to: SOC WF 404. Offered: Sp.
View course details in MyPlan: TSOCWF 404

TSOCWF 405 Field Seminar I (3)
Analyzes field experiences through the lens of social welfare coursework. Examines the impact of systems on client or agency capacity. Engages in skills practice, self-reflection, and group consultation to further development as generalist social workers. Course overlaps with: SOC WF 405. Prerequisite: TSOCWF 311. Offered: AWSp.
View course details in MyPlan: TSOCWF 405

TSOCWF 406 Field Seminar II (3)
Applies social work theories and practice behaviors to scenarios based on content from their placement agencies. Responds when ethics and the law are in conflict. Facilitates therapeutic closure to support transitions at the placement agency. Identifies competencies achieved and interest areas for lifelong education.
View course details in MyPlan: TSOCWF 406

TSOCWF 409 Readings in Social Welfare (1-5, max. 15)
Students work individually with a faculty member on a program of study in some designated, substantive area of relevance to social work. May include areas not addressed in the regular curriculum, or more in-depth work in areas of interest. Offered: AWSpS.
View course details in MyPlan: TSOCWF 409

TSOCWF 414 Introduction to Field (1)
Engages in collaborative activities to identify areas of interest, analyzes current skills and completes online, in-class and off-campus activities to solidify professional social work field placement. Communicates professional expectations and creates learning contract to guide placement activities. Achieves CSWE required competencies. Credit/no-credit only.
View course details in MyPlan: TSOCWF 414

TSOCWF 415 Practicum (3/4, max. 11)
Engages students in generalist social work practice activities at approved social service agencies under the supervision of designated agency personnel. Emphasizes developing breadth of knowledge, perspectives and skills needed for practice with individuals (micro level), families and/or groups (mezzo level), and organizations and/or communities (macro level). Course overlaps with: SOC WF 415. Prerequisite: TSOCWF 414. Credit/no-credit only. Offered: AWSp.
View course details in MyPlan: TSOCWF 415

TSOCWF 420 Interpersonal Violence and Society (5) SSc
Explores interpersonal violence from both sociological and psychological frameworks. Enhances one's understanding of the nature, dynamics and effects of interpersonal violence, and the threads that connect personal and community violence. Evaluates how best to prevent and decrease the amount of violence in society. Open to non-majors.
View course details in MyPlan: TSOCWF 420

TSOCWF 421 Cross-Cultural Grieving (5) SSc
Examines spiritual, psychosocial, physical, and behavioral impacts of major loss on persons, families, and

communities as it occurs in diverse North American ethnic and cultural communities. Exploration of death, dying, major family separations, divorce, refugee/immigration changes as it related to grief, loss, and mourning.
View course details in MyPlan: TSOCWF 421

TSOCWF 422 Aging in American Society (5) SSc
Covers physical and psychological processes of aging. Includes social aspects of aging related to family roles, cultural, social support, and use of health and social services. Reviews home and community based services and how those services may need to change in the twenty-first century.
View course details in MyPlan: TSOCWF 422

TSOCWF 425 Comparative Social Policy (5) SSc
Explores current social policy issues in the United States, Canada, and Nordic countries from a comparative perspective. Examines history and political structures that influences implementation of social policies. Offered: jointly with TPOL S 425.
View course details in MyPlan: TSOCWF 425

TSOCWF 427 Racialized Disproportionality Across Systems (5) SSc
Examines disproportionate representation of people of color in the child welfare, economic, education, health, juvenile justice, and mental health systems. Focuses on how each of these systems interacts with criminal legal systems in which racialized disproportionality is a particularly serious problem. Course overlaps with: T EDUC 490. Offered: jointly with T CRIM 427.
View course details in MyPlan: TSOCWF 427

TSOCWF 428 Policy and Practice with Sexual Offenders (5) SSc
Develops understanding of sex crimes and the people who commit them. Addresses the theoretical explanations of, and policies regarding treatment for offenders. Analyzes laws related to sex offenders, their constitutional legitimacy, and the difficulty in balancing offender and community rights. Offered: jointly with T CRIM 428.
View course details in MyPlan: TSOCWF 428

TSOCWF 430 Children of Incarcerated Parents (5) SSc
Examines the impact of parental incarceration on the psychological, social, physical, and biological development of children. Focuses on issues of loss, trauma, attachment, and ways to address such issues. Offered: jointly with T CRIM 430.
View course details in MyPlan: TSOCWF 430

TSOCWF 433 Trauma-Informed Interventions with Systems-Impacted People (5) SSc
Provides an overview of trauma theory and pathways to trauma transformation. Explores the role of trauma in harm-doing, victimization, and the practices of criminal legal systems. Teaches effective interventions and skills for working with and supporting healing among those who cause harm and those who experience harm as victims. Offered: jointly with T CRIM 433.
View course details in MyPlan: TSOCWF 433

TSOCWF 436 Contemporary Social Work in Criminal Justice Settings (5) SSc
Focuses on social work practice with justice-involved individuals in criminal justice settings including juvenile justice, specialty courts, community corrections, jail and prison. Describes social work roles at multiple levels and examines contemporary issues that impact social work practice. Explores promising social work interventions and what is needed for effective practice. Offered: jointly with T CRIM 436.
View course details in MyPlan: TSOCWF 436

TSOCWF 490 Research in Social Welfare (1-3, max. 10)
Individual work with faculty member to assist with current research project(s). Training and supervision in some or all of the following research tasks: literature review, data analysis, record-keeping, interviewing, report writing, data entry and coding, data collection, and other tasks commonly found in research problems in social welfare.
View course details in MyPlan: TSOCWF 490

SOCIAL WORK

T SOCW 501 Social Policy and Economic Security (3)
Presents students with the intellectual, historical, and ethical foundations of the social work profession. Provides a critical analysis of poverty and inequality in the U.S., with a focus on describing existing policies and programs and advocating for policy change to address these issues.
View course details in MyPlan: T SOCW 501

T SOCW 502 Human Behavior and the Social Environment I (3)
Focuses on the person-in-situation. Explores developmental stages across diverse backgrounds, how to understand and influence human behavior through developmental and social system perspectives, dynamics and processes of small group, family, organization and community systems from a social system perspective as socializing forces and as targets of change, and examines implications for social work practice, especially the assessment process.
View course details in MyPlan: T SOCW 502

T SOCW 503 Human Behavior and the Social Environment II (3)
T SOCW 502 continuation. Focuses on the person-in-situation. Explores developmental stages across diverse backgrounds, how to understand and influence human behavior through developmental and social system perspectives, dynamics and processes of small group, family, organization and community systems from a social system perspective as socializing forces and as targets of change. Examines implications for social work practice and assessment. Prerequisite: min 2.7 in T SOCW 502.
View course details in MyPlan: T SOCW 503

T SOCW 504 Cultural Diversity and Societal Justice (3)
Examines the conceptual, theoretical, and empirical knowledge base related to difference, disadvantage, oppression, social justice, and empowerment. Gains skills in working with people using cultural humility, linguistic competence, and intersectionality, as framework for understanding the complexity of people experiencing marginalization. Course overlaps with: SOC W 504. Credit/no-credit only.
View course details in MyPlan: T SOCW 504

T SOCW 505 Introduction to Social Welfare Research (3)
Overview of research processes and methods in social work in order to interpret and perform practice-based research. Introduction to the principles and skills needed to evaluate one's own practice. Emphasizes critical understanding of the empirical literature; the development of useful and appropriate questions about social work practice, strategies and techniques for conducting practice research, and applying research findings to practice.
View course details in MyPlan: T SOCW 505

T SOCW 510 Social Work Practice I - Introduction to Social Work Practice (3)
Practices foundation skills in relationship building, interviewing, assessment and intervention while learning how to complete assessments for a range of practice settings and utilizing a variety of theoretical perspectives.
View course details in MyPlan: T SOCW 510

T SOCW 511 Social Work Practice II - Intermediate Direct Service Practice (3)
Foundation knowledge and skills for direct practice with individuals, families, and groups. Covers assessment, development of treatment plans based on theory and assessment information, goal-setting skills, and selection of appropriate interventions. Course overlaps with: SOC W 511. Prerequisite: min 2.7 in T SOCW 510. Offered: A.
View course details in MyPlan: T SOCW 511

T SOCW 512 Practice III: Community and Organizational Practice (3)
Prepares students for generalist macro social work practice. Focuses on effective work in political, organizational, and community social service settings. Prerequisite: min 2.7 in T SOCW 511.
View course details in MyPlan: T SOCW 512

T SOCW 514 Social Work Practice V - Assessment of Mental Disorders (3)
Focuses on development of assessment of behavioral disorders as well as understanding of diagnostic and assessment tools with their social and cultural implications. Provides overview of psychopharmacological and other treatment approaches. Students may focus on adults or children/youth.
View course details in MyPlan: T SOCW 514

T SOCW 524 Generalist Practicum (1-3, max. 10)
Builds skills at the micro, mezzo, and macro levels of practice, based on classroom content, Council on Social Work education competencies, and program objectives. Develops students' social work knowledge and professional identity under supervision of an experienced professional at an approved practicum site. Integrates theory with real-world practice. Credit/no-credit only.
View course details in MyPlan: T SOCW 524

T SOCW 525 Specialization Practicum (3-5, max. 17)
Builds on previous field work in the context of practice in an area of specialization. Develops specific, integrative social work knowledge and skills under supervision of an experienced professional at an approved practicum site. Achieves capacity for autonomous practice. Credit/no-credit only.
View course details in MyPlan: T SOCW 525

T SOCW 531 Integrative Policy Analysis (3)
Examines current policy issues related to families; applied theoretical framework to selected policies and considers the political nature of policy choices. Evaluates the potential for system reform at both state and national levels, as well as local communities and agencies. Enhances policy skills to achieve social justice.
View course details in MyPlan: T SOCW 531

T SOCW 532 Integrative Practice I (3)
Focuses on the assumption of leadership roles in the design, implementation, and evaluation of research-informed intervention programs at the micro, mezzo, and macro levels of practice.
View course details in MyPlan: T SOCW 532

T SOCW 533 Integrative Practice II (3)
Focuses on the ethics, values, critical thinking, and program development skills needed to accomplish the intervention program research in TSOC W 532. Prerequisite: a minimum grade of 2.7 in T SOCW 532.
View course details in MyPlan: T SOCW 533

T SOCW 535 Research for Integrative Practice (3)
Focuses on data collection, management, analysis, the write up of research results, and appropriate dissemination of findings. Prerequisite: either a minimum grade of 2.7 in T SOCW 505, or a minimum grade of 2.7 in T SOCW 597.
View course details in MyPlan: T SOCW 535

T SOCW 540 Professional Practice in Public Child Welfare (3)
Focuses on ethical and equitable practice strategies in public child welfare through the lens of safety, permanency and well-being. Examines state-specific and federal mandates throughout history, and reflects on persistent issues that prompt changes in service delivery.
View course details in MyPlan: T SOCW 540

T SOCW 541 Adult and Adolescent Interpersonal Violence and Treatment (3)
Focuses on theoretical frameworks of interpersonal violence and treatment approaches for both survivors and perpetrators of such violence. Includes examination of domestic violence, sexual violence, and the impact of violence on children.
View course details in MyPlan: T SOCW 541

T SOCW 542 Social Work in Schools (3)
Meets professional standards for Washington State Educational Staff Associate certification, Explores social work role within organizational and legal contexts of school systems. Addresses evidence-informed and multi-level social work practice relative to national, state and local trends in education. Examines school reform, truancy, homelessness, diversity, violence, student support and special education. Course overlaps with: SOC W 588.
View course details in MyPlan: T SOCW 542

T SOCW 543 Supervision and Leadership in Social Work (3)
Focuses on the social worker as supervisor and leader, both in agencies and in the profession. Examines specific models of supervision and leadership, with emphasis on the values and ethics of the profession in the context of leadership.
View course details in MyPlan: T SOCW 543

T SOCW 544 Gerontological Social Work: Health and Mental Health in Older Adults (3)
Examines psychosocial aspects of common age-related problems using an empowerment perspective. Emphasizes the development of skills for assessing the needs of older adults and providing services directly to those individuals. Includes content on end-of-life issues and social work practice.
View course details in MyPlan: T SOCW 544

T SOCW 545 Group Interventions in Social Work Practice (3)
Focuses on the theory and practice of group social work intervention. Emphasizes beginning, middle, and end stages of group intervention as well as specific skills building for a variety of group types, including support, psychoeducational, and process-oriented.
View course details in MyPlan: T SOCW 545

T SOCW 546 Multicultural Theory and Social Work Practice (3)
Emphasizes the multicultural nature of society and the development of social work skills to work with oppressed populations. Focuses on the intersectionality of oppression and means of intervening on behalf of and in conjunction with vulnerable populations.
View course details in MyPlan: T SOCW 546

T SOCW 547 Chemical Dependency: Drug Affects, Assessment, and Treatment Referral Issues (3)
Focuses on the impact of chemical dependency on individuals, including specific reactions to various substance. Examines social work assessment techniques and treatment referral options for chemically addicted clients.
View course details in MyPlan: T SOCW 547

T SOCW 548 Spirituality and Social Work Practice (3)
Focuses on the spiritual component of a holistic assessment of client systems. Emphasizes development of

spirituality-sensitive practice skills and practitioner self-awareness. In-depth examination of faith practices and beliefs, including theistic, nontheistic, and animistic traditions.
View course details in MyPlan: T SOCW 548

T SOCW 549 Crisis Intervention in Mental Health (3)
Focuses on the nature, causes, and differences between psychological crisis and psychological emergencies. In-depth examination of the cognitive, relational, and risk management skills used during crisis interventions across a variety of treatment settings. Emphasizes development of intervention skills.
View course details in MyPlan: T SOCW 549

T SOCW 550 Social Work in Health Care (3)
Focuses on skill-building for social work practice in medical settings, including hospitals, clinics, home health programs, and other agencies. Also examines the impact of social policy on access to health care and social work service provision.
View course details in MyPlan: T SOCW 550

T SOCW 551 Social Work with Military Personnel and Veterans (3)
Focuses on social work practice in military-related settings, including active duty personnel and veterans. Pays special attention to military culture and systems, military families, and the special needs of soldiers returning from combat.
View course details in MyPlan: T SOCW 551

T SOCW 552 American Indian Child Welfare (3)
Examines the Indian Child Welfare Act (ICWA) of 1978. Identifies best practices for working with American Indian and Alaska Native children and families. Explores major issues of ICWA, its rationale, implementation, case analysis, and non-compliance consequences. Develops understanding of advanced social work practice skills and knowledge of ICWA.
View course details in MyPlan: T SOCW 552

T SOCW 553 Critical Disability Frameworks for Social Work Practice and Policy (3)
Provides an overview of the historical and theoretical context of ability/disability. Critically analyzes policies and practices across the lifespan and across service systems related to ability/disability with attention to disability activism. Identifies needs and strengths of various disability groups. Develops anti-oppressive practice models. Course equivalent to: SOC W 576.
View course details in MyPlan: T SOCW 553

T SOCW 554 Cognitive Behavioral Therapy for Advanced Social Work Practice (3)
Focuses on the theory, empirical base and practice of cognitive behavior therapy as a tool for advanced social work practice. Emphasizes the development of practitioner skills toward clinical practice.
View course details in MyPlan: T SOCW 554

T SOCW 555 Integrative Mind Body Mental Health (3)
Examines frameworks, theory, evidence-base and techniques of integrative mind-body-spirit mental health treatments and wellness practices with the goal of clinical practitioner development.
View course details in MyPlan: T SOCW 555

T SOCW 590 Independent Research in Social Work (3, max. 6)
Advancing research skills through training and development in some or all of the following research tasks: literature review, interviewing, data entry and coding, data collection, data analysis, and other tasks commonly found when conducting research in social work.
View course details in MyPlan: T SOCW 590

T SOCW 597 Social Welfare Research (2)
Provides supervision for the research project development and a structured environment to hone previously learned research methods and content.
View course details in MyPlan: T SOCW 597

T SOCW 598 Advanced Standing Integrative Seminar (5)
Integrates the domains of social work practice, research, policy, cultural diversity, and human behavior and the social environment.
View course details in MyPlan: T SOCW 598

T SOCW 599 Readings in Social Work (1-5, max. 5)
Student-originated, individually contracted projects on topics of interest in social welfare/social work not covered by other Social Work program offerings. Credit/no-credit only.
View course details in MyPlan: T SOCW 599

School of Urban Studies

COMMUNITY PLANNING

TCMP 521 Planning Theory and Practice (5)
Explores how community planners and other actors engage theories of planning procedures and preferred urban forms to guide urban development and social change. Considers how leading scholars in the field have theorized the potential and challenges of planning.
View course details in MyPlan: TCMP 521

TCMP 525 Property and Capital (5)
Focuses on low-income, mixed-income, and affordable housing policies in the U.S. Learn about public and private finance mechanisms for the development and capitalization of these housing products.
View course details in MyPlan: TCMP 525

TCMP 546 Strategic Influence (5)
Provides conceptual framework and practical skills for understanding/analyzing the potential of strategic thinking to inform and engage community, and to assess public will -- exposing students to divergent/convergent thinking; analysis of diverse perspectives of the same issue; and the role of communication in information gathering; community engagement; and social documentation.
View course details in MyPlan: TCMP 546

TCMP 554 Community Development (5)
Examines academic, policy, and practice dimensions of community development; and foregrounds resident-centered sustainable and equitable development strategies. Students gain skills to integrate and synthesize multiple perspectives into coherent, unified vision; as well as specific practices they can employ to make communities better places to live, work, and raise families.
View course details in MyPlan: TCMP 554

TCMP 557 Urban Spatial Design (5)
Introduces students to the social dimensions of place-making through design in a studio style course. Develop a facility for creating and managing community-engaged that lead to publicly informed urban design projects.
View course details in MyPlan: TCMP 557

TCMP 566 Analyzing Community (5)
Asks students to think critically about the way we imagine and construct "community" and "communities" - ideas that are often naturalized and romanticized in social movement literature. Exposes students to feminist, post-structuralist, Foucauldian, and other critical social theories, as well as non-US based examples.
View course details in MyPlan: TCMP 566

TCMP 571 Legal Urbanism (5)
Explores the relationship between law and the city, examining how "law" situates cities and urban residents in the US and shapes behaviors and environments in cities. Considers how legal structures enable or inhibit urban social justice and how they might be used to advance socially just and sustainable urban conditions.
View course details in MyPlan: TCMP 571

TCMP 572 Planning for Equity (5)
Provides an overview of the equity planning tradition in urban affairs and community planning. Introduces participatory process, democratic deliberation, and inclusive management. Emphasizes planning skills for recognizing, empowering, and resourcing groups and individuals with historical, economic, and operational

disadvantages in processes of urban development and decision-making.
View course details in MyPlan: TCMP 572

TCMP 573 Power and Decentralization (5)
Presents theoretical frameworks for analyzing political power in collaborative networks. Introduces analytic methods for understanding and anticipating how power operated in decentralized governance, including the ways in which community groups and urban stakeholders can identify key coalitions, political frames, and entry points in processes of urban development and resource allocation.
View course details in MyPlan: TCMP 573

TCMP 582 Movements and Organizing (5)
Introduces students to the role of local organizations in advocating for urban policies and social change. Develops skills to distil and summarize theoretical readings and the competency to gather and analyze data In the context of a process evaluation. Prerequisite: TCMP 546 and TCMP 554.
View course details in MyPlan: TCMP 582

TCMP 590 Community Planning Studio I (5)
Develop an annotated bibliography, work with an agency or NGO partner to identify a specific need, develop a formal statement of need and project plan including a plan for implementing the project,
View course details in MyPlan: TCMP 590

TCMP 591 Community Planning Studio II (5, max. 10)
Work with faculty advisor and community-partner liaison to identify and complete a work product that is useful for the partner and that uses concepts and tools learned in the MA program. Engage in self-assessment of the project and the experience. Prerequisite: TCMP 590.
View course details in MyPlan: TCMP 591

TCMP 595 Special Topics in Community Planning (1-15, max. 15)
Examines specific issues of interest to the field of community planning, responding to current conditions and initiatives in the local and regional setting. Covers topics and issues in urban spatial planning, civic engagement, economic development, neighborhood empowerment, inclusive management, and sustainable urban development.
View course details in MyPlan: TCMP 595

GEOGRAPHIC INFORMATION SYSTEMS

T GIS 311 Maps and GIS (6) NSc, RSN
Introduction to map interpretation and basic spatial analysis through the use of geographic information systems (GIS). Emphasizes developing, through hands-on experience, a fundamental understanding of GIS and the technical expertise necessary for applying GIS in a variety of scenarios such as environmental science, urban planning, nursing, social work, and business. Course overlaps with: BIS 344.
View course details in MyPlan: T GIS 311

T GIS 312 Intermediate GIS (6) NSc
Examines GIS techniques that range from spatial analysis using vector and raster data models, to the analysis of three dimensional surfaces in urban space. Prerequisite: T GIS 311.
View course details in MyPlan: T GIS 312

T GIS 313 Applied GIS and Project Design (3) NSc
Exposes real-world applications of geographic information systems. Discussion centers on the implantation of a

GIS and strategies students might take as they begin planning for their own GIS project. Prerequisite: T GIS 311.
View course details in MyPlan: T GIS 313

T GIS 350 Remote Sensing (5)
Introduce students to the principles, concepts, and tools for remote sensing of the Earth's surface. Students will learn how to process data collected from both passive and active sensors, using data collected from these sensors from a broad range of the electromagnetic spectrum to perform image analysis for mapping purposes.
View course details in MyPlan: T GIS 350

T GIS 414 Advanced Applications of GIS (5) NSc
Applies GIS techniques through case studies of social, economic, and environmental issues in the Puget Sound region. Introduces new techniques in basic programming for GIS, using ArcGIS ModelBuilder, and the advanced use of GPS devices. Prerequisite: T GIS 312; T GIS 313.
View course details in MyPlan: T GIS 414

T GIS 415 Critical Theory and GIS Practicum (5) NSc
Explores the foundational debates that have impacted the evolution of geospatial software, technique, and methodology. Concurrent with these readings and discussions, projects designed in T GIS 313 are fully implemented and results are prepared for digital and print presentation. Prerequisite: T GIS 312; T GIS 313.
View course details in MyPlan: T GIS 415

T GIS 450 Participatory Mapping (5)
Introduces students to the goals, principles, methods, and tools associated with participatory mapping. Learn how to collect data directly from community members using a wide range of mapping techniques from digital to tangible mediums.
View course details in MyPlan: T GIS 450

T GIS 460 Cartography and Data Visualization (5) RSN
Introduce students to the interpretation and representation of spatial information. Learn to analyze and create persuasive, beautiful maps and data visualizations. Course overlaps with: BIS 343. Prerequisite: T GIS 311
View course details in MyPlan: T GIS 460

T GIS 470 GIS Scripting and Automation (5) RSN
Introduction to the automation of the acquisition, manipulation, and display of spatial data through scripting languages. Students will work with social media data, like Twitter and Instagram. Course overlaps with: INFO 201. Prerequisite: T GIS 311
View course details in MyPlan: T GIS 470

T GIS 501 GIS Customization and Automation (5)
Provides a foundation in the tools and techniques that are required to customize and automate geographic information systems. Prepares students to interact with mobile and web-based geospatial data and applications in subsequent courses. Offered: A.
View course details in MyPlan: T GIS 501

T GIS 502 Introduction to Geospatial Technology (5)
Provides an introduction and overview of the role that geospatial technologies play in contemporary urban and environmental planning scenarios. Focuses on the applications and techniques that are core elements of the graduate program in Geospatial Technologies. Offered: A.
View course details in MyPlan: T GIS 502

T GIS 503 Web-Based GIS (5)
Provides a foundation in the tools and techniques that are required to engage in web-based GIS resources. Prepares students to develop customized web-based GIS tools and deploy interactive web-based cartographic assets. Offered: A.
View course details in MyPlan: T GIS 503

T GIS 504 Mobile Geospatial Application Development (5)
Provides a foundation in the tools and techniques that are required to design, develop, and deploy mobile geospatial applications. Offered: A.
View course details in MyPlan: T GIS 504

T GIS 505 Cartography and Data Visualization (5)
Studies the interpretation and representation of spatial information. Students discuss, develop, and apply rigorous cartographic principles to various data sets.
View course details in MyPlan: T GIS 505

T GIS 506 Environmental Planning Applications (5)
Provides an overview of how geospatial technology is used by environmental planners and decision makers. Students apply what is learned in class to build an interactive digital environmental model and an environmental planning proposal. Sills applied to the practicum and capstones requirement.
View course details in MyPlan: T GIS 506

T GIS 507 Practicum I: Planning and Design (5)
Provides the foundational knowledge and skills required to write research or project proposal.
View course details in MyPlan: T GIS 507

T GIS 508 Practicum II: Implementation (5)
Provides the opportunity to complete the final MS in Geospatial Technologies capstone project and report.
View course details in MyPlan: T GIS 508

GEOGRAPHY

T GEOG 101 Introduction to Geography (5) SSc
Broad introduction to the field of geography within the context of globalization. Topics include the relationship between humans and their environment, the role of culture in landscape change, economic development, geopolitics, and urban systems. Course equivalent to: GEOG 100 and BIS 180.
View course details in MyPlan: T GEOG 101

T GEOG 210 Geographies of Global Change (3) SSc
Introduces aspects of the economic, political, social, and environmental changes the world is experiencing and the new geographies being brought about by these changes. Includes such topics as population growth, environmental degradation and sustainability, food security, urbanization, poverty and inequality, development, the geopolitical arena, and the role of international organizations.
View course details in MyPlan: T GEOG 210

T GEOG 321 Urban Geography (5) SSc
Examines the spatial organization of cities in relation to the economic, social, cultural, and political forces that shape them. Includes such topics as the evolution of cities, perceptions of urban space, gentrification, race and housing, homelessness, social exclusion, urban redevelopment, suburbanization, and planning. Emphasizes U.S. cities.
View course details in MyPlan: T GEOG 321

T GEOG 349 Geography and International Trade (5) SSc
Introduces theories, policies, geographic patterns, and practices of international trade and foreign direct investment. Topics include: trade theory and policy; economic integration; currency markets and foreign exchange; trade operations and logistics; the international regulatory environment; and marketing, location and entry, and finance, accounting, and taxation. Equivalent to GEOG 349. Course equivalent to: GEOG 349.
View course details in MyPlan: T GEOG 349

T GEOG 352 Cultural Geography (5) SSc
Cultural components and the analysis of the role of culture in the formation of landscape patterns and the development of a sense of place. Emphasizes issues and problems generated by globalization.
View course details in MyPlan: T GEOG 352

T GEOG 403 Geography of the United States of America and Canada (5) NSc
Regional study of the United States and Canada based upon physical and cultural features. Examines continental and regional variations in terrain, climate, vegetation, economic, and social life of the United States and Canada, with emphasis on geographical principles, sources of data, and techniques of investigation.
View course details in MyPlan: T GEOG 403

T GEOG 420 Gender, Space and Culture (5) SSc, DIV
Considers gender differences in experiences of space and place; the relationship between gender, geopolitics, and geographies of cities, regions, nation-states, and other social institutions; and gender differences in "making place" and interacting with environments. It considers multiple and competing theoretical perspectives, but especially feminist and queer ones.
View course details in MyPlan: T GEOG 420

T GEOG 435 Contemporary Geopolitics (5) SSc
Explores geopolitical concepts and relates them to contemporary global issues and debates. Examines both the influence of geography on politics and the geography of politics.
View course details in MyPlan: T GEOG 435

T GEOG 440 Political Geography: Territory, State and Society (5) SSc
Introduction to political geography from the perspective of political economy and the politics of difference. Discusses both critical approaches to human geography and geographical interpretations of the state. Emphasizes spatial dimensions of capitalist development as mediated by urban, national and global politics. Offered: Sp.
View course details in MyPlan: T GEOG 440

SUSTAINABLE URBAN DEVELOPMENT

T SUD 222 Introduction to Sustainability (5) SSc
Provides an introduction to the global goal of sustainability and surveys policies and techniques associated with current sustainability initiatives in diverse metropolitan environments. Includes a discussion of scientific debates; conflicts within and between societies at different levels of economic development; key policy arenas for action; and common methods used to further sustainability values.
View course details in MyPlan: T SUD 222

T SUD 240 The City and Nature (5) SSc
Examines connections between urban and environmental conditions by investigating the social and material production of urban nature. Challenges conceptual barriers between nature and the city that have evolved over time and considers new strategies for achieving both environmental sustainability and social justice in the city.
View course details in MyPlan: T SUD 240

T SUD 425 Social Justice and Urban Sustainability (3) SSc
Examines sustainable urban development from a social justice perspective. Draws from key theories and practices to explore how and why to incorporate social justice into sustainable urban development politics and policies and the challenges facing such efforts.
View course details in MyPlan: T SUD 425

T SUD 444 Green Internationalism and the City (5) SSc
Explores the influence of global ecological politics on urban policy and development as well as the impacts that new forms of urbanization have on global ecological politics. Interrogates key interdisciplinary debates within global political economy, political ecology, and urban studies.
View course details in MyPlan: T SUD 444

T SUD 445 Urban Ecology (5) SSc
Multidisciplinary approach to the study of dynamic interactions among human and ecological systems in urban settings. Covers processes of urbanization and urbanization's impacts on the earth's ecology. Specific themes include how socioeconomic factors and human preferences drive urban patterns and how these patterns affect ecological processes and cause ecological change.
View course details in MyPlan: T SUD 445

T SUD 475 Community and Economy (5) SSc
Explores the connections between economic practices and local community development under conditions of global, political, and economic interconnectedness. Critically examines the spatial character of capitalist economic behavior and considers a range of challenges confronting efforts to build sustainable and equitable local economies.
View course details in MyPlan: T SUD 475

T SUD 494 Sustainable Urban Development Research (1-5, max. 15)
Individual research projects in urban sustainability carried out under the supervision of an Urban Studies faculty. Prerequisite: T URB 101; T URB 102; either T URB 200 or T URB 350; and T SUD 222.
View course details in MyPlan: T SUD 494

T SUD 498 Sustainable Urban Development Internship (3-5, max. 15)
Provides opportunities to gain experience and apply concepts taught through the Sustainable Urban Development curriculum. Involves learning skills and applying knowledge by working directly with public, non-profit, and private sector organizations concerned with urban sustainability issues. Credit/no-credit only.
View course details in MyPlan: T SUD 498

URBAN DESIGN

T UDE 101 Introduction to Computer Modeling (5) A&H
Introduces students to using urban design computer modeling software SketchUp and rendering software Lumion. Provides in depth and hands-on approach to achieve ability in producing computer aided model and renderings.
View course details in MyPlan: T UDE 101

T UDE 210 Introduction to Urban Design History and Theory (5) A&H
Provides an historical overview of urban design practice and its political economy, allowing students to learn about the intellectual trajectory of the discipline, both within and outside the structures of power.
View course details in MyPlan: T UDE 210

T UDE 260 Urban Design Studio I (5) A&H/SSc
Introduction to the design of public spaces in the urban environment. Examines the intersection of the disciplines of architecture, landscape architecture and planning in the design of public spaces and urban infrastructure. Provides an understanding of the various factors considered in the design process. Introduces students to various design techniques. Prerequisite: T UDE 101
View course details in MyPlan: T UDE 260

T UDE 310 Social Production of Space (5)
Introduces how space is not a container or thing, but is part of social processes and power relations. Examines how space is socially produced and how social relations are shaped by the built landscape. Topics include gender, class, race/ethnicity, disability. Emphasizes integration of theoretical positions and ideas into students' work. Offered: WSp.
View course details in MyPlan: T UDE 310

T UDE 340 Urban Design Studio II (5) SSc/A&H
Introduces students to the importance of public spaces, their typology and design criteria. Learn how to incorporate various theories into their design practice and understand the nature of spatial (re)appropriation and resistance. Discuss community engagement and inclusive design process and practice. Prerequisite: T UDE 260 Offered: A.
View course details in MyPlan: T UDE 340

T UDE 350 Urban Design Studio III (5) A&H/SSc
Focuses on age-specific urban design considerations, particularly for transportation (all modes) and design of public spaces. Prerequisite: T UDE 340 Offered: W.
View course details in MyPlan: T UDE 350

T UDE 360 Urban Design Studio IV (5) SSc/A&H
Focuses on tactical urbanism, helping students acquire skills necessary for short-term/experimental urban interventions projects. Prerequisite: T UDE 350 Offered: Sp.
View course details in MyPlan: T UDE 360

T UDE 440 Urban Design Studio V (5) SSc/A&H
Focuses on neighborhood-level design interventions, allowing students to practice the skills they have acquired in all previous studios. Prerequisite: T UDE 360 Offered: A.
View course details in MyPlan: T UDE 440

T UDE 450 Urban Design Studio VI - Senior Project Part I (5)
Engage in research and acquisition of stakeholder input, focusing on a particular community design challenge. The collected information, including the adopted methodology, will be translated into design options and assembled in the form of a professional report. Prerequisite: T UDE 440. Offered: W.
View course details in MyPlan: T UDE 450

T UDE 460 Urban Design Studio VII - Senior Project Part II (5)
Using the work accomplished TUDE 450, students will complete and fully develop a full design proposal . The final product will be presented to stakeholders and combined with the report from the previous quarter. Prerequisite: T UDE 450. Offered: Sp.
View course details in MyPlan: T UDE 460

URBAN STUDIES

T URB 101 Exploring Cities: An Introduction to Urban Studies (5) SSc
Introduction to the multi-disciplinary field of Urban Studies. Exposes the complexity of everyday life in metropolitan areas. Explores how the various disciplines of sociology, anthropology, geography, economies, and political science have studied and made sense of cities. Special attention given to issues of class, race, and gender.
View course details in MyPlan: T URB 101

T URB 102 Cities in World Development (5) SSc
Focuses on "urban world history" and the urban impacts on economic and cultural history. Explores the contemporary world urban system as part and parcel of the global economy, the origins and long history of cities that "constructed" this world system, and the internal structure of cities.
View course details in MyPlan: T URB 102

T URB 103 Urban Studies in Practice (1-2, max. 4)
Introduces students to the field of urban studies as it is practiced at the University of Washington Tacoma campus. Through a variety of faculty research presentations, guest lectures, public forums, debates, workshops, and other events, students learn to navigate the vast intellectual terrain of urban studies. Credit/no-credit only.
View course details in MyPlan: T URB 103

T URB 110 Introduction to Digital Urban Data Analysis (5) DIV
Provides a methodological foundation to digital research and data analysis technologies to build a unique set of urban analytical tools.
View course details in MyPlan: T URB 110

T URB 200 Introduction to Urban Research (5) SSc
Introduction to research methods pertinent to the study of urban issues, society and culture. Emphasizes the logic of the scientific method, understanding the interrelated stages of the research process, understanding and critiquing quantitative and qualitative research literature, and learning strategies for gathering and analyzing data. Prerequisite: a minimum grade of 2.0 in T URB 101.
View course details in MyPlan: T URB 200

T URB 201 Urban Change and Development (5) SSc
Examines relationships that shape the development of cities under conditions of globalization. Overview of key terms and concepts, examples of changing urban social and economic conditions, and analysis of connections among global processes, urban experiences, and the production of urban space in the United States.
View course details in MyPlan: T URB 201

T URB 205 Images of the City (5) A&H/SSc
Examines how the city is portrayed through various media and how those portrayals affect society's perception of urban places. Discusses imagery from films, literature, television, newspapers, and magazines. Considers images linked to such elements as crime, ethnic enclaves, downtown areas, and suburbia.
View course details in MyPlan: T URB 205

T URB 210 Urban Society and Culture (5) SSc, DIV
An examination of the social structures of cities. Discusses issues related to class, race, ethnicity, and gender. Considers the impact of societal differences on urban form, residential patterns, and labor markets.
View course details in MyPlan: T URB 210

T URB 211 Digital Cities (5) SSc
Examines the impact that information technology has had on the spatial form and socio-economic processes of contemporary metropolitan areas. Covers the information economy; the digital divide; and placemaking applications of mobile technology.
View course details in MyPlan: T URB 211

T URB 220 Introduction to Urban Planning (5) SSc
Introduction to the planning process. Presents and discusses the major planning sub-fields. Topics include housing, transportation, recreation, environmental planning, and preservation planning. Examines techniques associated with growth controls and land use management. Introductory course for students with planning emphasis.
View course details in MyPlan: T URB 220

T URB 225 Statistics for Urban Analysis (5) RSN
Introduces basic methods of both descriptive and inferential statistical analysis, and applies them to topics common to the field of urban planning and community development. Develops a critical perspective on how such methods relate to public discourse and urban policy-making.
View course details in MyPlan: T URB 225

T URB 235 Community Development (3-5) SSc
Examines theories, polices, and practice of community change and development in American cities. Explores ways to assess community conditions, the contributions of various community institutions, impacts of regional, national, and global political economies, community-oriented development strategies, and methods to evaluate community development initiatives
View course details in MyPlan: T URB 235

T URB 250 Immigration, Race, and American Cities (5) SSc, DIV
Discusses the history of immigration and peopling of the U.S., focusing primarily on issues related to race, class, ethnicity, and gender in American cities since the nineteenth century.
View course details in MyPlan: T URB 250

T URB 290 Special Topics in Urban Studies (1-5, max. 15)
Engages students on specialized subject matter in a seminar or studio-style learning environment and provides an opportunity to complement existing courses. Topics will vary and will be based on emergent and topical issues in Urban Studies.
View course details in MyPlan: T URB 290

T URB 301 The Urban Condition (5) SSc
An overview of the city as a place of residence, commerce, and industry. Consideration is given to urban form and function. Social, economic, and political factors affecting urban life and development are discussed. Issues related to social justice and equity are emphasized.
View course details in MyPlan: T URB 301

T URB 305 Data and the City (3) RSN
Studies the intersection of data and everyday urban life. Prepares students to understand what is and is not captured in data and how said data come to represent themselves and their communities.
View course details in MyPlan: T URB 305

T URB 312 Race and Poverty in Urban America (5) SSc, DIV
Examines current research, policy, and debate surrounding race and poverty in urban America. Includes affirmative action, the changing family, cultural identity, the inner-city crisis, interracial relationships, residential

segregation, and the working and non-working poor.
View course details in MyPlan: T URB 312

T URB 314 Gender and the Urban Landscape (5) SSc
Examines linkages between cultural, physical, and symbolic urban landscapes and gender ideologies, structures, and practices. Major themes from gender and urban studies include domestic/public divisions, sexuality and city spaces, consumption, and urban design. Emphasizes integration of theoretical positions and ideas into students' work.
View course details in MyPlan: T URB 314

T URB 316 Cities and Belonging (5) SSc, DIV
Addresses inequality in urban spaces through the concept of belonging and ideas about cultural belonging and legitimacy. While the course is traditional in its concern with urban poverty, race, ethnicity, and immigration, it offers a vocabulary of citizenship and rights to investigate urban inequalities and how various populations experience them.
View course details in MyPlan: T URB 316

T URB 322 Land-Use Planning (5) SSc
Examines the land-use planning process at the local level with a focus on the contemporary United States. Review of theories of land use change, arguments for and against planning intervention, and the role of the land use planner in the local land development arena.
View course details in MyPlan: T URB 322

T URB 324 Urban and Regional Economics (5) SSc
Uses economic frameworks to introduce the determinants of regional economic growth or decline, location of economic activities within urban areas, operation of urban labor markets, and implications of income inequality on urban form and urban growth. Students gain familiarity with major sources of subnational economic and demographic data.
View course details in MyPlan: T URB 324

T URB 325 Urban Transportation: Problems and Prospects (5) SSc
Provides an overview of urban transportation, it challenges and prospects. Examines historical and contemporary issues such as the relationship of mobility to the urban form, environmental concerns, climate change impacts, and the challenges of sustainable urban transportation.
View course details in MyPlan: T URB 325

T URB 340 Urban Social Change (5)
Examines issues that directly affect the strength and vulnerabilities of urban communities and organizations and institution within those communities. Uses case studies to consider how creative participatory approaches can and do influence change.
View course details in MyPlan: T URB 340

T URB 345 Urban Governance (5) SSc
Examines the structure and workings of urban government and non-governmental agencies and organizations. Considers the responsibilities and challenges of governmental and non-governmental organizations along with their impact on the physical and social development of the city.
View course details in MyPlan: T URB 345

T URB 360 The African American Urban Experience (5) SSc
Places African Americans at the center of the American urban condition from the colonial era to the 21st century. Interdisciplinary study of U.S. urban history, contemporary social, cultural and policy research, and

comparative perspectives on race and ethnicity, to illuminate the growth and evolution of African-American urban communities.
View course details in MyPlan: T URB 360

T URB 379 Urban Field Experience (5-15, max. 15)
Urban field course based in a metropolitan area. Examines urban problems, issues, and developments through site visits, presentations by local experts, and student research and reports. Includes visits to U.S. and foreign cities. Topics vary, depending on city visited.
View course details in MyPlan: T URB 379

T URB 403 Professional Development for Urban Careers (2)
Develop and explain the knowledge and skills gained in the Sustainable Urban Development and Urban Studies majors. Make informed decisions about careers and graduate programs. Develop self-assessments, professional portfolio, resume, and/or goals statement for graduate or professional school.
View course details in MyPlan: T URB 403

T URB 410 Environmental Equity (5) SSc
Explores relationships between environmental issues and people of color and low-income communities from both local and global perspectives. Emphasizes issues of race/ethnicity, socioeconomic status, and policy and politics in environmental equity. Offered: jointly with T HLTH 410.
View course details in MyPlan: T URB 410

T URB 425 Spatial Statistics (5) RSN
Provides advanced training in spatial statistics, ranging from descriptive spatial statistics to methodologies focusing on spatial patterns and relationships. Course overlaps with: GEOG 426. Prerequisite: T URB 101; T URB 102; either T URB 200 or T URB 350; and T URB 220.
View course details in MyPlan: T URB 425

T URB 430 Pacific Rim Cities (5) SSc
Examines links between urbanization and globalization on the Pacific Rim and connections between events and social/economic processes in places that seem distinct (e.g., China, Canada, Mexico, Philippines). Case studies and discussion topics include questions of class formation, political change, migration patterns, and gender/family dynamics.
View course details in MyPlan: T URB 430

T URB 432 Understanding Metropolitan Regions (5) SSc
Explores patterns and policy problems associated with managing large U.S. metropolitan regions, especially shifting city-suburb relationships and major development challenges. Includes discussion of demographic change, socioeconomic trends, public policies, and political programs link cities and suburbs at multiple scales of governance.
View course details in MyPlan: T URB 432

T URB 460 Urban Issues in the Developing World (5) SSc
Examines challenges associated with urban development and societal change in developing countries. Examines topics such as mega cities, squatter housing, and informal labor. Adopts a geographical perspective and focuses on local governance issues.
View course details in MyPlan: T URB 460

T URB 470 Creating the Urban Narrative (5) SSc
Dissects the axiom "history is written by the winner". Examines how cities' narratives are created, sustained, and reinvented. Focuses on the assumptions and accepted histories of institutions, issues, conflicts, and

cultures and their interconnectivity - through exposure to diverse tools used to create urban narratives. Prerequisite: T URB 101; T URB 102; either T URB 200 or T URB 350; and T SUD 222.
View course details in MyPlan: T URB 470

T URB 479 Planning and Development in the Puget Sound Region (3-12, max. 12) SSc
Examines the problems and prospects associated with rapid growth in the Seattle-Tacoma urban region. Includes site visits and discussions with public officials, planners and developers. Topics/sites vary and include such issues as growth management, sprawl, transportation, sustainable development, land use, and environmental protection.
View course details in MyPlan: T URB 479

T URB 480 Housing in the United States (5) SSc
Examines the principles, concepts, and tools central to housing in the United States. Acquire a broad knowledge base of state and federal housing markets, policies/programs. Identify appropriate policies to suit multiple urban contexts. Develop an understanding of at least one innovative approach to address the need for affordable housing.
View course details in MyPlan: T URB 480

T URB 485 South Africa in Transition: Community Development and Education As Transformation (5) SSc
Hands-on look at NGOs and schools in an under-resourced and struggling township located in South Africa. Critical exposure to, and examination of, the role and challenges of organizations attempting to lead community development and education efforts within a globalized, new democracy which itself struggles with post-apartheid racism and inequities. Credit/no-credit only. Offered: jointly with T EDUC 485.
View course details in MyPlan: T URB 485

T URB 489 Advanced Urban Field Experience (5-15, max. 15) SSc
Examines urban development and issues through site visits, presentations by local experts, and student research and reports; carry out original research; and analyze primary data. Topics covered will vary depending on the city visited.
View course details in MyPlan: T URB 489

T URB 490 Special Topics in Urban Studies (5, max. 15) SSc
Examines specific issues of interest in a seminar-style learning environment. Topics include issues in urban geography, cultural anthropology, urban sociology, community development, urban political economy, planning theory, environmental equity, and critical policy studies that are significant to the growth and development of cities Prerequisite: T URB 101; T URB 102; either T URB 200 or T URB 350; and T URB 220.
View course details in MyPlan: T URB 490

T URB 494 Urban Research (1-15, max. 15)
Individual research project carried out under the supervision/direction of an Urban Studies faculty member. Prerequisite: T URB 101; T URB 102; either T URB 200 or T URB 350; and T SUD 222.
View course details in MyPlan: T URB 494

T URB 496 Community Service Project (3-15, max. 15)
In conjunction with faculty adviser, students develop and implement a community service-learning project. Involves activities such as assistance to disadvantaged populations, community outreach programs, policy analysis, or related work intended to improve the quality of life in the community. Includes academic study designed to integrate practical applications with learning and theory. Course equivalent to: BIS 496. Credit/no-credit only.
View course details in MyPlan: T URB 496

T URB 498 Urban Studies Internship (3-15, max. 15)
Provides opportunities to gain experience and apply concepts taught in the Urban Studies classroom. Involves learning skills and applying knowledge by working directly with public, non-profit, and private sector organizations concerned with urban issues. Credit/no-credit only.
View course details in MyPlan: T URB 498

FACULTY

For a complete faculty listing, please visit: https://directory.tacoma.uw.edu/faculty

School of Education

Professors
Julia Aguirre, Ph.D., University of California Berkeley, 2002
K. Rachel Endo, Ph.D., University of Illinois at Urbana-Champaign (Dean)
Laura Feuerborn, Ph.D., University of Oregon, 2004
Diane Kinder, Ph.D., University of Oregon, 1987 (Emeritus)
Christopher B. Knaus, Ph.D., University of Washington Seattle, 2002
Belinda Y. Louie, Ph.D., University of Washington Seattle, 1991
Ginger MacDonald, Ph.D., University of Washington Seattle, 1990 (Emeritus)
Elavie Ndura, Ed.D., Northern Arizona University
Marcy Stein, Ph.D., University of Washington Seattle, 1988 (Emeritus)
Matthew Weinstein, Ph.D., University of Wisconsin–Madison, 1995 (Emeritus)

Associate Professors
Kathleen Beaudoin, Ph.D., University of British Columbia, 1999
K. Kawena Begay, Ph.D., University of Washington Seattle, 2016
José Rios, Ph.D., University of Wisconsin–Madison, 1995

Assistant Professors
Dawn Hardison-Stevens, Ph.D., Antioch University, 2014
Sarah Arvey Tov, Ph.D., University of Washington

Assistant Teaching Professor
Miranda Kucera, Ph.D.

School of Engineering & Technology

Professors
Mohamed Ali, Ph.D., Purdue University, 2007
Yan Bai, Ph.D., University of British Columbia, 2003
Orlando Baiocchi, Ph.D., University College London, 1976
Joel Baker, Ph.D., University of Minnesota, 1988
Larry Crum, Ph.D., Marquette University, 1971 (Emeritus)
Debasis Dawn, Ph.D., Tohoku University, 1993
Martine De Cock, Ph.D., Ghent University, 2002
Heather Dillon, Ph.D, University of Washington Seattle, 2011
Bryan Goda, Ph.D., Rensselaer Polytechnic Institute, 2001

Rajendra Katti, Ph.D., Washington State University, 1991 (Dean)
Massimiliano Laddomada, Ph.D., Polytechnic University of Turin, 2003
George Mobus, Ph.D., University of North Texas, 1994 (Emeritus)
Mark A. Pagano, Ph.D., Southern Illinois University Carbondale, 1992
Cleonilson Protasio de Souza, Ph.D., Universidade Federal de Campina Grande, 2005 (Affiliate)
Moshe Rosenfeld, Ph.D., Hebrew University of Jerusalem, 1967 (Emeritus)
Josh Tenenberg, Ph.D., University of Rochester, 1988
Ankur Teredesai, Ph.D., SUNY University at Buffalo, 2002
Ka Yee Yeung, Ph.D., University of Washington Seattle, 2001

Associate Professors
Eyhab Al-Masri, Ph.D., University of Guelph - Guelph, Ontario, 2009
Paulo Barreto, Ph.D., University of São Paulo, 2003
Wei Cheng, Ph.D., George Washington University, 2010
Donald Chinn, Ph.D., University of Washington Seattle, 1995
Vahid Dargahi, Ph.D., Clemson University, 2017
Robert Gutmann, Ph.D., Iowa State University, 1976 (Affiliate)
Emese Hadnagy, Ph.D., University of New Hampshire
Juhua Hu, Ph.D., Simon Fraser University. 2017
Hee-Seok Kim, Ph.D., University of Washington Seattle, 2013
Seung-Jin Lee, Ph.D, University of Washington Seattle, 2011
Wes Lloyd, Ph.D., Colorado State University, 2014
Jie Sheng, Ph.D., University of Alberta, 2002
Zhiquan (Andy) Shu, Ph.D, University of Washington Seattle, 2013
Jeff Walters, Ph.D., University of Colorado Boulder, 2015

Assistant Professors
Lorne Arnold, Ph.D., University of Washington, 2016
Wei Cai, Ph.D., University of British Columbia, 2016
Zhi-Qi Cheng, Ph.D., Carnegie Mellon University, 2019
Zachary Colburn, Ph.D., Washington State University, 2018 (Affiliate)
Cassandra Donatelli, Ph.D., Tufts University, 2019
Wenjun (Eric) Fan, Ph.D., Technical University of Madrid (Spain), 2017
Luanzheng (Lenny) Guo, Ph.D., University of California Merced, 2020 (Affiliate)
Seyyed Babk Hamidi, Ph.D., North Dakota State University, 2020 (Affiliate)
Ling-Hong Hung, Ph.D., University of Western Ontario, 2001
Mohammed Jasim, Ph.D., University of South Florida, 2018
Sarah Kim, Ph.D., Washington State University (Affiliate)
Angela Kitali, Ph.D., Florida International University, 2020
Hengshuo (Winston) Liang, Ph.D., Towson University, 2024
Xutong Liu, Ph.D., Chinese University of Hong Kong, 2022
Michael McCourt, Ph.D., University of Notre Dame, 2013
Morteza Nabavinejad, Ph.D., Sharif University of Technology, 2018
Nicole Ortogero, Ph.D., University of Nevada, Reno, 2014 (Affiliate)
Casey Quinn, Ph.D., Colorado State University, 2018 (Affiliate)

Chris Riley, Ph.D., Johns Hopkins University, 2004 (Affiliate)
Olga Sala Torra, M.D., University of Navarra, 1996 (Affiliate)
Shanu Sushmita, Ph.D., University of Glasgow, 2012 (Affiliate)
Damiano Torre, Ph.D., Carleton University, 2018
Zikai Alex Wen, Ph.D., Cornell University, 2021
Dongfang Zhao, Ph.D., Illinois Institute of Technology, 2015

Teaching Professors
Menaka Abraham, Ed.D., University of Dayton, 2025
Charles Costarella, M.S., University of Washington Tacoma, 2013
Christopher Marriott, Ph.D., University of Calgary, 2009
Monika Sobolewska, M.A., Wayne State University, 2008
Ankur Suri, M.S., Louisiana State University, 2005

Associate Teaching Professors
Thomas Capaul, M.S., Eastern Washington University, 1997
Matthew Ford, Ph.D., Northwestern University, 2018
Ingrid Horakova, M.S., Comenius University, 1989
Thillainathan Logenthiran, Ph.D., National University of Singapore, 2012
Raghavi Sakpal, Ph.D., University of North Carolina, 2015

Assistant Teaching Professors
Nara Almeida, D.Eng., Lamar University, 2020
Charles Bryan, M.S., University of Washington Tacoma, 2010
Alan Fowler M.S., University of Washington Tacoma, 2008
Deveeshree Nayak, M.S., University of Memphis, 2018
David Schuessler, M.S., Southern Illinois University at Carbondale, 1996
Nafiul Siddique, Ph.D., New Mexico State University Las Cruces, 2016
Matthew Tolentino, Ph.D., Virginia Polytechnic Institute and State University, 2009
James West, Ph.D., University of Phoenix, 2010

School of Interdisciplinary Arts & Sciences

Professors
Michael Allen, Ph.D., University of Washington Seattle, 1985 (Emeritus)
Katie Baird, Ph.D., University of Massachusetts, 2000
Anne Beaufort, Ph.D., Stanford University, 1995 (Emeritus)
James F. Brown, Ph.D., New York University, 1974 (Emeritus)
Kima Cargill, Ph.D., University of Texas at Austin, 2002
David Coon, Ph.D., Indiana University, 2008
Robert Crawford, Ph.D., University of Chicago, 1974 (Emeritus)
Chris Demaske, Ph.D., University of Oregon, 2001
Cynthia Duncan, Ph.D., University of Illinois, 1983 (Emeritus)
Natalie Eschenbaum, Ph.D., Emory University, 2006 (Dean)

James Gawel, Ph.D., Massachusetts Institute of Technology, 1996
Claudia Gorbman, Ph.D., University of Washington Seattle, 1978 (Emeritus)
Mary Hanneman, Ph.D., University of Washington Seattle, 1991
Michael Honey, Ph.D., Northern Illinois University, 1988 (Emeritus)
Peter Horak, Ph.D., Comenius University, 1980
Michael Kalton, Ph.D., Harvard University, 1977 (Emeritus)
Tarang Khangaonkar, Ph.D., University of Miami, 1990 (Affiliate)
Lawrence Knopp, Ph.D., University of Iowa, 1989 (Emeritus)
Ed Kolodziej, Ph.D., University of California, Berkeley, 2004
Tomas Koontz, Ph.D., Indiana University, 1997
William Kunz, Ph.D., University of Oregon, 1998
Divya McMillin, Ph.D., Indiana University, 1998
Benjamin Meiches, Ph.D., Johns Hopkins University, 2015
Michelle Montgomery, Ph.D., University of New Mexico, 2010
Beverly Naidus, M.F.A., Nova Scotia College of Art and Design, 1978 (Emeritus)
Amós Nascimento, Ph.D., Universität Frankfurt, 1997
Sushil K. Oswal, Ph.D., University of Cincinnati, 1994
Jennifer Quinn, Ph.D., University of Wisconsin–Madison, 1993 (Emeritus)
Emma Rose, Ph.D., University of Washington Seattle, 2011
Huatong Sun, Ph.D., Rensselaer Polytechnic Institute, 2004
Carolyn West, Ph.D., University of Missouri–St. Louis, 1994

Associate Professors
Luther Adams – Free Man of Color, Ph.D., University of Pennsylvania, 2002
Ji-Hyun Ahn, Ph.D., University of Texas, 2013
Dolores (Loly) Alcaide Ramirez, Ph.D., Purdue University, 2006
Yajun An, Ph.D., University of Washington Seattle, 2015
Ellen Bayer, Ph.D., Purdue University, 2010
Christopher Beasley, Ph.D., DePaul University, 2013
Bonnie Becker, Ph.D., University of California, San Diego, 2005
Alison Cardinal, M.A., Western Washington University, 2009
Rubén Casas, Ph.D., The University of Wisconsin-Madison, 2016
Edward Chamberlain, Ph.D., Indiana University, 2012
EC Cline, Ph.D., University of Washington Seattle, 2004
Jane Compson, Ph.D., University of Bristol, 1998
Sonia De La Cruz, Ph.D., University of Oregon, 2014
Vanessa de Veritch Woodside, Ph.D., University of New Mexico, 2012
Joyce Dinglasan-Panlilio, Ph.D., University of Toronto, 2008
Julia Eaton, Ph.D., University of Washington Seattle, 2010
Michael Forman, Ph.D., Rutgers University, 1995
Cheryl Greengrove, Ph.D., Columbia University, 1986
Rachel Hershberg, Ph.D., Boston College, 2012
Emily Ignacio, Ph.D., University of Illinois at Urbana-Champaign, 1998
Natalie Jolly, Ph.D., The Pennsylvania State University, 2007
Maureen Kennedy, Ph.D., University of Washington Seattle, 2008

Kelly Kim, Ph.D., California Institute of Technology, 2016
Zaher Kmail, Ph.D., University of Nebraska-Lincoln, 2019
Pamela Krayenbuhl, Ph.D., Northwestern University, 2017
Michael Kucher, Ph.D., University of Delaware, 2000 (Emeritus)
Michael S. Kula, M.F.A., Emerson College, 1999
Hyoung Suk Lee, Ph.D., University of Texas at El Paso, 2010
Anna Lovász, Ph.D., University of Washington, 2008
Nita McKinley, Ph.D., University of Wisconsin–Madison, 1995 (Emeritus)
Danica Miller, Ph.D., Fordham University, 2013
Andrea Modarres, Ph.D., University of Arizona, 2013
David Morris, Ph.D., University of Washington Seattle, 1984 (Emeritus)
Marc Nahmani, Ph.D., University of Virginia, 2008
Randall Nichols, Ph.D., University of Oregon, 2005
Ariana Ochoa Camacho, Ph.D., New York University, 2016
Samuel Parker, Ph.D., University of Chicago, 1989 (Emeritus)
Deirdre Raynor, Ph.D., University of Washington Seattle, 1997
Johann Reusch, Ph.D., University of California, Los Angeles, 1994
Stephen Ross, Ph.D., University of Texas at El Paso, 2008
Peter Selkin, Ph.D., Scripps Institution of Oceanography, University of California, San Diego, 2003
Amanda Sesko, Ph.D., University of Kansas, 2011
Emmett Joseph Sharkey, Ph.D., University of California, Davis, 1998
Riki Thompson, Ph.D., University of Washington Seattle, 2007
Emily Thuma, Ph.D., New York University, 2011
Erik Tou, Ph.D., Dartmouth College, 2007
Etga Ugur, Ph.D., University of Utah, 2011
Ingrid Walker, Ph.D., University of California, Santa Cruz, 1992 (Emeritus)
Charles Williams, Ph.D., University of California, Berkeley, 2005

Assistant Professors
Sarah Alaei, Ph.D., Columbia University, 2013
David Arthur, Ph.D., Purdue University, 2024
Gordon R. Barnes Jr., M.Phil., The Graduate Center, CUNY, 2016 (Acting)
Hannah E.R. Baughman, Ph.D., University of Washington, 2019
Angel Cabrera Silva, S.J.D., Harvard Law School (Candidate) (Acting)
Tawanda Chivese, Ph.D., University of Cape Town, 2021
Julia Dancis, Ph.D., Portland State University, 2022
Sara Eccleston, Ph.D., Vanderbilt University
Tabitha Espina, Ph.D., Washington State University, 2020
Alison Gardell, Ph.D., University of California-Davis, 2013
Anna M. Groat Carmona, Ph.D. University of California Berkeley, 2011
Matthew Harvey, Ph.D., University of South Carolina, 2021
Eliza Heery, Ph.D., University of Washington, 2017
Sana Khalil, Ph.D., University of Massachusetts Amherst, 2022
Jonah Li, Ph.D., Indiana University Bloomington, 2022

Maeve O'Donnell, Ph.D., Colorado State University, 2019
Yixuan Pan, M.F.A., Temple University
Anthony Pratcher II, Ph.D., University of Pennsylvania, 2017
Ila Ravichandran, Ph.D., University of Illinois, Chicago, 2023
I-An (Amy) Su, Ph.D., Cornell University, 2025
Jenny (Yi) Xiao, Ph.D., New York University, 2016

Teaching Professors
Linda Nicole Blair, Ph.D., University of Tennessee, Knoxville, 1989
Leighann Chaffee, M.A., Northern Arizona University, 2008
Joanne Clarke Dillman, Ph.D., George Mason University, 2009
Margaret Griesse, Ph.D., Johann Wolfgang Goethe University, 2002
Jutta Heller, Ph.D., Johns Hopkins University School of Medicine, 2001
Cynthia Howson, Ph.D., School of Oriental and African Studies, London, 2011
Ever Jones, M.F.A., University of North Carolina Wilmington, 2008
Leanne Laux-Bachand, M.A., Western Washington University, 2013
Julie Masura, M.S., Washington State University, 1998
Lauren Montgomery, Ph.D., University of Washington Seattle, 1988 (Emeritus)
Ellen Moore, Ph.D., University of Illinois at Urbana-Champaign, 2010
Alexandra Leah Nutter, Ph.D., Pennsylvania State University, 2014
Libi (Elizabeth) Sundermann, Ph.D., University of California, Davis, 2009
Tanya Grace Velasquez, M.A., University of Washington Tacoma, 2011
Jack Vincent, Ph.D., University of Washington Seattle, 2008

Associate Teaching Professors
Maria-Tania Bandes Becerra Weingarden, Ph.D., Wayne State University, 2008
Alan Bartlett, Ph.D., University of Washington Seattle, 2015
Joan Bleecker, Ph.D., University of Washington Seattle, 2015
Tyler Budge, M.F.A., Illinois State University, 2002
William Burghart, Ph.D., University of Maryland, College Park, 2015
Ryan Card, Ph.D., University of Washington Seattle, 2009
Sarah Chavez, Ph.D., University of Nebraska - Lincoln, 2014
Margaret Henderson, Ph.D., Georgia Tech, 1986 (Emeritus)
Eva Ma, Ph.D., University of Washington Seattle, 2009
Augustus (Augie) Machine, M.A., University of Iowa, 2004
Bidisha Mallik, Ph.D., University of North Texas, 2014
Jacob Martens, M.F.A., Oregon State University, 2005
Erik McDonald, M.S., Central Michigan University, 2008
Alex (Theodore) Miller, Ph.D., Fordham University, 2013
Jennifer Myers, Ph.D., University of Washington Seattle, 2011
Luke Perone, Ph.D., University of Illinois, Chicago, 2013
Scott Rayermann, M.S., University of Washington Seattle, 2015
Haley Skipper, M.S., University of North Dakota, 2007
Rita (Duong) Than, M.S., University of Colorado, 2016
Ruth Vanderpool, Ph.D., University of Oregon, 2009

Assistant Teaching Professors
Morgan Heinz, M.S., Villanova University, 2011
Jeong-Ah Lee, Ph.D., Virginia Polytechnic Institute, 2016
Laura Murphy, Ph.D., University of Washington Seattle, 2018
Allen Olson, M.S., University of Washington Seattle, 1992
Olga Shatunova, M.A. Moscow University, 1984

Milgard School of Business

Professors
Haluk Demirkan, Ph.D., University of Florida, 2002
Patricia Fandt, Ph.D., Florida State University, 1986 (Emeritus)
Ehsan H. Feroz, Ph.D., University of Chicago, 1982 (Emeritus)
Rupinder Jindal, Ph.D., INSEAD France, 2006
Altaf Merchant, Ph.D., Old Dominion University, 2008 (Gary E. and James A. Milgard Endowed Dean)
Gregory Noronha, Ph.D., Virginia Tech, 1990 (Emeritus)
Jill M. Purdy, Ph.D., The Pennsylvania State University, 1994
Gregory M. Rose, Ph.D., University of Oregon, 1995
Shahrokh Saudagaran, Ph.D., University of Washington Seattle, 1986
Howard L. Smith, Ph.D., University of Washington, 1976
Arindam Tripathy, Ph.D., University of Texas, Dallas, 2006

Associate Professors
Zoe Barsness, Ph.D., Northwestern University, 1996
Daniel Bryan, Ph.D., University of Oregon, 2002
Zhiyan (Juliet) Cao, Ph.D., Yale University, 2006
Sergio Davalos, Ph.D., University of Arizona, 1992
Marion Eberly, Ph.D., University of Washington Seattle, 2011
Arthur Jago, Ph.D., Stanford University, 2018
Shalini Jain, Ph.D., University of Washington Seattle, 2013
Fei Leng, Ph.D., University of Tennessee, Knoxville, 2006
Jinlan Ni, Ph.D., Purdue University, 2004
Stephen Norman, Ph.D., Cornell University, 2006
Gim Seow, Ph.D., University of Oregon, 1985 (Emeritus)
Tracy A. Thompson, Ph.D., Northwestern University, 1994 (Emeritus)
Xia (Eliza) Zhang, Ph.D., University of Missouri, 2015
Xingyue (Luna) Zhang, Ph.D., Lehigh University, 2018

Assistant Professors
Alireza Boloori, Ph.D., Arizona State University, 2019
Ben Chen, Ph.D., University of Texas at Dallas
Ray Fang, Ph.D., University of Toronto, 2019
S. Joseph Shin, Ph.D., University of Washington, 2022
Juan Wu, Ph.D., University of Oregon, 2022

Teaching Professors
G. Kent Nelson, Ph.D., University of Washington Seattle, 1994 (Emeritus)

Associate Teaching Professors
Evelyn Shankus, M.S., San Francisco State University, 1992
Gary Viers, M.Acc., University of Washington Tacoma, 2013

Assistant Teaching Professors
Gordon Craig, M.B.A., University of Phoenix, 2008
Abel Hernandez, M.B.A., University of Washington Tacoma
Hui Suk So, MAcc., University of Washington Tacoma, 2018
Michael Turek, M.S., University of Washington Tacoma, 2020

School of Nursing & Healthcare Leadership

Professors
Marjorie C. Dobratz, R.N., D.N.Sc., University of San Diego, 1990 (Emeritus)
Denise Drevdahl, R.N., Ph.D., University of Washington Seattle, 1996
Robin Evans-Agnew, R.N., Ph.D., University of Washington Seattle, 2011
Katie Anne Haerling (Adamson), R.N., Ph.D., Washington State University, 2011
Kären Landenburger, R.N., Ph.D., University of Washington Seattle, 1987 (Emeritus)
June S. Lowenberg, R.N., Ph.D., University of California, San Diego, 1985 (Emeritus)

Associate Professors
Chieh (Sunny) Cheng, R.N., Ph.D., University of Washington Seattle, 2017
Sharon Gavin Fought, R.N., Ph.D., University of Texas Austin, 1983 (Emeritus)
Susan L. Johnson, R.N., Ph.D., University of Washington Seattle, 2013 (Emeritus)
Sharon S. Laing (Steele), Ph.D., Howard University, 2005
Janet Primomo, R.N., Ph.D., University of Washington Seattle, 1989 (Emeritus)
Ruth Rea, R.N., Ph.D., University of Texas at Austin, 1987 (Emeritus)
David J. Reyes, R.N., D.N.P., University of Washington Seattle, 2013 (Dean)
Christine Stevens, R.N., Ph.D., University of Washington Seattle, 2004
Cathy Tashiro, R.N., Ph.D., University of California, San Francisco, 1998 (Emeritus)
Weichao Yuwen, R.N., Ph.D., University of Washington Seattle, 2016

Assistant Professors
Jodi Erickson, Ph.D., Villanova University, 2021
Jingyi Li, R.N., Ph.D., University of Washington, 2022

Teaching Professors
Patsy Maloney, R.N., Ed.D., University of Southern California, 1994

Associate Teaching Professors
Kathleen Shannon Dorcy, R.N., Ph.D., University of Utah, 2011 (Emeritus)

Assistant Teaching Professors
Tim Feagan, Ph.D., Gonzaga University
Carmen Lewis, Ed.D., University of Mary Hardin-Baylor, 2021

School of Social Work & Criminal Justice

Professors
Charles A. Emlet, Ph.D., Case Western Reserve University, 1998 (Emeritus)
Jerry Finn, Ph.D., University of Wisconsin–Madison, 1980 (Emeritus)
Rich Furman, Ph.D., Yeshiva University, 2001 (Emeritus)
Marian S. Harris, Ph.D., Smith College, 1997 (Emeritus)
Marceline M. Lazzari, Ph.D., University of Denver, 1990 (Emeritus)
Eric Madfis, Ph.D., Northeastern University, 2012
Keva Miller, L.C.S.W., Ph.D., Fordham University, 2008 (Dean)
Cindy Sousa, Ph.D., University of Washington Seattle, 2012
Diane S. Young, Ph.D., University of Washington Seattle, 1997 (Emeritus)

Associate Professors
Anindita Bhattacharya, Ph.D., Columbia University, 2019
Kenneth Cruz, Ph.D., University of California, Irving, 2016
Michelle D. Garner, Ph.D., University of Washington Seattle, 2007
Janelle Hawes, Ph.D., Bowling Green State University, 2016
JaeRan Kim, Ph.D., University of Minnesota, 2015
Janice H. Laakso, Ph.D., University of Texas at Austin, 1999 (Emeritus)
Randy Myers, Ph.D., University of California, Irvine, 2012
Claudia Sellmaier, Ph.D., Portland State University, 2015
Grant Tietjen, Ph.D., University of Nebraska-Lincoln, 2013
Barbara Toews, Ph.D., Bryn Mawr College, 2014

Assistant Professors
Asia Bishop, Ph.D., University of Washington, 2021
Jarrod Call, Ph.D., University of Denver, 2022
Vern Harner, Ph.D., University of Washington, 2022

Teaching Professors
Thomas M. Diehm, Ph.D., Portland State University, 2004 (Emeritus)

Associate Teaching Professors
Andrea Hill, Ph.D., Northeastern University, 2016

Assistant Teaching Professors
Nancy Kuhuski, M.S.W., University of Washington Tacoma, 2018
Ronald San Nicolas, Ph.D., University of Hawaii at Manoa, 1998
Megan Toothaker, M.S.W., Walla Walla University, 2015

Senior Lecturer
Teresa Holt-Schaad, M.S.W., University of Washington Tacoma, 2001 (Emeritus)

School of Urban Studies

Professors
Brian Coffey, Ph.D., University of Oregon, 1982 (Emeritus)
Yonn Dierwechter, Ph.D., London School of Economics, 2001
James Harrington, Ph.D., University of Washington, 1983 (Emeritus)
Lisa Hoffman, Ph.D., University of California, Berkeley, 2000
Ali Modarres, Ph.D., University of Arizona, 1990 (Emeritus)
J. Mark Pendras, Ph.D., Rutgers University, 2005
Anne Taufen, Ph.D., University of California, Irvine, 2007

Associate Professors
Matthew Kelley, Ph.D., The Pennsylvania State University, 2007
Anaid Yerena, Ph.D., University of California, Irvine, 2015

Assistant Professors
Jennifer Arnold, Ph.D., University of Florida, 2011 (Affiliate)
Atyeh Ashtari, Ph.D., University of Illinois Urbana-Champaign, 2024
Jessi Quizar, Ph.D., University of Southern California, 2014
Bára Safárová, Ph.D., Texas A&M University, 2019

Associate Teaching Professors
Linda Hurley Ishem, Ph.D., University of Washington, 2008 (Emeritus)
Gregory Lund, M.G.I.S., University of Washington Seattle, 2013

Assistant Teaching Professors
Anthony Falit-Baiamonte, Ph.C. (ABD), University of Washington Seattle, 1999