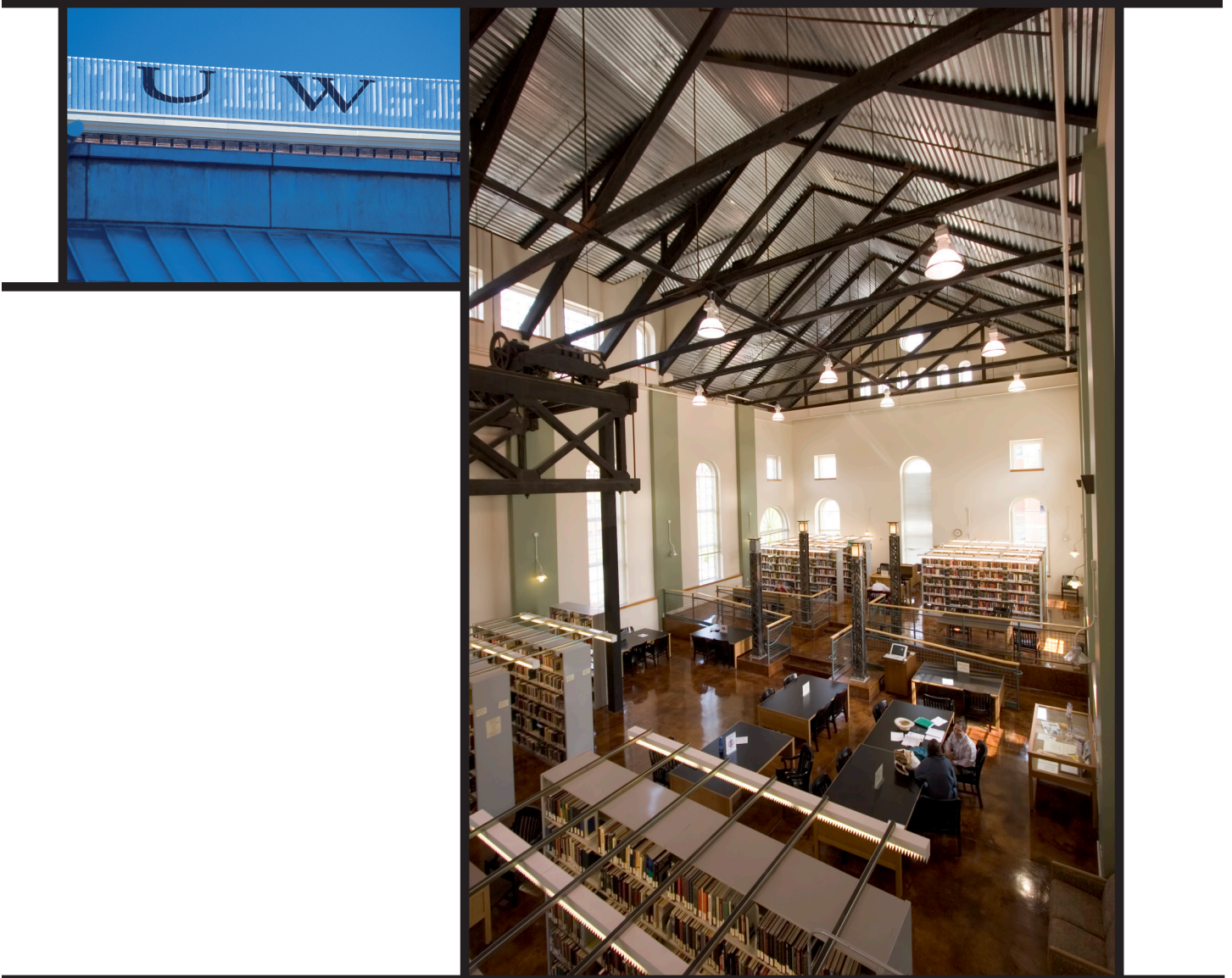
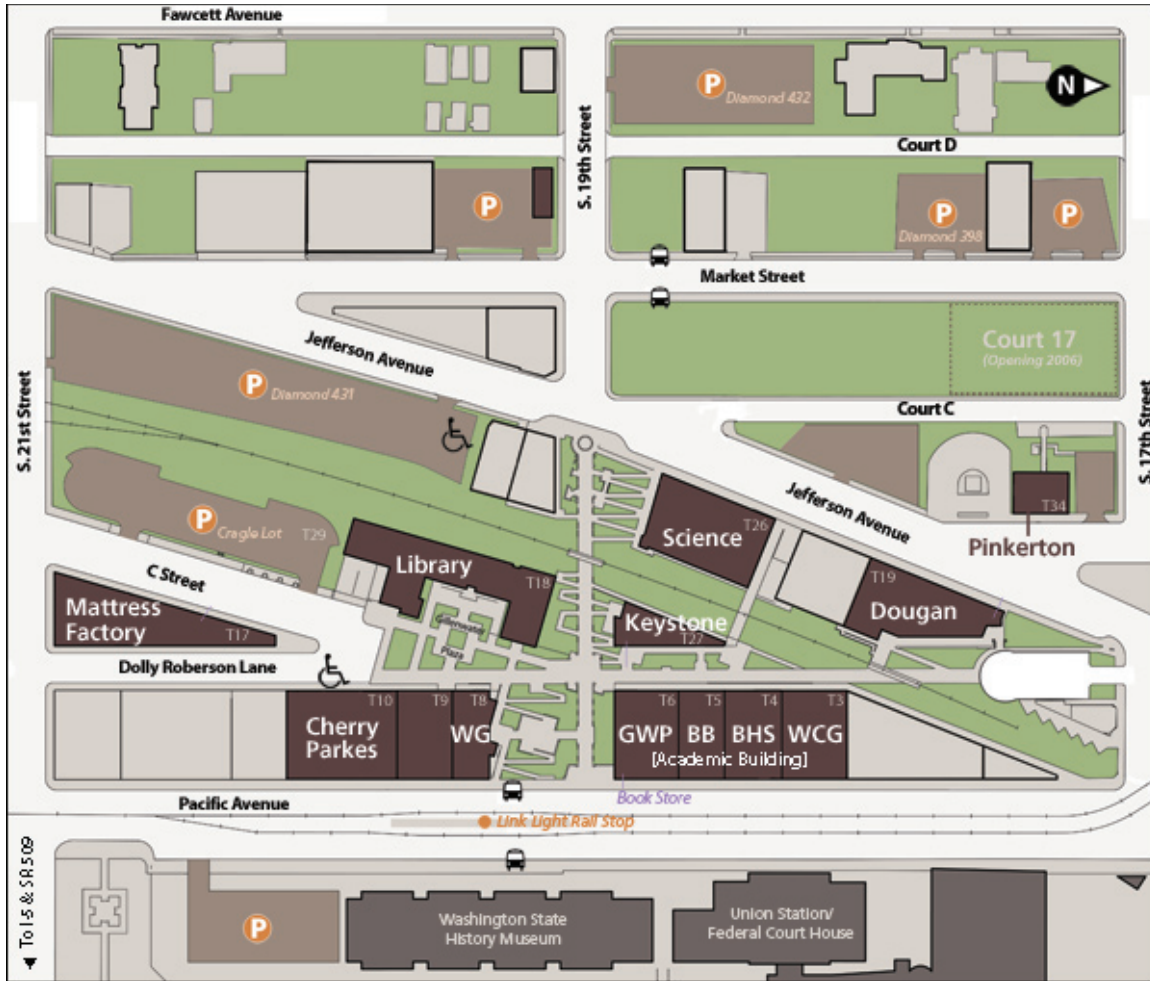


Catalog

2005-2006
Spring Quarter Edition





PROGRAM OFFICES:

Milgard School of Business.....	DOU 401
Education.....	WCG 324
Institute of Technology/Computing and Software Systems	PNK 210
Interdisciplinary Arts and Sciences.....	WCG 424
Nursing	CP 326
Social Work	WCG 203
Urban Studies.....	WCG 324

OTHER OFFICES:

Advancement, Office of	GWP 407
Career Services Center	MAT 106
Center for Teaching, Learning & Technology.....	KEY 202
Chancellor, Office of	GWP 312
Computer Lab.....	WG 108
Copy/Mail Center	WCG 105
Disability Support Services.....	MAT 207
Enrollment Services and Student Affairs, Office of	GWP 102
KeyBank Professional Development Center.....	WCG 223
Media Services	MAT 253
Registrar	GWP 102
Safety and Security Services	DOU 180
Student Counseling Center	MAT 207
Student Life Office.....	MAT 108
Student Government (ASUWT).....	MAT 106

KEY TO ABBREVIATIONS:

BB	Birmingham Block Building
BHS	Birmingham Hay & Seed Building
CP	Cherry Parkes
DOU	Dougan Building
GWP	Garretson Woodruff Pratt Building
KEY	Keystone Building
MAT	Mattress Factory
PNK	Pinkerton Building
SCI	Science Building
WCG	West Coast Grocery Building
WG	Walsh Gardner Building

Contents

General Information	5
Academic Calendar	7
Financial Aid.....	8
Tuition and Fees.....	10
Registration	13
Academic and University Policies.....	16
Undergraduate and Postbaccalaureate Academic Programs	
Admission and Graduation Requirements	20
Business Administration.....	25
Computing and Software Systems	35
Environmental Science	58
Global Honors	43
Interdisciplinary Arts and Sciences	45
Nursing (RN to BSN)	75
Social Welfare	81
Teacher Certification (K-8)	87
Urban Studies.....	91
Minors and Certificates.....	99
Graduate Academic Programs	
Admission and Graduation Requirements	105
Business Administration.....	109
Computing and Software Systems	113
Education.....	117
Educational Administrator	119
Professional Certification.....	120
Interdisciplinary Studies.....	125
Nursing	129
Social Work.....	135
Staff	139
Index	140



The University of Washington reaffirms its policy of equal opportunity regardless of race, color, creed, religion, national origin, sex, sexual orientation, age, marital status, disability, or status as a disabled veteran or Vietnam-era veteran. This policy applies to all programs and facilities including, but not limited to, admissions, educational programs, employment, and patient and hospital services.

Any discriminatory action can be a cause for disciplinary action. Discrimination is prohibited by Presidential Executive Order 11246 as amended; Washington State Gubernatorial Executive Orders 89-01 and 93-07; Titles VI and VII of the Civil Rights Act of 1964; Washington State Law Against Discrimination RCW 49.60; Title IX of the Education Amendments of 1972; State of Washington Gender Equity in Higher Education Act of 1989; Sections 503 and 504 of the Rehabilitation Act of 1973; Americans with Disabilities Act of 1990; Age Discrimination in Employment Act of 1967 as amended; Age Discrimination Act of 1975; Vietnam Era Veterans' Readjustment Act of 1972 as amended; other federal and state statutes, regulations; and University policy. Coordination of the compliance efforts of the University of Washington with respect to all of these laws and regulations is under the direction of the Assistant Provost for Equal Opportunity, Dr. Helen Remick, University of Washington, Equal Opportunity Office, Box 354560, 4045 Brooklyn Avenue Northeast, Seattle, WA 98195, 206-685-3263 or 206-543-6452 (TTY).

Additional information concerning the equal opportunity and affirmative action policies and procedures, including complaint procedures, is in the Operations Manual, D46.1, D46.2, D46.3 and D46.4, and the UW Handbook, Vol. IV, p. 44.

For information on reasonable accommodation for students with disabilities, call Disability Support Services, 253-692-4493 or 253-692-4413 (TTY), or e-mail dssuwt@u.washington.edu.

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 UWT'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 advisers or program for the most current information.

The quarterly Registration Guide (www.tacoma.washington.edu/studentaffairs/) 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.

General Information

The University of Washington, Tacoma serves the South Puget Sound region by offering upper-division, certificate and graduate-level programs of the highest academic quality. The campus schedules its classes in ways that accommodate the needs of students who have substantial commitments to work and family. The various courses of study at UWT produce highly knowledgeable and capable graduates who go on to make impressive contributions in their careers and in their communities.

Mission

The University of Washington, Tacoma educates diverse learners and transforms communities by expanding the boundaries of knowledge and discovery.

Vision

The University of Washington, Tacoma envisions itself at the hub of a vibrant community recognized as being among the best educated in the country. As one of three campuses of a world-class university, UW Tacoma is dedicated to interdisciplinary and innovative teaching and scholarship and to engaging the community in mutually beneficial partnerships. UW Tacoma's commitment to diversity is central to an environment where students, staff, faculty and South Sound residents find abundant opportunities for intellectual, personal and professional growth.

Defining Characteristics and Guiding Principles

The University of Washington, Tacoma

- ... **engages minds** through creative, rigorous and interdisciplinary approaches to teaching and scholarship that encourage lifelong learning and prepare graduates who will communicate effectively, think critically and creatively, apply technology, act responsibly and effect positive change.
- ... **is a student-centered community** that places high value on quality teaching and learning in a setting that supports the needs and diversity of its undergraduate and graduate student bodies.
- ... **is dedicated to exploring challenging issues** and divergent ideas and opinions in the context of respect for human worth and dignity, while bound to high ethical standards and principles for civil discussion and debate.
- ... **is committed to diversity** through nurturing a campus community where similarities and differences are acknowledged and respected. UW Tacoma welcomes and supports individuals of any age, gender, race, religion, sexual orientation, physical ability, and ethnic, cultural and socioeconomic background.
- ... **is innovative, entrepreneurial and collaborative** in its approach to teaching, scholarship, creating new educational programs, establishing partnerships, and constructing and renovating campus buildings.

Phone

(253) 692-4000
1-800-736-7750 (outside local area)
(253) 692-4413 (TTY)

Mailing address

1900 Commerce St.
Tacoma, WA 98402-3100

Web site

www.tacoma.washington.edu

E-mail

uwtinfo@u.washington.edu

... **is connected** with the Washington State Community and Technical Colleges in providing seamless educational pathways for students seeking a baccalaureate education.

... **is a catalyst for economic, technological and community development**, helping to attract new and relocating businesses, enriching cultural life, inspiring educational achievement, and serving as a powerful resource for varied segments of the community, including health care, K-12 education, the arts, business, labor, nonprofit services, and government.

... **is an urban campus** focusing on local, regional, national and international issues, building on a commitment to provide access to a university education to residents of the South Puget Sound, and fueling the revitalization of downtown Tacoma.

... **is proud to be a campus of the University of Washington**, upholding its traditions within higher education while pioneering highly effective, nontraditional approaches to implementing its mission.

Degrees

The University of Washington, Tacoma confers the following degrees:

- Bachelor of Arts (B.A.)
- Bachelor of Arts in Business Administration (B.A.B.A.)
- Bachelor of Science (B.S.)
- Bachelor of Science in Nursing (B.S.N.)
- Master of Arts (M.A.)
- Master of Business Administration (M.B.A.)
- Master of Education (M.Ed.)
- Master of Nursing (M.N.)
- Master of Science (M.S.)
- Master of Social Work (M.S.W.)

Selected academic programs of study at the University of Washington, Tacoma are approved by the Higher Education Coordinating Board's State Approving Agency (HECB/SAA) for enrollment of those eligible or receive benefits under Title 38 and Title 10, U.S. Code.

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. UWT prepares and recommends individuals for the following state certificates:

- Initial Teaching Certificate (K-8)
- Professional Certificate for Educators
- Educational Administrator Certificate (for principals and program administrators)

Accreditation

The University of Washington, Tacoma is accredited as a unit of the University of Washington by the Northwest Association of Schools and Colleges. Individual academic programs may have other accreditations as well. (See individual program sections.)

Key Bank Professional Development Center

The mission of the KeyBank Professional Development Center is to expand access to the resources of the University of Washington, Tacoma by offering advanced, non-degree education to individuals and organizations in the South Puget Sound region. For more information, please contact the Center at (253) 692-4618 or visit www.tacoma.washington.edu/pdc.

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Special Assistant to the Chancellor

Dan D. García
Assistant Chancellor for Student Affairs

Carol Van Natta
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Trish Fiacchi
Director of Human Resources

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Librarian

Patrick Pow
Director of Information Technology

Michael Wark
Director of Public Relations and Communications

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Vice President for External Affairs

Suzanne Ortega
Dean, Graduate School

ACADEMIC CALENDAR

AUTUMN QUARTER 2005

Instruction begins.....	Sept. 28
Veterans Day holiday	Nov. 11
Thanksgiving holidays.....	Nov. 24 - 25
Last day of instruction.....	Dec. 9
Final examinations.....	Dec. 12 - 16

WINTER QUARTER 2006

Instruction begins.....	Jan. 3
Martin Luther King Jr. Day holiday	Jan. 16
Presidents Day holiday.....	Feb. 20
Last day of instruction.....	March 10
Final examinations.....	March 13 - 17

SPRING QUARTER 2006

Instruction begins.....	March 27
Memorial Day holiday	May 29
Last day of instruction.....	June 2
Final examinations.....	June 5 - 9
Commencement	June 9

SUMMER QUARTER 2006

Instruction begins.....	June 19
Independence Day holiday	July 4
Term A ends	July 18
Term B begins.....	July 19
Quarter ends.....	Aug. 18

Dates in this calendar are subject to change without notice. A detailed calendar is published on the UW Web site.

Financial Aid

Nearly 60 percent of students attending the University of Washington, Tacoma receive some type of financial aid. These students receive federal, state and institutional financial aid to help them pay for their education.

There are four basic types of aid.

- **Grants:** Federal, state and institutional grants do not require repayment.
- **Loans:** Must be repaid, generally beginning six months after a student graduates or leaves school. Loans require repayment with interest charges of approximately 8 percent (depending on the program) accruing during the repayment period.
- **Work-Study:** Students can be employed either on or off campus, with the primary focus being that students enhance their field of study by working part-time in a career-related position.
- **Scholarships and Tuition Waivers:** Awards are based on financial need, academic achievement and the quality of the personal essay that is submitted as part of the scholarship application process.

What is Financial Need?

For most aid programs, financial need is defined as the difference between what it costs to attend school and what the student can afford to pay. The amount a student should be able to pay is determined by a standard, federally mandated need-analysis method. The method establishes whether a student is financially independent (unmarried students under the age of 24 years may be considered dependent and in that case must provide parent information) or financially dependent on his or her parents and takes into account past earnings and benefits, a percentage of net assets and all other sources of support.

There is no income standard or other simple method of determining whether a student will qualify for need-based financial aid. Any student who thinks he or she needs help should apply.

If a student has additional medical, transportation, child-care, or other unusual expenses not covered by the living allowance, the student may, by submitting a revision request with documentation (physician's statement, child-care, or baby-sitter bills, etc.), ask Office of Student Financial Aid to consider the additional costs in his or her budget.

Eligibility for Financial Aid

To qualify for federal financial aid, a student must:

- Be a U.S. citizen, permanent resident or other eligible noncitizen
- Be admitted to the University in an approved program and meet minimum enrollment requirements (distance learning, correspondence and most nonmatriculated students are not eligible 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
- Be registered with the Selective Service (if required)
- Be making satisfactory academic progress (The definition of satisfactory progress differs with different kinds of aid. In general, undergraduate students are required to register for and complete 12 credits per quarter; graduate students, 10 credits per quarter. Check with the financial aid staff for detailed information.)
- Provide financial information (including parents' information, where required)
- Be free of any federal or state drug-related convictions

Eligible students are considered for funding based on three things: need, class level, 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.

Application and Important Dates

The Free Application for Federal Student Aid (FAFSA) is the basic application for most types of financial aid.

Students may complete and submit their FAFSA information directly to the federal processor online. Students must apply for a Personal Identification Number (PIN) in order to complete the online FAFSA. PINs can be obtained by registering through www.pin.ed.gov. To access FAFSA on the Web, go to www.fafsa.ed.gov. Applications are also available from the Office of Enrollment Services and Student Affairs.

Students should complete their FAFSA for the upcoming year (defined as Summer through Spring quarters) beginning in mid-December or early January.

A student who wishes to apply for financial aid to support study during Summer Quarter must submit a separate application.

Renewal Application

Students who have filed a FAFSA before must complete a Renewal Application before each academic year in order to continue to be eligible for aid. The Renewal Application can be completed online (again, a PIN is required).

Priority Dates

For priority consideration, the FAFSA, Renewal FAFSA or FAFSA on the Web must be dated as received by the federal application processor by Feb. 28 of each year. Students are encouraged to mail the FAFSA no sooner than Jan. 1 and no later than Feb. 15 before the upcoming academic year. Students who submit their FAFSAs after the priority date, fifth-year students and part-time students may be eligible to borrow funds through the Federal Stafford Loan or the Federal PLUS/Federal Supplemental Loan programs. Undergraduates may qualify for a Federal Pell Grant.

Because the priority date falls before the income tax deadline, students and parents can use estimated income figures if their tax information is not prepared. Tax and asset documents may be requested at a later date to verify information provided on the initial application.

Students who apply for financial aid should remember to keep copies of financial documents used in completing the FAFSA, should stay in touch with the financial aid counselor and should notify the Office of Enrollment Services and Student Affairs of any change in address.

Consortium Agreements

UW Tacoma students will occasionally need to enroll at a community college to complete admission deficiencies. The credits at the community college may be counted toward the student's total quarter enrollment credits using a Financial Aid Consortium Agreement. Both UW Tacoma and the community college must approve Consortium Agreements. If approved, Consortium Agreements enable the student to receive financial aid based on the total

credits being taken at both institutions. Agreements must be submitted to the Office of Enrollment Services and Student Affairs no later than three weeks prior to the start of the quarter.

Scholarships

Consideration for need-based scholarships is given based on information received on the FAFSA (on-time applicants only). Scholarship lists are available through the Office of Enrollment Services and Student Affairs and at Web sites listed later in this section.

UWT offers several full and partial scholarships available to fund study only at UWT. For information on scholarship opportunities, contact the Office of the UWT Registrar and Financial Aid at (253) 692-4400 or check online at www.tacoma.washington.edu/finaid.

World Wide Web Resources for Financial Aid

- The University of Washington Student Guide at www.washington.edu/students/osfa
- The U.S. Department of Education Money Matters at www.ed.gov; click on Student Financial Assistance for federal aid information
- The Financial Aid Information Page at www.finaid.org for general news and aid sources as well as for the fastWEB scholarship search
- Free Application for Federal Student Aid (FAFSA) on the Web at www.fafsa.ed.gov

Financial Aid Program Eligibility

	UNDERGRADUATE Washington Resident	UNDERGRADUATE Nonresident	GRADUATE Washington Resident	GRADUATE Nonresident
Federal Pell Grant	■	■		
Federal Supplemental Grant	■	■		
State Need Grant/SSIG	■			
University Tuition Exemption	■		■	
University Grant	■		■	
Academic Scholarship	■		■	
Federal Perkins Student Loan	■	■	■	■
Federal Direct Stafford Loan	■	■	■	■
Federal Direct Plus Loan	■	■		
Federal and State Work Study	■	■	■	■

Tuition and Fees

The cost of a student's education at the University varies with individual circumstances. The amount charged for resident undergraduate tuition and fees is set by the state and is indexed to the cost of instruction. Tuition and fees for non-residents and graduate students are set by the University of Washington Board of Regents. Because inflation increases costs, tuition rates generally increase each year. Since University costs are supported by the state, the rates charged to students who are not residents of Washington state are higher than the rates for residents. Please refer to the Registration, Academic and University Policies sections for information regarding residency classification. Tuition charges are based on the student's classification (undergraduate or graduate) rather than on course level. See chart on next page for tuition rates. Rates are subject to change without notice.

Tuition and Fee Payment

Students incur an obligation to pay tuition and fees in U.S. dollars when they register. Students receive e-mail notification once tuition charges are available on MyUW. Payment in full of tuition is due by Friday of the third week of the quarter. Nonpayment of tuition and fees by the due date results in a charge of \$50 for balances of \$50 to \$250 and \$120 for balances in excess of \$250. Students with an overdue balance will not be allowed to register for the next quarter.

Options for tuition payment

Plan 1: Tuition in Full

This plan is best for students receiving financial aid (such as loans, grants, scholarships and Chapter 31 V.A. benefits) and those who are able to pay their tuition in full. Payment by check or money order may be made to the UWT Cashier or mailed directly to the UW Student Accounts Office, Campus Box 355870, Seattle, WA 98195. Credit card payments may be made online through MyUW. There is a convenience charge assessed when using this option. The

amount in full is due by Friday of the third week of the quarter. Tuition may be paid out of the financial aid award or by using emergency loans.

Plan 2: Tuition Installment Plan

This plan is best for students who are not receiving financial aid and who would like to make payments over several pay periods. Students must enroll for this option each quarter with the UWT Cashier during the first week of the quarter. One third of the tuition plus a \$10 service charge is due by the first Friday of the quarter. The remaining balance of tuition is due in two equal payments on the third and fifth Fridays of the quarter. To qualify for the installment plan all payments must be made on time. The second and third payments are subject to late fees as shown in the table on page 14. Payments must be made to the UWT Cashier.

When the payment is not in conformance with the tuition and fee billing, specific instructions on how the payment is to be applied must accompany the payment. In the absence of instructions, the University makes a reasoned interpretation of the student's intent and accounts for the funds accordingly. The student number must be specified on all payments.

Tuition Forfeiture

When students drop or withdraw from courses after the first week of the quarter and the drop results in lower tuition, the University reserves the right to collect one-half the tuition through the 30th calendar day of the quarter for the dropped course or courses and full tuition after the 30th calendar day of the quarter. In some circumstances students may petition the registrar to have the tuition forfeiture waived. Details are available in the Office of the Registrar (see Request to Waive Tuition Forfeiture or Registration Fees).

Request to Waive Tuition Forfeiture or Registration Fees

If a student feels that he or she has been charged a tuition forfeiture or registration fee in error or wishes to contest a forfeiture or fee, he or she may complete a Request to Waive Tuition Forfeiture or Registration Fees form. Failure to receive a tuition bill does not nullify a student's responsibility for payment by the tuition due date and is not an acceptable justification for a waiver. Please refer to the form for appropriate guidelines for granting these requests.

Petitions must be received by the UWT Registrar no later than the last day of instruction.

Tuition and Fee Refund

When a fee payment is made by check, a waiting period is required before a refund can be authorized. An application for refund may be refused unless it is made during the quarter in which the fees apply. A student who withdraws for disciplinary reasons forfeits all rights to refund or cancellation of any portion of his or her fees.

Other Fees

Explanation of fees where necessary follows. All fees are subject to change without notice.

Application Fees

There is no reduction in fees for auditors.

Undergraduate	\$ 50*
Graduate	\$ 45
Graduate Nonmatriculated	\$ 45
Undergrad. Returning Students	\$ 50*

Late Payment of Tuition

If balance exceeds \$250.....	\$ 120
If balance is \$50-\$250	\$ 50
If balance is less than \$50.....	\$ 0

**Students applying for Winter Quarter 2006 or Spring Quarter 2006 pay a \$35 application fee.*

Registrar's Office Service Fees

Late Registration	
<i>First through 10th day of class</i>	\$ 25
<i>After 10th day of class</i>	\$ 75
Change of Registration	\$ 20
Re-registration	\$ 75
Duplicate diploma with paper cover	\$ 10
Replacement of Student ID Card	\$ 10
Transcript (Official)	\$ 4

Change-of-Registration Fee

On the first Monday of the second week of classes, a \$20 change-of-registration fee is assessed for any number of add, drop or change transactions (including change of grading option) made on a given day. The fee is a service charge, not a penalty,

and is in addition to any change in tuition or forfeiture as a result of adds, drops or changes. There is no charge prior to or during the first week of classes.

Late Registration Fee

A late registration service charge of \$25 is assessed when a student registers for the first time after the last scheduled day of Period II registration (the Sunday before the quarter begins) and through the 10th day of the quarter. If circumstances warrant, waiver of the service charge may be petitioned to the UWT Registrar using the Request to Waive Tuition Forfeiture or Registration Fees form.

Re-registration Fee

A student who must re-register as a result of a previous quarter's cancellation for

nonpayment of tuition must pay a \$75 fee. If circumstances warrant, a waiver or refund of the registration or the re-registration service charge may be sought by petition to the UWT Registrar using the Request to Waive Tuition Forfeiture or Registration Fees form.

Special Course and Laboratory Fees

Some courses have extraordinary expenses associated with them and, in such cases, the University may charge additional fees in amounts that approximate the added instructional or laboratory costs.

Technology Fee

This fee is to recover, in whole or in part, the costs of providing and maintaining services to students that include, but are not limited to the following: access to the Internet

2005-2006 Tuition Rates*

Tuition rates are subject to change without notice.

Undergraduate

(includes nonmatriculated and fifth-year students taking undergraduate courses)

	RESIDENT	NON-RESIDENT
10 – 18 credits.....	\$ 1,844	\$ 6,610
<i>Fee per credit over 18 credits</i>	\$ 170	\$ 647
9 credits.....	\$ 1,660	\$ 5,949
8 credits.....	1,476	5,288
7 credits.....	1,291	4,627
6 credits.....	1,107	3,966
5 credits.....	923	3,305
4 credits.....	738	2,644
3 credits.....	554	1,983
2 credits (min.).....	370	1,322

Master of Arts Master of Social Work

	RESIDENT	NON-RESIDENT
7 – 18 credits.....	\$ 2,727	\$ 6,410
<i>Fee per credit over 18 credits</i>	\$ 369	\$ 895
6 credits.....	\$ 2,337	\$ 5,494
5 credits.....	1,948	4,579
4 credits.....	1,559	3,663
3 credits.....	1,169	2,747
2 credits (min.).....	780	1,832

Master of Nursing & Master of Education

	RESIDENT	NON-RESIDENT
7 – 18 credits.....	\$ 2,810	\$ 6,493
<i>Fee per credit over 18 credits</i>	\$ 381	\$ 907
6 credits.....	\$ 2,409	\$ 5,566
5 credits.....	2,007	4,638
4 credits.....	1,606	3,710
3 credits.....	1,205	2,783
2 credits (min.).....	803	1,855

Master of Science in Computing and Software Systems

	RESIDENT	NON-RESIDENT
7 – 18 credits.....	\$ 2,893	\$ 6,577
<i>Fee per credit over 18 credits</i>	\$ 393	\$ 919
6 credits.....	\$ 2,480	\$ 5,637
5 credits.....	2,067	4,698
4 credits.....	1,653	3,759
3 credits.....	1,240	2,819
2 credits (min.).....	827	1,880

Master of Business Administration

	RESIDENT	NON-RESIDENT
7 – 18 credits.....	\$ 4,122	\$ 7,377
<i>Fee per credit over 18 credits</i>	\$ 568	\$ 1,033
6 credits.....	\$ 3,533	\$ 6,323
5 credits.....	2,944	5,269
4 credits.....	2,356	4,216
3 credits.....	1,767	3,162
2 credits (min.).....	1,178	2,108

Postbaccalaureate and Graduate Nonmatriculated Students

(Postbaccalaureate and nonmatriculated students enrolled in courses at the 500-level and above)

	RESIDENT	NON-RESIDENT
7 – 18 credits.....	\$ 2,893	\$ 6,577
<i>Fee per credit over 18 credits</i>	\$ 393	\$ 919
6 credits.....	\$ 2,480	\$ 5,637
5 credits.....	2,067	4,698
4 credits.....	1,653	3,759
3 credits.....	1,240	2,819
2 credits (min.).....	827	1,880

*The Student Technology Fee, based on the number of credits taken, is already included in the tuition rates shown.

and World Wide Web, e-mail, computer and multimedia workstations and laboratories, computer software and dial-up telephone services. Part-time students (those paying less than full-time tuition) are charged on a prorated basis. The fee is included on the quarterly tuition billing.

Financial Obligations

The comptroller is authorized to place an administrative hold on the records of any student who fails to pay amounts due to the University. Until this hold is cleared, the University does not release the student's record or any information based on the record, does not prepare transcripts or certified statements, and denies registration as well as graduation from the University.

Tuition and fees (including parking and library fines) not paid by the end of the academic quarter are subject to an interest charge of 1 percent per month, or fraction thereof (12 percent APR), beginning the month following the end of the quarter.

An administrative hold also may occur when a student has not complied with University rules, followed University procedures or satisfied student obligations. The hold may be placed on the student's record by the authorized University office responsible for enforcement of the rule, procedure or obligation involved. The student is not permitted to register for any subsequent quarter or to obtain a transcript of his or her record or a certified statement except on the written release of the office that placed the hold.

Tuition Exemption

Eligible University and State of Washington employees and members of the Washington National Guard may enroll for and receive a tuition exemption for up to six credits each quarter, provided they enroll on a space-available basis. Eligible students are allowed to enroll for more than six credits and will be charged tuition accordingly for the additional credits. All students participating in the tuition-exemption program will be assessed a quarterly \$30 registration fee and must pay other applicable fees, including the technology fee. **A participating student may not register for any course, including the credits beyond six that the student will be paying for, prior to the student's assigned space-available registration day or the exemption will be canceled.** Matriculated students desiring a higher registration priority to facilitate course enrollment may choose to cancel their exemption for

the quarter, register early and pay regular tuition rates. Space availability applies to degree programs as well as courses, and fully enrolled programs may not have space to accommodate students using the tuition exemption.

Eligible students must hold one of the following statuses on the day the exemption form is approved, and must be in that status on the first day of the quarter for which the exemption was granted. To be eligible a student must be:

- A University of Washington employee: permanent classified or contract classified staff who are employed half-time or more with six months or more of continuous service prior to the first day of the quarter and faculty/professional staff employed half-time or more on the first day of class.
- A non-University of Washington permanent classified or contract State of Washington employee employed half-time or more,
- A permanent classified or exempt paraprofessional employee of a technical college employed half-time or more,
- A non-academic employee or member of the faculty or instructional staff employed half-time or more at a state institution of higher education other than the University of Washington, or
- A member of the Washington Army National Guard or Washington Air National Guard.

A note of caution: A UW employee pursuing a graduate program or graduate-level coursework claims the amount of the quarterly exemption as income on the federal income tax return **unless** his or her supervisor has certified that the program or coursework is job related. If it is determined that the course is not job related, the value of the exemption will be considered income and subject to withholding.

Qualifying Courses

Courses that involve intensive one-on-one interaction between faculty member and student (such as independent study, research and some fieldwork courses) do not qualify under the definition of "space available." Tuition-exempt students may be required to pay full tuition to enroll in these courses. See the quarterly Registration Guide for details. All 600- and 700-level courses are excluded from the tuition exemption program.

Admission Status

Individuals who wish to participate in the tuition exemption program must apply for admission to the University of Washington, Tacoma. Applicants are subject to the same priority application dates as other new students. Individuals wishing to apply as a matriculated student or as a graduate nonmatriculated student, to a UWT academic program, should contact the specific UWT program office for details regarding the application process and space availability in the program. New nonmatriculated students should submit an application for admission to the Office of Student Affairs. **Because tuition exempt paperwork must be received no later than 10 working days prior to the start of the quarter, new applicants are encouraged to submit their paperwork regardless of their pending application status.**

Program participants who are former UWT students returning in the same classification or as nonmatriculated students should submit their application for admission to the Office of Student Affairs.

Registration and fees

The Office of the UWT Registrar accepts tuition exempt paperwork for the next quarter beginning the Monday after the 10th day of the current quarter. **Paperwork must be submitted each quarter and must be received no later than 10 working days prior to the first day of the quarter in which attendance is planned.** UWT strictly adheres to this deadline. Paperwork must be complete, including required signatures, or it will be returned. Paperwork that has been returned must be completed by the same deadline noted above.

Actual registration for courses begins through MyUW on or after the appropriate eligibility dates as listed in the quarterly Registration Guide. Under the tuition exemption program, tuition-exempt students must pay the quarterly Technology Fee. They will be billed this fee, and any other applicable fees, plus the \$30 tuition exemption registration fee once they have registered for a course.

UW faculty/staff ID cards may be used for library services. Participating state of Washington employees and members of the National Guard may obtain student ID cards for library services from the Office of Student Affairs.

More information and the quarterly required tuition exemption form are available in the Office of Student Affairs.

Registration

Registration Eligibility

Continuing University of Washington, Tacoma students who remain in good scholastic standing are guaranteed the opportunity to register each quarter at UWT 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, postbaccalaureate or graduate) and at the same campus. After a student has earned a baccalaureate degree, he or she must apply for readmission as a postbaccalaureate, nonmatriculated or graduate student before being allowed to register.

Newly admitted students and students readmitted to the same or a new classification (undergraduate, postbaccalaureate or graduate) or admitted to a different University campus are eligible to register during a specified time period. See “Registration Periods” on page 18.

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 (Summer Quarter not included) will not be eligible to register as continuing students for the third quarter and must reapply as former students returning to the University. If an undergraduate does not enroll for two or more quarters, he or she must file a Returning Student application for readmission with the Office of Enrollment Services and Student Affairs.

Quarter-Off Policy

Undergraduate students who have completed a quarter at the University of Washington, Tacoma, may take the following quarter off and remain eligible to register during Registration Period I for the subsequent quarter without reapplying as a returning student. Any quarter from which a student has completely withdrawn, or from which he or she is canceled, 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; please see Graduate Student On-Leave Status.

Graduating Senior Priority

Graduating seniors or postbaccalaureate students with a degree application on file in the Graduation Office may register on the first day of Period I for their final two quarters. Students who postpone their graduation may save their priority quarters by not registering before their regular senior or postbaccalaureate priority day. When students have used their Graduating Senior Priority for two quarters, their registration priority reverts to the regular senior or postbaccalaureate schedule. Students may not register for classes in any quarter beyond the quarter for which they have applied to graduate (except Summer Quarter).

Registering at Other UW Campuses

Undergraduate students may register for courses on a space-available basis at other University of Washington campuses if they have matriculated junior standing or higher and have at least 25 UW-earned credits on their transcripts. Students enrolled at UWT may register for courses offered by the Seattle or Bothell campus during Registration Period III. Freshmen, sophomores and nonmatriculated students are ineligible for cross-campus enrollment. It is the responsibility of the student to ensure that

these courses will count toward his or her baccalaureate degree. Undergraduates are limited to earning 35 credits through cross-campus enrollment after admission to a campus, and graduate students are limited to 12. Undergraduate students must complete a minimum of 45 credits at their home campus.

Dropping a Course

Students dropping a course during the first two weeks of a quarter shall have no entry on their permanent academic transcript except notice of withdrawal from the University if all courses are dropped, in which case a complete withdrawal date is recorded on the transcript. A course drop made during the third through the seventh week of the quarter will be recorded on an undergraduate student’s transcript with a “W” grade and a number designating the week of the quarter in which the course was dropped. Students may drop only one course each academic year (Autumn through Summer quarters) from the third through the seventh week of the quarter.

To drop a course officially, a student must complete the transaction electronically using MyUW or submit a drop card in the Office of the Registrar. A student who drops a course unofficially (only through the instructor or adviser, for example) is given a grade of 0.0. Students receiving or applying for financial aid should check with the financial aid counselor before dropping a class because it may affect financial aid eligibility. Students should be aware that dropping a course may affect their student account. Please see the “Tuition and Fees” section of this catalog.

During Summer Quarter, the timeline for dropping a course is abbreviated due to the shortened session. Please consult the Summer Quarter Registration Guide for specific dates.

Hardship Withdrawal Policy

Students may petition the UWT Registrar in writing for a Hardship Withdrawal if they are unable to complete a course due to physical or mental debilitation or unusual or extenuating circumstances beyond their control that may have arisen and prevented them from dropping the course by the seventh week. Petitions must be filed promptly after the occurrence of the event that gave rise to the need for dropping, preferably prior to the end of the quarter. Only in rare circumstances will petitions be accepted after the close of the quarter in which the withdrawal is being petitioned. Students who have completed the requirements for the course are generally not eligible for a hardship withdrawal.

The Petition for Hardship Withdrawal should be completed by the student and submitted to the UWT Registrar. **Supporting documentation as detailed on the petition form must accompany the petition.** The UWT Registrar reserves the right to verify the authenticity and details of the documentation.

Complete Withdrawal from the University for a Registered Quarter (dropping all courses for the quarter)

It is the student's responsibility to withdraw from all courses if he or she is unable to attend. Students may withdraw using the electronic registration systems through the unrestricted drop period. Beginning with the third week of the quarter, official withdrawals must be submitted to the UWT Registrar and must include the signature of the program adviser. An official withdrawal is effective the date of the last drop made electronically, the date it is received in the Office of the Registrar, or if submitted by mail, the date of the postmark.

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 veterans benefits should immediately notify the veterans benefits coordinator of withdrawal.
- A student with a scholarship or loan awarded through the University should notify the financial aid counselor of withdrawal.

Withdrawal for Military Service

Students who are conscripted into the U.S. armed forces or 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. If a student withdraws after that date, the student may receive either a full refund or academic credit and no refund. Please consult with the Office of the Registrar for complete details.

Registration Guide

Each quarter, the Office of the Registrar publishes an online Registration Guide that contains 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. This information is also accessible using the World Wide Web at www.tacoma.washington.edu/studentaffairs.

Registering for Classes

Students register for classes on the Web using MyUW. Before registering make sure to:

- Review the instructions in the Registration Guide and note the Registration Periods.
- Talk with the program adviser before selecting courses. Academic advising is highly recommended.
- Obtain entry codes from the appropriate program office for any courses requiring entry codes.
- Have all registration materials handy. Know the schedule line number (SLN) for each course section (SLNs change every quarter). Prepare an alternate course list in case any courses are full.

- Take care of all University financial obligations. The system will not permit students to register if there is a hold on their registration.

Once initially registered, students can log in to MyUW as often as they want to check the status of sections, list their confirmed schedule, add or drop courses or check account balances.

How to Register

Students can access MyUW directly at myuw.washington.edu or through the UWT home page at www.tacoma.washington.edu under "Current Students." A UW NetID and password are required.

To register for courses, click on Registration. Links to the Time Schedule are found under Registration Resources. Clicking on one of these links opens another window. Students can then check the Time Schedule, toggle windows back to Registration, and enter the course SLNs as necessary.

When finished, click on Update Schedule. Selections are scheduled only if all sections are available and there are no restrictions that would prevent the student from registering (such as prerequisites). Messages will appear on the right side of the screen if there are any problems. Make any necessary revisions and resubmit.

Other System Features

Course availability

Beginning Period I, students can check course availability via the online time schedule at myuw.washington.edu.

Student account and loan status inquiries

Use MyUW to:

- Find current student account balance
- 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

Grades

A list of all courses taken and grades received (an unofficial transcript) is available through MyUW.

Registration Periods

Registration consists of three registration periods. For the most complete information, including the exact dates for each registration period, please consult the quarterly Registration Guide.

Registration Period I

Open to currently registered, matriculated students and those eligible to register under the quarter-off policy. 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.)

Registration Period II

Open to new and returning students, nonmatriculated, and continuing students who did not register during Registration Period I. Period II begins when Registration Period I closes.

Registration Period III

Open to all students for late registration, course adds and drops. Occurs during the first week of the quarter. Certain fees and tuition charges may apply. Please see the "Tuition and Fees" section.

Late Add Period

Open during the second week of the quarter. A \$20 fee is charged for each additional day add transactions are processed. This fee is in addition to any tuition increase or forfeiture as a result of the change. Students may not add classes or increase credits after the tenth calendar day of the quarter as indicated in the quarterly Registration Guide.

Unrestricted Drop Period

Open during the second week of the quarter. Courses dropped during this period do not appear on the academic transcript. 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.

Late Course Drop Period

Students may drop one course each academic year (Autumn through Summer quarters) from the third through the seventh week of the quarter. A "W" and a number indicating the week in which the course was dropped 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.

Full-Time and Half-Time Status

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

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.

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.

Residence Classification Requirements

The Office of the Registrar has detailed information on residence classification and the residence 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 contact the Office of the Registrar.

Military Personnel

Active-duty military personnel stationed in the state of Washington, their spouses and dependent children are eligible for resident tuition. Please request a military exemption form from the Office of the Registrar.

Access Program for Older Adults

UWT allows Washington residents 60 years of age or older to audit certain courses on a space-available basis. Registration for Access students occurs on the first Wednesday 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.

Auditing a Course

Students who intend to audit a course must first register for the class through MyUW and then go in person to the Office of the Registrar to elect the audit grade option. The deadline to change to audit status is listed in the quarterly Registration Guide. A \$20 fee may be imposed depending on the timing of the transaction. Permission to audit is granted by the course instructor and is generally allowed only for lecture classes. Auditors may not participate in discussion or laboratory work.

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. A complete list of Summer Quarter courses and the quarterly deadlines can be found in the Summer Quarter Registration Guide.

Academic and University Policies

Academic Policies

UWT 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 at right.

The following letter grades may also be used:

CR: Credit awarded in a course offered on a credit/no-credit 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 in a course offered on a credit/no-credit 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 grade for courses taken on a satisfactory/not-satisfactory 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 UWT Registrar. Undergraduate students may elect this option only for free electives and cannot be used to satisfy a University, college or department course requirement. With the approval of their program adviser, graduate students may elect to be graded S/NS in any numerically-graded course for which they are eligible. Depending on the program, up to 25 credits of S/NS grades may be applied to an undergraduate degree. S is not computed in GPA calculations. There is no limit on the number of S credits that can be applied to a graduate degree.

LETTER GRADE EQUIVALENTS

Undergraduate			Graduate		
Letter Grade	Grade Point Equivalent		Letter Grade	Grade Point Equivalent	
A	3.9 - 4.0		A	3.9 - 4.0	
A-	3.5 - 3.8		A-	3.5 - 3.8	
B+	3.2 - 3.4		B+	3.1 - 3.4	
B	2.9 - 3.1		B	2.9 - 3.0	
B-	2.5 - 2.8		B-	2.5 - 2.8	A minimum of 2.7 is required in each course that is counted toward a graduate degree.
C+	2.2 - 2.4				
C	1.9 - 2.1		C+	2.1 - 2.4	
C-	1.5 - 1.8		C	1.7 - 2.0	
D+	1.2 - 1.4		E	0.0	
D	0.9 - 1.1				Grades below 1.7 in graduate programs are recorded as 0.0.
D-	0.7 - 0.8	Lowest passing grade			
E	0.0	Failure or Unofficial Withdrawal. No credit earned.			

NS: Not Satisfactory grade for courses taken on a satisfactory/not-satisfactory 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.

I: Incomplete. An Incomplete is given only when the student has been in attendance and has done satisfactory work until within two weeks of the end of the quarter and has furnished proof satisfactory to the instructor that the work cannot be completed because of illness or other circumstances beyond the student's control. To obtain credit for the course, an undergraduate student must convert an Incomplete into a passing grade no later than the last day of the next quarter. The student should never re-register for the course as a means of removing the Incomplete.

For undergraduate students, an Incomplete grade not made up by the end of the next quarter is converted to a grade of 0.0 by the Office of 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. The I (Incomplete) is not removed from the permanent record and appears on the transcript with the completed grade. An instructor may approve an extension of the Incomplete removal deadline by contacting the UWT Registrar no later than the last day of the quarter following the quarter in which the Incomplete grade was assigned. Extensions, which may be granted for up to three additional quarters, must be received before the Incomplete has been converted into a failing grade. In no case can an Incomplete received by an undergraduate be converted to a passing grade after the lapse of one year.

W: 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.

HW: Grade assigned when a student is allowed a hardship withdrawal from a course after the 14th calendar day of the quarter (see Hardship Withdrawal Policy on page 17). It is not computed in GPA calculations.

N: 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.

Grade-Point Average (GPA)

The cumulative GPA includes credits granted for courses taken in residence at all campuses of the University of Washington and those with a DL (Distance Learning) suffix taken through UW Educational Outreach (UWEO). The UW transcript also reflects grades for other UWEO courses that are not residence credit and grades for credit by examination. These latter 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.

Example 1:

Course	Credits	Grade	Grade Points
TIAS 498	3	x	0.0 = 0.0
TSMIN 300	5	x	2.9 = 14.5
TCSIUS 445	5	x	3.2 = <u>16.0</u>
			30.5

Total credits earned toward graduation: 10
 Total graded credits attempted: 13
 Grade-point average = $30.5 \div 13 = 2.35$

The total graded credits attempted, not the credits earned toward graduation, 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 = <u>0.0</u>
			26.0

Total credits earned toward graduation: 10
 Total graded credits attempted: 15
 Grade-point average = $26.0 \div 10 = 2.60$

The student attempted 15 credits, but only 10 are graded; 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 quarter, the I will convert to a numeric grade of 0.0 and the grade-point average will be recomputed. When the grade of 0.0 is received, it is computed in the grade-point average, but no credit is awarded toward graduation.

Repeating Courses

With the approval of the academic program offering the course, a 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. Veterans receiving benefits must receive approval from the veterans coordinator in the Office of Enrollment Services and Student Affairs before a course is repeated.

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, students should not assume that they will automatically be dropped from a course if they do not attend. It is the student's responsibility to drop the course through MyUW. Students who are registered for a course section but do not attend will be assigned a failing grade by the instructor. Students may not attend a course in which they have not been officially registered after the first two weeks of the quarter.

An instructor may allow a student to attend his or her class only if the student's name appears on the official class list from the Office of the Registrar. Other faculty members may attend informally with the approval of the instructor.

Grading Procedures

Change of Grade

Except in case of error, an instructor may not change a grade that he or she has submitted to the registrar. A student who finds administrative omissions or errors in a grade report must make application for a review not later than the last day of the student's next quarter in residence. Grades used to meet graduation requirements cannot be changed after the degree has been granted. Students are not automatically notified of grade changes posted after the first of the quarter.

Grade Appeal Procedure

A student who believes he or she has been improperly graded first discusses the matter with the instructor before the end of the following academic quarter. If the student is not satisfied with the instructor's explanation, the student may submit a written appeal to the director or the dean with a copy of the appeal also to the instructor. This must be done no later than 10 class days after his or her discussion with the instructor. The director consults with the instructor to ensure that the evaluation of the student's performance has not been arbitrary or capricious. Should the director believe the instructor's conduct to be arbitrary or capricious and the instructor decline 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 the performance of the student and assign a grade. The UWT Vice Chancellor for Academic Affairs and the University of Washington Provost should be informed of this action.

Once a student submits a written appeal, this document and all subsequent actions on this appeal are recorded in written form for deposit in a program file.

Grade Reports

The University of Washington does not mail grade reports. Students access their grades online using MyUW.

Transcripts

Official transcripts are available from the Office of the Registrar. Transcripts may be ordered using a request form or by written request from the student. The request must include name; Social Security number or student identification number; current phone number; date of birth; address to which the transcript should be sent and student signature. Additional helpful information includes dates of attendance and former name.

Because requests require the signature of the student, e-mail requests will not be accepted. Payment of \$4 per transcript is required at the time of the request by check or money order. The Transcript Request form is available online at www.tacoma.washington.edu/studentaffairs. Allow three to five working days for processing. Same-day requests are available for an additional \$15 fee. Transcripts may be picked up in the Office of the Registrar with picture identification or mailed to a third party, per student request. Each transcript will include all coursework taken at the University of Washington, with indication of the campus where the credits were earned.

Students can print out an unofficial transcript online at myuw.washington.edu.

Scholarship

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'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 over 210 credits will be notified by the end of the third week of the quarter that a hold is being placed on their registration due to lack of satisfactory progress. Students are encouraged to meet with their program adviser to prepare a graduation plan to avoid this situation.

Low Scholarship

Academic Warning

An undergraduate student whose grade-point average falls below 2.00 in his or her first quarter at the University receives an academic warning. 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, he or she is placed on academic probation.

Academic Probation and Dismissal for Low Scholarship

An undergraduate student is placed on academic probation at the end of any quarter (except for the first quarter at the University, when an academic warning is issued) in which his or her cumulative grade-point average falls below 2.00. Once on probation, the student must attain at least a 2.50 for each succeeding quarter's work until the cumulative grade-point average is raised to a 2.00 or the student is dropped for low scholarship.

Reinstatement

An undergraduate student who has been dropped under low-scholarship rules will be readmitted to the University only at the discretion of the UWT Admissions, Academic Standards and Graduation Committee and only after having sat out one quarter. A student readmitted after being dropped under these rules reenters the University on academic probation and may be required to re-apply to their academic program. 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 his or her UW grade-point average. A readmitted student is dropped if he or she fails to attain either a 2.50 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 from the Office of the Registrar.

Senior in Final Quarter

A senior who has completed the required number of credits for graduation, but whose work in what would normally be his or her final quarter places him or her on probation does not receive a degree until removed from probation.

Dean's List

Quarterly Dean's List

The quarterly high-scholarship list includes the names of matriculated undergraduate students who have attained a quarterly grade-point average of 3.50 in the final grades for at least 12 graded credits. Appropriate high-scholarship entries are made on the student's permanent academic record.

Annual Dean's List

The yearly award for high scholarship is recorded on the academic transcript of undergraduate students enrolled for three quarters of the academic year (summer through spring) and who earned a quarterly GPA of 3.50 in 12 or more numerically graded credits each quarter. It is also recorded for students enrolled for four quarters who met the standard just mentioned and also earned a quarterly GPA of 3.5 or better in the fourth quarter if enrolled for 10 or more credits.

Annual Dean's List Certificate

Annual Dean's List Certificates are awarded to students in the senior class who have high scholastic records for their junior year. The Honors Committee on the University of Washington, Seattle campus determines the grade-point average required for the awarding of certificates. Students receive a certificate and a letter of congratulations from the UWT Chancellor.

Baccalaureate Honors

Baccalaureate honors (*summa cum laude*, *magna cum laude*, *cum laude*) are awarded only to recipients of a first baccalaureate degree. These honors are earned by those students who have completed no fewer than 90 residence credits at this institution. At least 60 of the 90 credits must have been acquired on a graded basis.

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. Credits earned by extension courses are not counted toward honors eligibility.

August graduates who participated in the preceding June commencement should contact their program adviser regarding recognition of honors at the June ceremony.

Faculty Honors

At the University of Washington, Tacoma, faculty honors are awarded to those students receiving a baccalaureate degree whose GPA is in the upper 10 percent of their program and who have earned between 43 and 89 graded credits at the UW.

Chancellor's Medal

The Chancellor's Medal, which is conferred at commencement, recognizes the graduating senior who has the most distinguished academic record. Only students who have earned at least 90 credits (43 credits for Nursing students) in residence at the University of Washington, Tacoma may be considered.

Student Rights and Responsibilities

It is the responsibility of the student to become familiar with all academic and administrative regulations and procedures relating to his or her course of study at UWT.

Student Conduct Code

The University Board of Regents has adopted a Student Conduct Code, which applies to both academic and nonacademic conduct for students while in attendance at UWT. The University of Washington Student Conduct Code obligates students to:

- Maintain high standards of academic and professional honesty and integrity.
- Respect the rights, privileges and property of other members of the academic community and visitors to the campus.
- Refrain from actions that would interfere with University functions or endanger the health, safety or welfare of other persons.

- Comply with the rules and regulations of the University, its schools, colleges and departments.

Violations of these standards may result in a variety of disciplinary actions, including suspension or permanent dismissal from the University. The Code specifies standards of conduct, jurisdiction for hearing disciplinary matters and due process. Students may obtain copies from the Office of Student Affairs or online at www.washington.edu/students/handbook/conduct.html.

Individual academic and professional programs may have standards and expectations beyond those explained in the Code of Conduct. Please contact the program office for details.

Computer Use and Software Copyright Policy

All faculty, staff and students who use any computer at the University are responsible for using 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 e-mail, 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 “Know the Rules” on the Computing and Information Technologies Web site at www.washington.edu/computing.

Equal Opportunity

The University of Washington, as a standing policy, does not discriminate on the basis of race, color, creed, religion, national origin, sex, sexual orientation, age, marital status, disability, or status as a disabled veteran or Vietnam-era veteran. Any discriminatory action can be a cause for disciplinary action. This policy applies to all University programs and facilities including, but not limited to, admissions, educational programs, employment, and patient and hospital services. Such discrimination is prohibited by Titles VI and VII of the Civil Rights Act of 1964, Title IX of the Education Amendments of 1972, Sections 503 and 504 of the Rehabilitation Act of 1973, Age Discrimination in Employment Act Amendments of 1978, Vietnam Era Veteran’s Readjustment Assistance Act of 1974, Americans with Disabilities Act of 1990, State of Washington Gender Equity in Higher Education Act of 1989, other federal and state statutes and regulations, and University policy. Coordination of the compliance efforts of the University of Washington with respect to all of these laws and regulations is under the direction of the Equal Employment Officer, Dr. Helen

Remick, University of Washington, Equal Employment and Affirmative Action Office, JA-08, 4045 Brooklyn Ave. NE, Seattle, Washington 98195, (206) 543-1830.

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. Manuals containing the code are available at reference stations on campus (including in the Office of the Chancellor and in the campus library) and at the University of Washington Visitor’s Information Center at 4014 University Way NE, Seattle. The policy covers such items as accessibility, review and expunging of inaccurate records, and costs to be charged for copies of student records. Information release forms for tuition accounts information only may be obtained from the Student Accounts and Cashier’s Office, 129 Schmitz Hall, Seattle.

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, telephone number, e-mail address, place of birth, major, dates of attendance, degrees and awards received, full- or part-time enrollment status, most recent previous educational institution attended, and for athletes, date of birth, weight and height. If a student chooses not to authorize release of directory information, he or she can restrict this information using MyUW (myuw.washington.edu) or by completing a form in the Office of the UWT Registrar. Except under provisions of the USA PATRIOT Act of 2001, no information will be released on students who have restricted release of directory information, including degrees awarded and dates of attendance. To change authorization and allow release, students must present, in person, a request in writing to the Office of the UWT Registrar substantiated by photo identification.

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

Sexual Harassment Complaint Procedure

Students, staff, faculty and other users of University services who have a concern or complaint regarding sexual harassment may contact either the director of Human Resources at UWT, the Ombudsman at (253) 692-4476 or the University Complaint Investigation and Resolution Office at (206) 616-2028. Personnel in these offices provide assistance in resolving concerns and complaints. Also, UWT staff may contact the director of Human Resources at UWT about sexual harassment concerns.

*The USA PATRIOT Act of 2001, however, limits some privacy protections.

Undergraduate and Postbaccalaureate Admission and Graduation

Undergraduate Admission Requirements

The University of Washington, Tacoma currently offers upper-division (300- and 400-level) courses. Students must complete their first two years of college at a community college or four-year school prior to the quarter for which they are seeking admission.

Beginning in Autumn Quarter 2006, UW Tacoma will accept freshmen. Admission requirements and application process for freshmen can be found on our Web site at www.tacoma.washington.edu/freshman/.

Because each academic program at UWT has different admission requirements, prospective applicants should be certain to check the individual program sections for details regarding specific admission requirements.

Undergraduate academic programs at UWT are designed to lead to completion of baccalaureate studies. Entering students are expected to have completed their first two years (at least 90 quarter credits or 60 semester credits) of coursework before entry. The University of Washington, Tacoma requires a minimum transfer GPA of 2.0 for admission; **however, many academic programs have higher minimum requirements.**

For general admission information and to request an application packet, please call (253) 692-5723 or (800) 736-7750 or visit our Web site at www.tacoma.washington.edu.

Application Process

There are two ways to complete the application process for the University of Washington, Tacoma: online via the Web or by requesting a paper application packet. There is no difference in the application fee, but the online application does require a credit or debit card to pay the fee.

The application fee is nonrefundable. Applicants should ensure they meet any specific program requirements before submitting an application. It is recommended that applicants meet with an admissions adviser if they have questions.

Application Materials

Students may apply to UW Tacoma online or by submitting a paper application. The online application offers the convenience of using a credit card to pay the undergraduate application fee. A link to the online application can be found on the University's Web site at www.tacoma.washington.edu. A paper application kit is available from the Office of Student Affairs (GWP 102) or by calling (253) 692-5723 to have one mailed to you.

Application Requirements

1. All students must carefully complete the **Application for Undergraduate Admission form and submit payment for the \$50 undergraduate application fee.*** If completing the online application, the fee must be paid with a credit card. The application fee is nonrefundable and must be submitted each time a student applies.

Students completing a paper application must mail the application along with a check or money order (U.S. dollars only; *do not send cash*) payable to the University of Washington to:

University of Washington, Tacoma
Attn: Cashier's Office
Campus Box 358433
1900 Commerce St.
Tacoma, WA 98402-3100

2. Send two official transcripts from each college attended and a high school transcript if a foreign language or intermediate algebra was studied in high school to:

University of Washington, Tacoma
Attn: Office of Admissions
Campus Box 358400
1900 Commerce St.
Tacoma, WA 98402-3100

3. Submit any additional application materials (such as personal statements and letters of recommendation) that are specifically required by the academic program. Send these materials directly to the appropriate academic program office. For details review the individual program sections of this catalog.

Once transcripts and supporting documents are received, they become part of the student's permanent academic record and cannot be returned to the student. Any student who desires transcripts of work elsewhere must order official copies from the institution at which the work was undertaken. UWT does not issue or certify copies of transcripts from other institutions.

Change of Application Quarter

The application that a student submits is valid only for the quarter specified. If a student wants to change the quarter of the application, the student must submit another application and fee. Certain circumstances warrant completion of the Petition to Update Application Quarter for the undergraduate (not Teacher Certification) programs. If the petition is granted, then the student will not need to complete another application or submit another application fee. Please check with the Office of Student Affairs for the petition and its guidelines.

*Student applying for Winter or Spring Quarters 2006 pay a \$35 application fee.

Priority Application Dates

Early application is strongly advised. In order to be assured consideration, the completed application, along with any other required documents, should be submitted by the priority date listed. Although not all UWT programs admit students every quarter, alternative admission categories may be available for eligible students. Please contact the individual program offices for details.

Complete applications received by the Priority Application Date will be assured of a review. Complete applications received after the Priority Application Date will be reviewed on a space-available basis.

Notification of Admission Decision

When all required documents have been received, an evaluation is made and the applicant is notified of his or her admission status. An offer of admission is generally valid only for the quarter indicated. Applicants who wish to be considered for a different quarter may be required to file a new application and pay the associated fee. (See Change of Application Quarter on page 23.) Admissions credentials of applicants who do not register for the quarter to which they have been admitted are normally retained for a period of one year from the quarter of application. At the end of this period credentials on file are destroyed unless the applicant has notified the University of Washington, Tacoma of a continued interest in attending UWT.

Admission Categories

UWT offers seven admission categories, outlined below. The Office of Student Affairs can assist applicants who are uncertain about the proper admission category.

Matriculated students

New students at UW Tacoma seeking their first undergraduate degree are normally admitted to a specific academic program as matriculated students.

Postbaccalaureate students

Postbaccalaureate is a matriculated status at the University of Washington, Tacoma. Postbaccalaureate students are those who have completed one or more bachelor's degrees and are either enrolled in the Teacher Certification program, working toward another bachelor's degree or completing prerequisite courses for a graduate program. The application of their previous coursework toward graduation requirements will be determined by program faculty and advisers.

Nonmatriculated students

Although a student enrolled at the University of Washington, Tacoma in a nonmatriculated status cannot earn a degree, a grade is earned and full credit is awarded and recorded on a UW transcript. The credits earned as a nonmatriculated student usually transfer to other institutions. If a student is later accepted into a matriculated status at the Tacoma campus, courses earned as a nonmatriculated student may be applied to undergraduate degree requirements, with some restrictions. Students admitted as nonmatriculated may be limited in the number of credits they will be allowed to accrue in this status. The number may vary by program. Students considering switching to matriculated (degree-seeking) status 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 the Tacoma campus.

Students who wish to change their status from nonmatriculated to matriculated must apply to do so by the priority application date

of the program they wish to enter. Change-of-status forms are available in the Office of Student Affairs.

Applicants seeking matriculated status may have admission and registration priority over nonmatriculated applicants.

Non-UWT students applying to the **Geographic Information Systems (GIS) and Nonprofit Management certificate programs** should apply as nonmatriculated students. Please review the program requirements for guidance in making a successful application and additional application requirements.

Summer Only Visiting Students also apply as nonmatriculated students. Admission in this status is valid only for Summer Quarter and applicants must meet application and admission requirements if they wish to matriculate for subsequent quarters. Students admitted for Autumn who wish to begin their studies during Summer Quarter should consult their academic program.

Returning former students

A returning UWT undergraduate student who has not been enrolled for more than one quarter (not including summer) is required to complete and file a Returning Student Application and pay a \$35 application fee by the application priority date. Because academic programs determine admission based upon prior academic record and space availability, admission is not guaranteed to returning students. Returning nonmatriculated students are re-admitted as space permits. Contact the specific academic program office to discuss the re-admission process.

Pre-major students

Students wishing to register for UWT courses in a quarter other than the quarter in which their desired program (for example, Business or Nursing) regularly admits may request approval from that program to enroll as a pre-major student on a space-available basis. Pre-major is a matriculated status.

International students

Admission of international students on F, B, J, H, L, M, R, TD and TN visas is limited and available for Autumn Quarter only. International students must adhere to the application deadlines specified above or submit their applications by July 1, whichever is earlier. Admission is offered only to international students who have completed the first two years of their degree at a Washington state community college and have a minimum cumulative GPA of 3.0. Students are welcome to submit transcripts from non-U.S. colleges or universities. Credentials must be original documents or photocopies stamped as certified-true copies by school officials or other educational authorities.

PRIORITY APPLICATION DATES FOR UNDERGRADUATE AND POSTBACCALAUREATE PROGRAMS

	Autumn	Winter	Spring	Summer
Business	April 15	*	*	*
Computing and Software Systems	June 15	Oct. 15	Feb. 1	May 1
Environmental Science	Aug. 1	Nov. 15	Feb. 15	—
Interdisciplinary Arts and Sciences	May 1	Nov. 15	Feb. 15	—
Nursing	Feb. 15	*	*	Feb. 15
Social Welfare	Apr. 5	—	—	—
Teacher Certification (K-8)	—	—	—	Mar. 5
Urban Studies	Aug. 15	Nov. 1	Feb. 1	—

These dates may change for subsequent years, and programs that admit more than once a year may not continue to do so in subsequent years.

** Pre-major admission may be available for other quarters. Please contact the program office for details.*

All transcripts written in any language other than English must be accompanied by English translations in the same format as the originals, certified as accurate by a qualified translator and providing an evaluation of the foreign credentials. Interested students should request the International Students Admissions Information packet from the Office of Student Affairs or download the International Student application materials from the UWT Web site.

Auditors

Individuals who wish only to audit University courses should apply for admission with nonmatriculated standing. Attendance in courses as an auditor is by consent of the instructor involved 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.

Completion of Academic Program Admission Requirements

Each academic program at the University of Washington, Tacoma has established minimum admission requirements, which vary from program to program. See each program's section in this catalog for a complete list. The following are required by all programs:

Foreign language

All applicants must complete two high school years, or 10 credits at the college level, of a single foreign language. The study must be devoted to a single foreign language and must be in sequence, with no repetition of any prior term of study. Any natural language other than English that has been formally studied may be used to satisfy this requirement, including languages no longer spoken, such as Latin and ancient Greek. American Sign Language (AMESLAN, the language of the deaf community in America) will also meet this requirement. However, other forms of deaf signing and computer "languages" are not acceptable. The foreign language requirement will be considered satisfied for applicants who had instruction through seventh grade in a language other than English.

Mathematics

All applicants must complete three years of high school math through intermediate (second-year) algebra or a course in intermediate algebra in college. Proficiency may be satisfied through other coursework; check with the academic program for a list.

Quantitative/Symbolic Reasoning (QSR) course

All applicants must complete one Quantitative/Symbolic Reasoning (QSR) course. Coursework to fulfill this requirement can be completed through enrollment at a community college, at a four-year institution or through UW Distance Learning. In some circumstances, coursework may be completed at UWT. Some students enroll concurrently at UWT and a community college to accomplish this. Depending upon individual circumstances, students may be able to complete a portion of these requirements at UW Tacoma. Courses offered at UWT that will satisfy this requirement are indicated in the course description listings for each program.

Writing

All applicants must complete at least five credits of English composition to meet the minimum admission requirement. English composition courses are not offered at the Tacoma campus. Coursework will need to be completed through enrollment at a community college, a four-year institution or UW Distance Learning. Students should consider completing the required 5-10 additional credits of writing-intensive coursework prior to entering UWT. In some cases, completion of an advanced writing course at UWT may be used to fulfill the English composition requirement. Courses offered at UWT that will satisfy this requirement are indicated in the course description listings for each program.

Undergraduate Transfer Credit

To students pursuing a first bachelor's degree, UWT awards transfer credit according to the guidelines listed below. It reserves the right to accept or reject credits earned at other institutions of higher education. In general, it is University policy to accept credits earned at institutions fully accredited by the regional accrediting association provided that such credits have been earned through university-level courses (see exceptions below) appropriate to the student's degree program. For courses taken at a Washington state community college, UWT 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

Students are allowed between 90-113 transferable lower-division (100- to 200-level) quarter credit hours (depending on degree program) of the 180 credits needed for a bachelor's degree. Upper-division credits (300- to 400-level) 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 adviser for details.

UW Extension distance learning

If permitted by the specific academic 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 UWT to meet the Final-Year Residence Requirement.

Extension credit from other schools

No more than 45 credits earned as extension credit from other schools may be applied toward a UW degree. Military credit, discussed below, is included in the 45 extension credit limit.

Guidance/Personal development

A maximum of 3 credits is awarded for courses in this area as part of the 15 credits allowed for vocational/technical courses.

Limitation on ROTC credits

Credits earned in first- and second-year military training courses may not be counted in the 180 credits that are required for graduation. Some third- and fourth-year courses may count, depending on the student's degree program.

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, and credit will not be awarded until after the student has enrolled. Scores received in such coursework are not included in the transfer GPA.

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.

Physical education

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

Vocational-technical 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 (i.e., bookkeeping, electronics, physical therapy technician). These credits may apply only to the elective component of a baccalaureate degree and only with program approval.

Alternative credit

The University of Washington, Tacoma does not award general credit for work or life experience.

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
- Coursework 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
- Any course in the following categories:
 - aeronautics/aviation/pilot training
 - air conditioning/heating-refrigeration
 - allied health (optics)
 - auto mechanics
 - beginning typing
 - carpentry/construction methods
 - cooking/baking
 - cosmetology
 - custodial training/maintenance
 - diesel mechanics
 - fire science
 - graphics reproduction
 - horse-shoeing
 - military science (lower-division)
 - replacement parts
 - stationary steam engineering
 - study skills
 - water science technology

- College-Level Examination Program (CLEP): The University does not accept or award credit for CLEP general or subject examinations. Any such credit awarded by other institutions, or through independent testing, will not be transferred to the University.

Applicability of Transfer Credit to Degree Requirements

The Office of Enrollment Services and Student Affairs has the authority to make decisions approving transfer credit to the University and application of transfer credits to fulfill University requirements. 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 a program adviser to plan a program of study. The program adviser will determine how the transfer credits may be used in meeting degree requirements.

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.

Class Standing

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

Sophomore.....	45-89 credits
Junior	90-134 credits
Senior	135 credits or more

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

Transfer GPA

In calculating the transfer GPA, the following guidelines apply:

- Grades from all transferable academic courses attempted, from all 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.

- Repeated courses. At UW Tacoma, the most recent grade for a repeated course is used in the transfer GPA. (*Note:* This method is different from that used in calculating the UWT GPA for UWT courses that have been repeated.)
- All transferable academic credit from two-year colleges is included in the calculation, even if it exceeds 90 credits.
- Transfer coursework 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 UWT 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
- Lower-division military science courses
- 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 three quarter credits

Graduation Requirements for the Baccalaureate Degree

To graduate, a student must meet University requirements; college, school or campus requirements; and program requirements. This section contains only University requirements. The graduation requirements for academic programs at UWT are explained in each program's section in this catalog.

Scholastic Standards Required

To be eligible for the baccalaureate degree, a student 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.

Credits Required

To be eligible for graduation from the University with a baccalaureate degree, a student must satisfy all other specific program requirements and must complete a minimum of 180 academic credits.

Final-Year Residency Requirement

To be recommended for a first or subsequent baccalaureate degree, a student must complete 45 of his or her last 60 credits as a matriculated student in residence at UWT. To seek an exception to this requirement, students should contact their program adviser, who will submit the request to the UWT Admissions, Academic Standards and Graduation Committee. 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 the approval of his or her program adviser, a student may choose to graduate under the requirements of either the current catalog or the catalog in effect at the time he or she entered the program from which he or she is 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.

Waiver of Graduation Requirements

To request a waiver of Tacoma campus or University graduation requirements a student must petition the UWT Admission, Academic Standards and Graduation Committee. A student should see his or her program adviser to obtain the petition form and initiate the waiver process. The adviser will forward the petition to the committee. An exemption from an all-University graduation requirement becomes void at the end of two calendar years from the date such exemption is granted if all degree requirements have not been completed within that period.

Filing a Graduation Application

A University of Washington, Tacoma student must make an appointment with his or her program adviser to complete a written application for graduation. The application may be filed as early as three quarters before the expected date of graduation. The University of Washington, Tacoma's absolute deadline for filing an application is Friday of the second 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 and/or certificate; degrees are not automatically awarded when requirements have been satisfied. The student's application, listing all remaining graduation requirements, and any supporting documents are prepared at the graduation appointment.

Two Majors or Two Degrees

Second baccalaureate degree

A second baccalaureate degree may be granted, but a student must earn a minimum of 45 credits beyond the number required for the first degree. These credits usually must be earned in residence, with the granting of exceptions to the residency rule being the responsibility of the college, school or campus awarding the degree. The student must achieve no less than a 2.0 cumulative grade-point average in the credits required for the second degree.

Students completing a second baccalaureate degree are not registered in the Graduate School, but in the academic division of the University with jurisdiction over the degree sought.

Degrees with two majors

The student's application for a baccalaureate degree with two majors must show both majors and be approved by the advisers of both programs. Requirements of both majors must be met. Both majors appear on the transcript.

Two baccalaureate degrees concurrently

Two baccalaureate degrees, associated with different majors, may be granted at the same time, but the total number of academic credits earned must reach a minimum of 45 credits in excess of the number required for the first baccalaureate degree.

Commencement

Formal commencement exercises are conducted at the close of Spring Quarter. In April of each year, commencement information is sent to each student eligible to participate the following June (i.e., those who graduated the previous August, December or March and those who anticipate graduating in June or August of the current year).

Diploma distribution

Diplomas are produced approximately 12 weeks after the end of the quarter in which they are earned and are mailed directly to the graduate.

BACHELOR OF ARTS IN

Business Administration

The Business Administration degree 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 competencies needed by students to succeed in the business environment of the 21st century. Students will learn and apply the specific skills associated with each competency in the core courses, refine and practice the competencies in their concentration, and use and demonstrate the competencies in additional coursework as they fine-tune skills for their professional careers. The five competencies are as follows:

Teamwork

Teamwork requires interdependence to achieve a common goal. Interpersonal skills that support teamwork include leading, following, managing conflict and attending to individual differences.

Communication

Communication is the ability to create and exchange meaning with others in a variety of contexts. Communication is comprised of skills in speaking, writing, reading and listening. Additional aspects include giving and receiving feedback, constructing and interpreting symbolic and nonverbal messages, and employing various media technology.

Strategic Thinking

Strategic thinking is the process of proactively recognizing, framing and analyzing opportunities and problems in a dynamic environment. Strategic thinking requires considering multiple stakeholders in creating, evaluating and implementing systematic solutions on an ongoing basis. Additional aspects include managing ambiguity and complexity and being a catalyst for change.

Integrated Business Knowledge

Integrated business knowledge is understanding and applying principles, concepts, models and skills from the various fields of business administration and their interrelationships.

Professionalism

Professionalism is adopting the social norms and standards of the business profession. Professionalism embodies ethical, accountable and socially responsible behavior and commitment to continuous individual development.

Accreditation

The Milgard School of Business at the University of Washington, Tacoma is accredited by the Association to Advance Collegiate Schools of Business (AACSB) in association with the University of Washington Seattle and Bothell campuses.

Formal Options

There are four formal options in the Business Administration degree: Accounting, Finance, Management and Marketing.

Accounting

The Accounting option is designed to complement the broader-based Business Administration core. Students develop skills to work in organizations and be effective decision-makers with a focus on the accounting aspects of business. Areas stressed within the accounting discipline include recording and reporting of financial data under generally accepted accounting principles, understanding tax law and its effect on business decisions, auditing financial statements using generally accepted auditing principles, understanding accounting information systems, understanding the composition of consolidated financial statements, and gathering and using cost data for planning and control decisions. Electives provide further study in public-sector accounting, taxation, auditing and other areas.

Students who wish to pursue a career in public accounting and be eligible to sit for the CPA exam are required to have an additional 45 quarter credits (30 semester hours) beyond the undergraduate degree requirement. The Milgard School offers these students an opportunity to take additional undergraduate and graduate business coursework. Other programs at

OVERVIEW

The mission of the Milgard School of Business is to offer high-quality undergraduate and graduate education for citizens of the state of Washington, especially in the South Puget Sound region. We seek to integrate innovative teaching, relevant scholarship and proactive service into our business and academic communities. We also are committed to advancing and disseminating business knowledge and theory and to cultivating collaborative relationships with the community.

Phone: (253) 692-5630

Fax: (253) 692-4523

Office: Dougan 401

Campus box: 358420

Web site:
www.tacoma.washington.edu/business

E-mail: business@u.washington.edu

Dean: Shahrokh Saudagaran

Administrator: Julia Smith

Advisers: Sue Dahlin, Tamara Grunhurd, Melody James

the University can provide additional non-business learning opportunities.

Finance

The finance sector is a high-growth industry in the Pacific Northwest. Students in the Finance option acquire a solid background in financial theory and practices enabling them to work in a wide range of business professions. In addition, students develop a broad array of analytical skills, attain a thorough understanding of the finance function in different types of organizations, and sharpen their awareness of how financial institutions and markets function in a global economy.

The Finance option at the Milgard School of Business provides not only solid academic education in finance but a practical, hands-on preparation for a career in the financial sector. The structure of the program allows students to prepare for the Level 1 exam of the Chartered Financial Analyst (CFA) program, the most respected professional designation in the industry.

The Finance option prepares students to begin a career in portfolio management, financial planning, investing, banking, real estate investment and other related industries. Domestic and international career opportunities in the financial services industry are rapidly expanding. The Puget Sound area is well represented by successful, progressive financial firms with a high demand for professionals in all areas of finance.

Management

The Management option addresses the ability to lead other people, fostering the skills of planning, organizing, controlling and decision making at all levels and areas in the organization. Courses in the Management option emphasize how the tools and theories of management can help accomplish organizational goals. In addition, this option also fosters the development of skills that can be used to foster individual and organizational efficiency and effectiveness through the study of leadership, team and individual behavior, and human resources. The option prepares students for career opportunities in numerous areas: employee relations, training, inventory and material management, production and operations, strategic planning, purchasing, consulting, administration, information management, human resources, financial services, hotel and retail management, project management, organizational development, sales, and leadership in business, industry or government.

Marketing

The Marketing option provides the knowledge that encompasses the dynamic environment of economic conditions, consumer research, product safety, technology, legal issues and social change. The courses in this option examine consumer behavior, channels of distribution, marketing research, pricing, advertising, product development, promotion, industrial 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.

Informal Options

There are two informal options in the Business Administration degree: General Business and International Business.

General Business

The study of business is truly interdisciplinary, drawing from such varied fields as economics, political science, psychology, sociology and anthropology. The General Business option is designed for the student interested in a broad perspective that draws from multiple disciplines. General Business gives students the opportunity to explore a wide range of business disciplines, including management, marketing, accounting, financial services, information systems, international business and organizational leadership. Students completing the General Business option will be well-prepared to work in small businesses where their work will span multiple functional areas or in large organizations where they will be involved with cross-functional projects or teams. Students interested in entrepreneurship will also benefit from this option, as it allows them to customize the curriculum while exposing them to all critical aspects of business.

International Business

The International Business option provides a focused course of study from the perspective of the global environment. Courses in the option are designed to emphasize the economic reality of the global marketplace and effective performance in the dynamic international-business arena. The electives from Interdisciplinary Arts and Sciences provide for further study in international culture, religion and economics. Students are required to develop a portfolio to demonstrate their integrative learning.

The option is intended to prepare students for positions in international divisions of American companies; to work in the import-export business; to seek careers in national or international governmental agencies; to establish international businesses; and to enter careers in international commercial and investment banking.

Admission Requirements

Educational Qualifications*

- A cumulative GPA (grade-point average) of at least a 2.75 in all college coursework.
- A cumulative GPA of at least a 2.75 in all accounting, business, math and economics coursework.
- Prerequisites (see chart). Business prerequisites may not be taken C/NC. The minimum acceptable grade in a business prerequisite is 2.0.

Cover Sheet

A brief cover sheet clearly stating the applicant's name, address, phone number, e-mail address, desired quarter and year of admission, intended option, full- or part-time status, and preference for day or evening classes is required.

Personal Statement

A written personal statement is required from all applicants and is used by the Milgard School Admissions Committee to assess applicants. When writing the statement, applicants should refer to the current Milgard School application packet for specific instructions. Additional application information is located on the Web at www.tacoma.washington.edu/business.

Professional Recommendations

A minimum of one professional recommendation is required from all applicants. Please refer to the recommendation forms in the application packet.

Assessment

All applicants to Milgard School of Business are required to complete the Writing Skills Assessment (WSA) test. The WSA provides the Admissions Committee with quantitative measures in addition to grade-point averages upon which to base admissions decisions. The assessment is completed only once and scores from UWS or UWB can be transferred to Tacoma.

Computer Skills

Competency in spreadsheet (Excel) and word processing in a Windows environment is expected and required in most UWT business courses.

Admission

The Milgard School of Business admits students for **Autumn Quarter only**.

Selection Criteria

Admission to the Business School is competitive, and candidates are evaluated on the following criteria:

- Personal statement and recommendations
- Completion of all prerequisite courses
- Previous academic performance (cumulative and business GPA)
- Results of the WSA
- 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.

Curriculum

The bachelor of Arts in Business Administration curriculum consists of:

- 30 credits of required core courses
- 20-40 credits of option courses
- 5 credit capstone course
- 15-25 credits of electives*

Students are required to complete most of the Business Administration core before progressing to more advanced option courses. The six core courses will usually be completed during the student's first year at UW Tacoma.

TBUS 300 Managing in Organizations and TBUS 320 Introduction to Marketing Management are the prerequisite courses for the major and most option courses. These must be taken during the student's first two quarters.

TBUS 400 Business Competencies Practicum is a capstone course and may be taken only when a student has completed all core courses and has applied to graduate. TBUS 301 may be taken concurrently.

General Electives

Fifteen to 25 credits of general electives are required to complete the Business degree. When selecting electives, a student should focus on courses that emphasize broad-based critical thinking. Students are encouraged to select electives that support career interests and provide opportunities for lifelong learning. Students may use the elective credits to develop more depth in one business discipline or to explore other areas of interest in business, health or liberal arts. At transfer, general electives may be filled by upper-division transfer credits from other accredited institutions that grant baccalaureate degrees. Students with transfer credit beyond 90 credits may be able to apply an additional 15 credits towards general electives. See an adviser for more information.

Internship credit fulfills general elective requirements.

Program Standards

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 satisfactorily complete all upper-division courses at UWT by achieving a minimum 1.7 grade. If a grade below 1.7 is received, the student must repeat the course. Course credit will be awarded only once, and both grades will be computed into the grade-point average. If a grade below a 1.7 is received in an elective course, the course will not count toward graduation, but the student is not required to repeat that specific course.
- Courses in the Business core and option may not be taken through distance learning.
- Courses in the Business core and option may not be taken S/NS (satisfactory/not satisfactory).
- 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 major. If a course

BUSINESS ADMINISTRATION ADMISSION REQUIREMENTS	
Undergraduate class standing of junior	Completion of an approved associate's degree (academic transfer degree) or 90-105 transferable college credits.
Foreign Language	Two years in high school of the same foreign language or 10 credits of one language at the college level. ¹
Mathematics	Requirement fulfilled by Calculus .
Quantitative/Symbolic Reasoning [Q]	Requirement fulfilled by Statistics .
Writing	10 credits Must include 5 credits of English Composition and 5 credits of Advanced Composition .
Visual, Literary and Performing Arts (Humanities) [V]	10 credits College-level foreign language credits can be applied toward this requirement.
Individuals and Societies (Social Science) [I]	25 credits Must include Microeconomics, Macroeconomics, Business Law , one course in either Psychology, Sociology or Anthropology and 5 additional Social Science credits.
The Natural World (Natural Science) [N]	20 credits Must include 5 credits each of Pre-calculus, Calculus and Statistics plus 5 additional Natural Science credits.
Accounting	9-15 credits Must include Introduction to Financial Accounting, Financial Accounting and Managerial Accounting . (Accounting majors are required to have earned at least a 3.0 grade in each accounting prerequisite course.)
Electives	To complete 90-105 transferable credits

¹ Foreign language through 103 required for International Business option.

is more than seven years old, the student will be required to repeat the course at UWT. Credit will not be awarded twice for an equivalent course. There is no time limit on prerequisite coursework.

- Upper-division courses used for transfer credit are held to the 1.7 grade standard required for all courses by the Milgard School of Business.
- All full-time students must complete the required six core courses during their first year at UW Tacoma. Part-time students are required to complete the Business core before beginning more advanced option courses. To develop a degree plan, students are required to meet with a Business School adviser during their first quarter at UWT.
- Students are limited to one option and two core transfer courses. The Business School will accept no equivalents to TBUS 300 and TBUS 400.
- Students must complete two writing courses prior to graduation from the Milgard School of Business. Please consult a Business adviser when enrolling in courses to satisfy this requirement.

Students changing to a Business major from other majors will be required to meet program and academic performance requirements in force at the time the major is changed.

Removal from Program

An undergraduate Business major who is dismissed from the University for low scholarship is removed from the Business Administration major. A letter of dismissal is sent to the student.

Students removed from the Milgard School who wish to re-enter the program must re-apply for admission. The Milgard School Admissions Committee evaluates the student's file, statement requesting re-admission and any extenuating circumstances, and then recommends action.

Graduation 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 the University of Washington, Tacoma and the Milgard School of Business.
- Satisfy all of the prerequisites for entrance into Milgard School of Business.
- Satisfy all of the general University requirements for graduation.

- Complete all of the required and elective courses in the Business major and your formal or informal option:

Accounting option

- ◆ 30 credits of core courses to include TACCT 330 Accounting Information Systems
- ◆ 35 credits from the Accounting option to include:
 - TACCT 301 Intermediate Accounting I
 - TACCT 302 Intermediate Accounting II
 - TACCT 303 Intermediate Accounting III
 - TACCT 311 Cost Accounting
 - TACCT 411 Auditing Standards and Principles
 - TACCT 451 Individual Income Taxation
 - TACCT elective (5 credits)
- ◆ 5-credit capstone course
 - TBUS 400 Business Policy & Strategic Mgmt.
- ◆ 20 credits of electives

Finance option

- ◆ 30 credits of core courses
- ◆ 35 credits from the Finance option to include:
 - TFIN 422 Investment Valuation
 - TFIN 423 Economic Theory for Financial Markets
 - TFIN 424 Managerial Economics
 - TFIN 425 Finance and Investment
 - TFIN 426 Portfolio Management
 - TFIN 429 Real Estate Investment
 - TACCT 431 Financial Statement Analysis
- ◆ 5-credit capstone course
 - TBUS 400 Business Policy & Strategic Mgmt.
- ◆ 20 credits of electives

General Business option

- ◆ 30 credits of core courses
- ◆ 30 credits of upper-division business courses (*TBUS 468 and 469 do not apply*)
- ◆ 5-credit capstone course
 - TBUS 400 Business Policy & Strategic Mgmt.
- ◆ 25 credits of electives

International Business option

- ◆ 30 credits of core courses
- ◆ 20 credits from the International Business option to include:
 - TACCT 485 International Accounting
 - TMGMT 478 International Business
 - TMGMT 480 International Management
 - TMKTG 480 International Marketing
- ◆ 15 credits of approved IAS electives
- ◆ 5-credit capstone course
 - TBUS 400 Business Policy & Strategic Mgmt.
- ◆ 10 credits of additional Business courses
- ◆ 10 credits of electives

Management option

- ◆ 30 credits of core courses
- ◆ 30 credits selected from the Management concentration
- ◆ 5-credit capstone course
 - TBUS 400 Business Policy & Strategic Mgmt.
- ◆ 25 credits of electives

Marketing option

- ◆ 30 credits of core courses
- ◆ 30 credits selected from the Marketing option to include:
 - TMKTG 450 Consumer Marketing
 - TMKTG 475 Marketing Strategy
 - TMKTG 460 Research Methods
- ◆ 5-credit capstone course
 - TBUS 400 Business Policy & Strategic Mgmt.
- ◆ 25 credits of electives

- Complete 180 quarter credits, 75 of which must be upper-division (300-400 level) coursework.
- Complete TBUS 300 and TBUS 400 *in residence* at UWT.
- Maintain a minimum cumulative 2.0 grade-point average in all classes and a minimum cumulative 2.0 grade-point average in all Business courses.
- Complete 45 of the last 60 credits *in residence* at the University of Washington, Tacoma.
- Apply for graduation with an adviser by the application deadline posted by the Business School for the expected date of graduation.

Course Descriptions

For the most current course information, please consult the Milgard School of Business Web site at www.tacoma.washington.edu/business.

Core Courses

TBUS 300 Managing Organizations 5 credits

Examines the profession of management, and nature of 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 thinking, teamwork, integrations and professional capacities. *Prerequisite for most Business courses.* [I]

TBUS 301 Quantitative Methods 5 credits

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. [N]

TBUS 310 Effective Managerial Communications 5 credits

Focuses on developing and using oral and written communication skills in an organizational environment. Provides students with opportunities to communicate clearly and concisely in writing, make persuasive presentations, listen to the ideas and opinions of others, and provide and receive constructive feedback. Students will utilize and further develop abilities to function as productive team members and to appreciate and understand diversity in the work place. Emphasizes communication and professionalism. [I] [V]

TBUS 320 Introduction to Marketing Management 5 credits

Introduces the major principles and practices that are used by marketing managers in analyzing marketing problems and developing appropriate solutions. A primary goal is to understand how marketing operates within the global, social and economic environment. Designed to begin to develop competencies in teamwork, integrated business knowledge and strategic thinking. [I]

TBUS 330 Introduction to Information Technology 5 credits

Introduces techniques that managers use to locate, organize, distribute, and use information for decision making and strategic advantage. Tools for managing information are addressed, 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.

TBUS 350 Business Finance 5 credits

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. Consideration is given to the organizational, ethical and economic consequences of financial decisions. Designed to begin to develop competencies in strategic thinking and professionalism. *Business majors or permission of instructor.*

TBUS 400 Business Policy & Strategic Management 5 credits / *Prerequisites: TBUS 300, 310, 320, 330 (or TACCT 330) & TBUS 350*

Focuses on the integration and application of knowledge and competencies developed by Business Administration students. Major components of the course include the preparation of a career-related portfolio, participation in a team-based computer simulation, and composition of a paper reflecting and analyzing the student's competency development.

Elective Courses

TBUS 468 Internship 1-5 credits

Provides students an opportunity to gain experience in a business organization where they apply and experience concepts taught in the traditional classroom. Knowledge and skills acquired in the classroom are used in a responsible position involving work on meaningful productive tasks. Develops links between the community and the classroom. *Business majors only. Permission of faculty is required.*

TBUS 469 Undergraduate Research 1-5 credits

Provides students an 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. *Business majors only. Permission of faculty is required.*

Accounting Courses

**TACCT 301
Intermediate Accounting I**
5 credits / *Prerequisites: Completion of Business Program accounting prerequisites*
Concepts and principles of financial accounting. Analysis of controversies and problems related to the measurement of enterprise income, and asset and liability valuation.

**TACCT 302
Intermediate Accounting II**
5 credits / *Prerequisite: TACCT 301*
Continuation of TACCT 301.

**TACCT 303
Intermediate Accounting III**
5 credits / *Prerequisite: TACCT 302*
Continuation of TACCT 302. There is additional emphasis on special topics in income determination.

TACCT 311 Cost Accounting 5 credits

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, and quantification of various business processes.

TACCT 330 Accounting Information Systems 5 credits / *Prerequisite: TACCT 302*

Examines key accounting elements tied to underlying business processes. Examines issues of maintaining the integrity of accounting information systems. Integrates the accounting function with information technology. Introduces the basic structure of database systems.

**TACCT 401
Forensic Accounting**
5 credits / *Prerequisite: TACCT 301, 302 & 303*
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.

**TACCT 404
Advanced Financial Accounting**
5 credits / *Prerequisite: TACCT 303*
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.

**TACCT 411
Auditing Standards and Principles**
5 credits / *Prerequisite: TACCT 303*
Intensive introduction to the attest function in society today. The environment, the process and the report of the public auditor are analyzed. Potential extensions of the attest function are examined.

**TACCT 431
Financial Statement Analysis**
5 credits / *Prerequisite: TBUS 350*
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.

TACCT 451**Individual Income Taxation***5 credits / Prerequisite: TACCT 303*

Political, economic and social forces influencing Federal income taxation, role of taxation in personal decisions. Coverage of individual income tax matters, including business and investment income, business and personal deductions, property transactions, and tax issues of employees.

TACCT 468**Cooperative Field Experience***1-5 credits / Prerequisite: TACCT 451*

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. *Application and completed employer contract with faculty permission is required.*

TACCT 480**Accounting for Not-for-Profit Organizations***5 credits / Prerequisite: TACCT 303*

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.

TACCT 485**International Accounting***5 credits*

Enhances understanding of international accounting issues. Examines the impact 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 developing economies.

TACCT 490**Special Topics in Accounting***3 credits*

Special topics of current concern to faculty and students. Offered only when faculty is available and student interest is sufficient. Class is announced in advance of scheduled offerings.

General Business Courses**TBGEN 311****A Writer's Workshop: Skills for Success***3 credits*

Provides students with increased skills in the essentials of academic and professional writing. Covers techniques that apply to all phases of the writing process including planning, composing, revising and editing.

TBGEN 312**Captivate Your Audience:****Presentation Skills for Success***3-5 credits*

Combines knowledge and experience in the preparation, development and delivery of public presentations. Emphasis is placed on enhancing essential speaking skills, including audience analysis, the arrangement and organization of material, speaking mode/style, the use of visual aids, and the use of rhetorical techniques and principles. Emphasizes communication and professionalism. [V]

TBGEN 314**Interpersonal Skills***5 credits*

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. Students will learn to make better choices in interpersonal communication, develop positive working relationships in organizations and improve quality of workplace outcomes. Emphasizes communication and professionalism. [I] [V]

TBGEN 316**Persuasive Communication***5 credits*

Emphasizes the construction of persuasive, well-reasoned arguments and the critical evaluation of persuasive messages. Topics include persuasive communication strategies, logic, types of evidence, organizing an argument and responding to objections about one's argument. Students will construct oral and written arguments and critique the arguments of others. Emphasizes communication and professionalism. [I] [V]

TBGEN 412**Ethical Issues in Business***5 credits / Prerequisites: TBUS 300 and TBUS 320 or permission of instructor*

Explores the moral principles and community standards by which businesses are judged and assesses the impact management decisions have on the business and on society. Focus is on the conflict between the economic performance of the firm and the social performance of the firm. Emphasizes communication, integrated business knowledge and strategic thinking. [V]

TBGEN 418**Legal Issues for Business***5 credits*

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 solutions. [I]

TBGEN 433**Managing Organizational Diversity***5 credits / Prerequisite: TBUS 300 and TBUS 310, or permission of instructor*

Focuses on key behavioral, social and organizational requisites needed to cultivate competency in managing diversity. Provides experiential opportunities to discover and improve understanding about the self and others. Key interests include skills and strategies needed to manage and support increasingly diverse organizations. [I]

TBGEN 465**Research in Contemporary Organizational Issues***5 credits*

Introduces students to academic research and provides an opportunity for intensive study of an organizational issue. Emphasis is placed on understanding the research process and applying these concepts in a research paper. Students may choose a topic from any organizational field. Emphasizes communication, strategic thinking and integrated business knowledge.

TBGEN 474**Small Business Development***5 credits / Prerequisites: TBUS 300, TBUS 320, TBUS 350*

Explores the challenges of starting and managing a small business. Students gain hands-on experience by developing a business plan that considers such issues as strategy, finance and operations. Emphasizes strategic thinking, integrated business knowledge and communication. *Business majors or permission of instructor.*

TBGEN 490**Special Topics***1-5 credits*

Advanced course offerings designed to respond to faculty and student interests and needs. Topics will vary.

Finance Courses**TFIN 422****Investment Valuation***5 credits / Prerequisite: TBUS 350, TFIN 424*

Examines the valuation of financial assets including stocks, businesses, bonds and real assets. Focuses on discounted cash flow, risk, option pricing theory and models, market efficiency, dividend discount models, and real options theory.

TFIN 423**Economic Theory for Financial Markets***5 credits / Prerequisite: TBUS 350, TFIN 424*

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 different macroeconomic policies.

ABOUT FULFILLING ADMISSION REQUIREMENTS

Some students are admitted to UWT before they have completed all of their admission requirements. Students may fulfill missing requirements in the Areas of Knowledge and Quantitative/Symbolic Reasoning through courses offered at UWT. Courses that fulfill these requirements are indicated with bold letters at the end of the course description: [V] Visual, Literary and Performing Arts (Fine Arts and Humanities); [I] Individuals and Societies (Social Sciences); [N] The Natural World (Natural Sciences); and [Q] Quantitative/Symbolic Reasoning.

TFIN 424**Managerial Economics**

5 credits / Prerequisite: TBUS 301, 350

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.

TFIN 425**Finance and Investment**

5 credits / Prerequisites: TBUS 350

Introduces students to all facets of finance and investment including personal financial planning, budgeting and investment. Emphasis is placed on preparing students to develop strategies and manage finances and investments in an efficient, profitable manner to accomplish financial goals. Emphasizes strategic thinking and integrated business knowledge. *Business majors only or permission of instructor.*

TFIN 426**Portfolio Management**

5 credits / Prerequisites: TFIN 422

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.

TFIN 428**Financial Markets and Institutions**

5 credits / Prerequisite: TFIN 424

Examines the economic role of modern financial institutions and their relationship to the money and capital markets of developed economies. Topics covered include the financial system, the Federal Reserve System, monetary policy, international financial relationships and interest rate theory.

TFIN 429**Real Estate Investment**

5 credits / Prerequisites: TBUS 350

Covers real estate investment from home ownership through medium size commercial and residential development. Emphasis is on the real estate investment cycle including planning, selection, development, operation and disposal. Residential and commercial real estate are explored with special attention on financing, leverage and taxation.

Information Systems Courses**TIS 324****Systems Analysis**

5 credits / Prerequisites: TBUS 300, TBUS 330

Prepares student for the analysis, evaluation and delivery of information systems specifications through the utilization of popular techniques for requirements determination, process modeling, data modeling and systems structuring coupled with project management tools.

TIS 420**Visual Basic Programming of Excel-based Financial Models**

5 credits / Prerequisites: TBUS 330 or TACCT 330 and TFIN or TIS course

Develops Visual Basic financial model applications in the Excel spreadsheet. Included: review of Excel, Visual Basic fundamentals, Excel financial functionalities, and extending Excel with Visual Basic. Course is applicable for students with a financial or information systems background.

TIS 441**Decision Support and Expert Systems**

5 credits / Prerequisite: TBUS 330

Provides a general overview of Decision Support and Expert System technologies, trends, and user experiences and creations of small models of these systems.

Management Courses**TMGMT 430****Managing the Work Force**

5 credits / Prerequisites: TBUS 300, TBUS 320

Focuses on managing employees as a human resource function in the organization. Examines skills critical for attracting, developing and maintaining an effective work force. Planning, forecasting, job analysis, training, performance appraisal, wage and salary administration, compensation, legal requirements and disciplinary functions are explored. Emphasizes communication, teamwork and strategic thinking. *Business majors or permission of instructor.*

TMGMT 432**Strategic Human Resources Management**

5 credits / Prerequisites: TBUS 300, TBUS 320

Introduces the strategic role human resource management plays in creating competitive advantage for the organization. Evaluates human resource management policies and practices in the context of business activities, corporate strategy, new organizational structures and employment relationships, and technological innovations, and an increasingly competitive global marketplace.

TMGMT 452**Dynamics of Leadership**

5 credits / Prerequisites: TBUS 300, TBUS 320

Examines leadership as a process by focusing on a repertoire of practical and theoretical leadership principles. Examines contemporary leaders and their complex roles in managing organizational issues and provides an opportunity to learn and apply leadership skills. Emphasizes communication, strategic thinking and professionalism. *Business majors or permission of instructor. [I]*

TMGMT 455**Managing and Motivating Work Teams**

5 credits / Prerequisites: TBUS 300, TBUS 320

Concentrates on interpersonal and management skills necessary to create and maintain effective groups that make real contributions to the continuing success of the total organization. Focuses on interpersonal skills assessment, conflict management, interdependency, collaborative relationships, norms, feedback, reward systems, goal setting and self-management. Emphasizes teamwork, communication, strategic thinking and professionalism. *Business majors or permission of instructor. [I]*

TMGMT 456**Power and Politics in Organizations**

5 credits / Prerequisites: TBUS 300, TBUS 320

Covers the analysis, explanation and evaluation of power and politics in organizations. Offers frameworks for assessing the sources of power in organizations, the conditions that lead to its attainment and its effective use from both a practical and an ethical perspective. Emphasizes strategic thinking, communication and professionalism. *Business majors or permission of instructor.*

TMGMT 457**Negotiation and Conflict Management**

5 credits

Designed to help students learn to respond to personal and organizational conflicts more effectively. Theories emphasized include cooperative conflict theory and interest-based negotiation. Course activities build skills in assessing conflict, identifying conflict styles, negotiation planning and mediation. Emphasizes communication, strategic thinking and professionalism. [I]

TMGMT 460**Research Methods**

5 credits / Prerequisites: TBUS 300, TBUS 320

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 teamwork, integrated business knowledge and strategic thinking. *Business majors or permission of instructor.*

TMGMT 475**Creating, Leading and Implementing Change**

5 credits / Prerequisites: TBUS 300, TBUS 310

Explores the repertoire of concepts, ideas, tools and techniques for understanding the dynamics of change and how successful leaders learn to create, implement and manage change. The course provides opportunities to examine and experience change management in contemporary organizations. Emphasizes strategic thinking. *Business majors or permission of instructor.*

TMGMT 478**International Business**

5 credits / Prerequisites: TBUS 300, TBUS 320
 Concentrates on global business issues and the challenges facing managers in an international environment. Examines differences among the world's countries including monetary systems, strategies and structures of international businesses, and competitiveness across firms and countries. Provides an understanding of how cultural, economic and political differences affect management style, decisions, business opportunities and challenges. Emphasizes communication, integrated business knowledge and strategic thinking. *Business majors or permission of instructor.*
 [I]

TMGMT 480**International Management**

5 credits / Prerequisites: TBUS 300, TBUS 320, TBGEN 480
 Course introduces students to the main issues concerning international management. It 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.

TMGMT 490**Special Topics**

5 credits / Prerequisites: TBUS 300, TBUS 320
 Based upon faculty interest and timeliness of issues, topics may include compensation, training, performance appraisal systems, organizational development and change, organizational design and theory, interpersonal skills, conflict management, and organizational culture. *Business majors or permission of instructor.*

Marketing Courses**TMKTG 348****Social Marketing**

5 credits / Prerequisites: TBUS 320
 Focuses on the preservation or enhancement of individual and social well-being. Applies marketing principles within a social context to public agencies and nonprofit institutions.
 [I]

TMKTG 355**Professional Sales**

5 credits / Prerequisite: TBUS 320
 This course presents the modern way to sell via a relationship process, emphasizing skills for success as a field sales representative. The steps in the selling process are analyzed in detail and students gain hands-on experience. This course is designed to develop competencies in strategic thinking and communication.

TMKTG 425**Advertising**

5 credits / Prerequisites: TBUS 320
 Designed to acquaint students with 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 communication, strategic thinking and teamwork. *Business majors or permission of instructor.*

TMKTG 440**Business Marketing**

5 credits / Prerequisites: TBUS 320
 Examines the 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. Emphasizes communication and strategic thinking. *Business majors or permission of instructor.*

TMKTG 445**Service Marketing**

5 credits / Prerequisite: TBUS 320
 This course introduces 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. Designed to develop competencies in strategic thinking and communication.

TMKTG 450**Consumer Marketing**

5 credits / Prerequisites: TBUS 320
 Examines social science and consumer behavior research for concepts and principles that marketers can use to better understand customers and meet their needs. Insights gained from the disciplines of sociology, anthropology and psychology are applied to real-world marketing situations. Emphasizes communication and strategic thinking. *Business majors or permission of instructor.*
 [I]

TMKTG 460**Research Methods**

5 credits / Prerequisites: TBUS 320
 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 teamwork, integrated business knowledge, and strategic thinking. *Business majors or permission of instructor.*

TMKTG 471**e-Commerce**

5 credits / Prerequisites: TBUS 320, TBUS 330
 Examines how internet technologies transform the conduct of business both within and between organizations. Introduces the technical architecture and business principles that underlie the e-commerce phenomenon. Explores the implications of the evolving technologies for managerial decision making, organizational strategies, industry structures and public policy.

TMKTG 475**Marketing Strategy**

5 credits / Prerequisite: TBUS 320
 Provides a comprehensive framework for the development of competitive marketing strategies that achieve organizational objectives and build competitive advantage. Students develop a marketing plan, including implementation, evaluation, and control of a firm's marketing dynamics. Provides the opportunity to apply marketing knowledge in a real-world setting.

TMKTG 480**International Marketing**

5 credits / Prerequisites: TBUS 320 or instructor's permission
 Extends basic marketing knowledge by examining the marketing strategies and tactics of companies that do business across borders. Covers topics related to how firms research, identify, and enter international markets, and develop global marketing strategies.

TMKTG 490**Special Topics**

5 credits / Prerequisites: TBUS 320
 Based upon faculty interest and timeliness of issues, topics may include social responsibility issues, promotion, sales management, marketing in the service or retail industry and international marketing. *Business majors or permission of instructor.*

Faculty

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Dean and Professor,

Milgard Chair in Business

Milgard School of Business
International Accounting; Ph.D., University
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Strategic Management; Ph.D., Northwestern
University, 1994.

Douglas T. Wills, CFA

Associate Professor, Milgard School of
Business; Economics; Ph.D., Texas A&M
University, 1995.

BACHELOR OF SCIENCE/BACHELOR OF ARTS

Computing and Software Systems

The Computing and Software Systems (CSS) program prepares students to enter the field of computer software design, development and maintenance. It provides students the theoretical grounding to promote lifelong evolution in the field while also preparing them to become effective innovators and entrepreneurs. The program provides opportunities for the practicing professional to stay abreast of emerging theory and applications and is designed to accommodate students with previously earned degrees and work experience. It also offers partnerships with leading software companies and professionals to advance the field through collaborative ventures, forums, research and internships.

Mission

The mission of the Computing and Software Systems program is to offer high-quality, upper-division undergraduate and graduate education to meet the needs of a diverse population of citizens and employers in Washington, especially in the South Puget Sound region.

The Computing and Software Systems program offers bachelor of science and

bachelor of arts degrees in Computing and Software Systems along with a master of science in Computing & Software Systems and two minors. Specific details about CSS electives, and plans for future development of the programs, are available from the program office.

Admission Requirements

To qualify for admission to the Computing and Software Systems program, the following standards must be met:

- A cumulative GPA (grade-point average) of at least 2.75 in all college-level coursework.
- A cumulative GPA of at least 3.0 in all college-level mathematics, physics and computing courses.
- 90 transferable college-level credits.
- Completion of admission requirements (see page 36). Some requirements may be completed after admission to the program and while in residence at UWT. Students with previous baccalaureate degrees or extensive work experience should meet with an adviser to discuss options.

Cover Letter

A brief cover letter requesting admission to the Computing and Software Systems program and clearly stating the applicant's name, address, phone number, e-mail address, the applicant's goals that are intended to be met by the program, the desired quarter of admission, full- or part-time status, and preference of day or evening classes is required. This information will be used to help assess the admission candidate's qualifications and fit with the program.

Transcripts

Students must submit two official transcripts from every college or university attended. A high school transcript must be submitted only if a foreign language taken in high school is being used to meet the foreign language requirement.

Recommendation

A minimum of one professional recommendation is required for all applicants. It is preferred that this be from a previous professor. However, it may come from a professional in the computing field who is familiar with the candidate's computing skills. A form is available from the department to help ensure that all information is provided.

OVERVIEW

The Institute of Technology at the University of Washington, Tacoma, launched in 2001, serves as home for the Computing and Software Systems program. Through innovative partnerships with area companies, the Institute helps students gain practical work experience and meets continually changing industry needs. The Institute also provides services to attract and support students from diverse educational, economic and ethnic backgrounds.

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Director: Orlando Baiocchi

Assistant Director, Student Development: Fiona Johnson

Assistant Director, Industry Partnerships: Andrew Fry

Administrator: Jessica Roshan

Adviser: Jill Haugen

K-12 Initiative Coordinator: Courtney Randazzo

Student Learning Initiative Coordinator: Kristofer Martin

Dual Admission for High School Students

The Dual Admission program helps students get a head start on their UWT degree.

Students enrolled in high school, or who have just graduated from high school, may begin a bachelor of science degree in Computing and Software Systems at the same time they pursue an associate's degree at one of the Institute's partner community colleges. The Dual Admission program allows students to apply and progress in both schools at the same time.

Students admitted to the Dual Admission program are considered fully enrolled at both UWT and their community college, with all the rights and responsibilities accorded any full-time student. During the first two years of the program, students take two computing courses at UWT while pursuing their associate's degree at the community college.

Special Dual Admission advisers help keep students on track by reviewing their progress and making sure their courses are appropriate to the Dual Admission curriculum. Students must maintain a minimum 3.0 GPA overall to progress.

The Dual Admission program allows students to gain valuable experience right away—experience that can improve their overall academic performance. In addition, students can experience and participate in UWT campus life and use the UWT libraries and computer labs.

Who should apply for Dual Admission?

Preference for acceptance to the Dual Admission program will be given to high school graduates who have completed the following high school core requirements:

- Composition/Literature – 4 years
- Mathematics – 3 years (a minimum of algebra, geometry and second-year algebra)
- Science – 2 years (including two semesters in the same science – biology, chemistry or physics – with a laboratory experience)
- Social Studies – 3 years
- Foreign Language – 2 years of the same language
- Fine, Visual or Performing Arts – 1/2 year
- Additional academic electives – 1/2 year

Students who do not meet all of these admission criteria but have a strong record overall, are encouraged to apply. One recommendation—preferably from a high school math, science or computer science teacher—is also required for admission.

To request an application or talk with a program adviser for more information, call (253) 692-5860.

Minors

Minors in Applied Computing and Computing and Software Systems are available to undergraduate students in other degree programs. Please see the “Minors and Certificates” section beginning on page 99.

Curriculum

The curriculum leading to the baccalaureate degree in Computing and Software Systems emphasizes the theoretical foundation and practical experience necessary for a career in the challenging and rewarding profession of software specification, development, design, implementation, maintenance, and re-engineering. The curriculum emphasizes the latest paradigms, languages and techniques of today's practitioners while building a strong base to support lifelong learning in the field. It also prepares students to pursue graduate studies and provides continuing education to current professionals. Industrial partnerships provide opportunities for a wide variety of practical experiences that complement classroom teaching and research projects.

COMPUTING AND SOFTWARE SYSTEMS ADMISSION REQUIREMENTS

Undergraduate class standing of junior	Completion of an approved associate's degree (academic transfer degree) or 90 transferable college credits. ¹
Foreign Language	Two years in high school of the same foreign language or 10 credits of one language at the college level. ¹
Mathematics	Requirement fulfilled by Natural World credits.
Quantitative/Symbolic Reasoning [Q]	Requirement fulfilled by Natural World credits.
Writing	10 credits Must include 5 credits of English composition and 5 credits of advanced composition or technical writing .
Visual, Literary and Performing Arts (Humanities) [V]	10 credits College-level foreign language credits can be applied toward this requirement.
Individuals and Societies (Social Science) [I]	10 credits
The Natural World² (Natural Science) [N]	15 credits Must include 5 credits each of calculus for science majors , math-based statistics and calculus-based physics .
Computing²	10 credits ³ Must include 5 credits each of Object-Oriented Programming I & II (Java preferred).
Electives	To complete a maximum of 95 transferable credits

¹ The Institute of Technology currently has Associate of Applied Science (A.A.S.) articulation agreements with select Washington state community colleges. Students working on an A.A.S. should talk to an adviser concerning completion of these requirements and transfer consideration within the agreements.

² Students are required to take an assessment test in programming after admission.

³ Students are expected to have the equivalent of the University of Washington, Tacoma's TCSS 142 and TCSS 143. See www.washington.edu/students/crscatt/tcss.html for details.

The curriculum has been built on the following principles:

- Computer software professionals must be capable of effectively employing the appropriate computing language to best meet the needs of a specific application. They must be prepared to learn and proficiently use new languages and tools as they become available, as well as to maintain and re-engineer existing applications.
- The field of computer software continues to evolve rapidly. This can be expected to continue through the career spans of today's students. Students must, therefore, possess the foundations, tools and lifelong learning skills to keep current in the field. Mathematical maturity and an understanding of the underlying theories of computing, computers, information and communication provide this foundation.
- Important software applications tend to be large and complex. It takes teams to produce them. Software should be error-free, robust, efficient and modifiable. The quality of its user interfaces and the interfaces to other applications is critical to its effectiveness. The adherence to accepted standards and procedures for software development is essential to the development process.
- Software development involves a community of participants. Effective management of the participants and the processes is critical to its success and ultimate value. All participants need to understand the expected principles and norms used in making the process effective and efficient.
- Practitioners of software design need to be able to join colleagues and competitors immediately in exploiting the latest concepts and technologies. Preparation for professional-level contributions in the field must include an introduction to and relevant experience with those emerging concepts and technologies.
- Software professionals must have excellent communication skills. Software development and maintenance requires that all participants—from conceptualizers to specification writers, designers, modelers, coders, testers, manual writers, and customer supporters—be precise and clear in communicating ideas, concepts, designs and processes for a software project to succeed.

- Software professionals must take responsibility for their work. They must practice the highest standards of ethics and must design their software to meet the most stringent social norms and societal expectations. The working lives of users, the value of the products and the future of the industry itself depend on practitioners being proactive in exercising their best judgment and effort.

Bachelor of Science

The Computing and Software Systems B.S. curriculum consists of:

- 50 credit hours of core Computing and Software Systems courses
- 25 credit hours of an approved Computing and Software Systems concentration
- 15 credit hours of approved electives

Core courses

There are ten core courses in the Computing and Software Systems program:

- Programming Practicum
- Discrete Structures I
- Discrete Structures II
- Data Structures
- Design & Analysis of Algorithms
- Machine Organization
- Computer Architecture
- Computer Operating Systems
- Software Development and Quality Assurance Techniques
- Computers, Ethics and Society

Concentrations

Concentrations consist of 25 credit hours of courses that produce a recognized or innovative preparation for a particular sub-discipline in Computing and Software Systems.

Electives

Students must complete 15 credits of approved electives, 10 credits of which must be upper division (300-400 level). The electives are expected to include courses outside the CSS program.

Prerequisites

Prerequisites must be completed with a grade of at least a 2.0 before progressing. Students are strongly encouraged to complete as many of the Computing and Software Systems core classes as possible before progressing to more advanced concentration courses.

Bachelor of Arts

Although the B.S. curriculum provides a strong and widely accepted course of study for those who want to enter a traditional computer science career path as a software developer, there are other career paths our graduates commonly pursue. The B.A. degree program offers solid grounding in the fundamentals of computer systems, but does not pursue topics (systems and theory) in as much depth. To compensate, students complete a minor in another academic area.

Curriculum

The curriculum consists of four parts: a series of core courses, selected CSS senior electives, courses to complete a UWT minor, and additional general electives.

Core Courses

Computing majors begin their course of study with a group of six required core courses (30 credits) in principles, analysis, techniques and technology. These courses are directed toward learning and applying the key competencies.

These courses are:

- TCSS 305 Programming Practicum
- TCSS 321 Discrete Structures I
- TCSS 325 Computers, Ethics and Society
- TCSS 342 Data Structures
- TCSS 360 Software Development and Quality Assurance
- TCSS 371 Machine Organization

CSS Senior Electives

CSS senior electives consist of 20 credits from 400-level CSS courses. Available CSS electives represent several sub-disciplines in Computing and Software Systems, including: applications software development, distributed computing development (e-commerce), database and information engineering, robotics, artificial intelligence, and communications and protocol software design.

See an adviser for more information about which courses will be available, and when they are scheduled to be offered.

UWT Minor

Students pursuing a bachelor of arts degree in CSS are required to choose a minor from one of UW Tacoma's other academic programs. Minors consist of 20-30 credits in a focused area of study. Careful planning will be required to integrate the required coursework into the student's schedule. Students will need to work closely with an academic adviser to map out a feasible schedule.

**If the student does not successfully pass the course with a minimum grade of 2.0 on the second try and wishes to take the course for a third time, the student must submit a petition to repeat the course to the program faculty for approval before being allowed to enroll for the course a third time. Instructions for completing the petition can be found on the Institute of Technology Web site: www.insttech.washington.edu.*

See the “Minors and Certificates” section starting on page 99.

General Electives

General electives consist of approved courses outside the CSS program. Students will need 10-20 credits of general electives depending on the student’s chosen minor. Electives provide students with the opportunity to take interdisciplinary courses to broaden their knowledge base.

Hands-On Learning Through Internships

Students who have completed the CSS core coursework have the option to receive academic credit for degree-related work experience in a paid or unpaid internship.

Internships allow students to apply theoretical and conceptual classroom knowledge to practical work experiences, and to gain broad experience in a professional work environment. Internships also offer employers a chance to involve students in professional design, implementation and research projects. Many employers view internships as a source for qualified, experienced employees.

Core Sequencing

All prerequisites must be completed before advancing to the next academic level. All courses within the major must be completed with a minimum grade of 2.0 (including TCSS 142 and 143). Advanced concentration courses build upon knowledge gained in the core courses. Courses may be repeated once.

In addition to the core and concentration/elective courses, the CSS program offers courses in programming for students who need to refresh skills before enrolling in core courses. Credit from these courses is not applied towards the Computing and Software Systems degree requirements.

Academic Standards

The following standards apply to all students in the Computing and Software Systems program. These standards may be in addition to other academic standards at the University of Washington, Tacoma.

- Students must satisfactorily complete all upper-division courses at UWT by achieving a minimum grade of 1.7 (2.0 in all CSS courses). If a grade below that is received, the student may repeat the course once with the approval of the program offering the course.* Course credit will be awarded only once, and both grades will be used in computing the grade-point average. If a grade below 1.7 is received in an elective course

outside of CSS, the course will not count toward graduation, but the student is not required to repeat the course.

- Courses in the Computing and Software Systems program may not be taken by correspondence (distance learning) without prior approval of the program.
- Courses in the Computing and Software Systems program may not be taken S/NS (satisfactory/not satisfactory).
- To substitute for a course in the major, upper-division Computing and Software Systems courses completed at other accredited four-year institutions may not be more than seven years old. If a course is more than seven years old, the student will be required to repeat the course at UWT. Credit will not be awarded twice for the same course.
- Upper-division courses used for transfer credit are held to the 2.0 grade standard required for all courses for Computing and Software Systems.
- Students changing to a Computing and Software Systems 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 Computing and Software Systems major who is dismissed from the University for low scholarship is removed from the Computing and Software Systems major.

To continue as a CSS student in any status, matriculated or otherwise, after being removed from the Computing and Software Systems major, a student must re-apply for admission. The Admissions Committee will evaluate the student’s file, personal statement requesting re-admission, and any extenuating circumstances and then will recommend action.

Computing Labs

The Institute of Technology has dedicated laboratories of specialized equipment to support the program. These laboratories are open 24 hours a day, seven days a week. Access to facilities is also available through Internet connections.

Graduation Requirements

To qualify for graduation with a baccalaureate degree in Computing and Software Systems from the University of Washington, Tacoma, a student must:

- Be a matriculated Computing and

Software Systems student in good academic standing with the University of Washington, Tacoma.

- Satisfy all of the admission requirements for entrance into the Computing and Software Systems program.
- Complete 180 credits, at least 85 of which must be upper-division (300-400 level) coursework.
- Complete 30 credits of CSS core courses in residence at the University of Washington, Tacoma.
- Complete 75 percent of CSS concentration courses in residence at the University of Washington, Tacoma.
- Complete the final 45 credits in residence at the University of Washington, Tacoma.
- Have a minimum cumulative grade-point average of 2.0 in all classes and a minimum cumulative grade-point average of 2.5 in all Computing and Software Systems classes.
- Apply for graduation with a Computing and Software Systems adviser by the application deadline posted by the Graduation and Academic Records Office for the expected date of graduation.

In addition to the general requirements for graduation, students earning the **bachelor of science degree** must also:

- Complete the specified 50 credits of core courses in the Computing and Software Systems major.
- Complete 25 credits in an approved concentration of Computing and Software Systems.
- Complete 15 credits of electives, at least 10 credits of which must be upper-division (300-400 level).

In addition to the general requirements for graduation, students earning the **bachelor of arts degree** must also:

- Complete the specified 30 credits of core courses in the Computing and Software Systems major.
- Complete 20 credits in approved concentration courses in the Computing and Software Systems major.
- Satisfy the requirements for a declared UW Tacoma minor.
- Complete 20-30 credits of general upper-division electives.

Students who are admitted to the

Computing and Software Systems program with a baccalaureate or master's degree are required to complete the core and concentration courses with a minimum grade of 2.0 and a total of 75 credits to qualify for a second bachelor's degree. Elective credit requirements are waived. In some cases, students may petition the faculty, using the Course Waiver Petition, for permission to use previous coursework or experience in place of core or concentration-level courses. The waiver does not guarantee that credit will be awarded for a course; the petitioning student may be required to complete additional coursework in place of the waived requirement.

Course Descriptions

For the most current course information, please consult the Institute of Technology Web site at www.insttech.washington.edu.

TCSS 142

Introduction to Object-Oriented Computer Programming

5 credits / Prerequisite: College pre-calculus

A modern, structured, object-oriented language will be used to introduce the design, implementation, modification, and verification of computer programs. Includes an introduction to program structure, object-oriented design, graphical user interfaces, and event-driven programming. *Credit does not satisfy CSS degree requirements.* [N] [Q]

TCSS 143

Fundamentals and Theory of Object-Oriented Computer Programming

5 credits / Assessment test required for placement in this course; pre-calculus

Fundamental theory and concepts of object-oriented computer programming. Concentrates on program specification, analysis, design, implementation and verification, as well as development of graphical user interfaces and event-driven programming. Emphasizes objects, modular design, inheritance, polymorphism and reusability. *Credit does not satisfy CSS degree requirements.* [N] [Q]

TCSS 305

Programming Practicum

5 credits / Prerequisite: Assessment test required for placement in this course; pre-calculus

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.

TCSS 321

Discrete Structures I

5 credits / Prerequisites: College-level calculus, TCSS 142

Definitions and tools for reasoning about discrete mathematical objects useful for computer professionals. Includes set theory, propositions and predicates, sequences, enumeration, algorithms, boolean algebra, permutations, methods of proof, probability and combinations with applications in computing. [N] [Q]

TCSS 322

Discrete Structures II

5 credits / Prerequisites: TCSS 321, TCSS 143

Covers advanced topics in discrete mathematics including advanced counting techniques, relations, graphs, trees and models of computation such as finite state machines and Turing machines. [N] [Q]

TCSS 325

Computers, Ethics and Society

5 credits / Prerequisites: TCSS 143, 10 credits of writing

Covers social issues involving functioning as an effective computer professional, diverse professional/technical literature, representation of controversies, understanding ethical frameworks/value systems underlying views. Determining professional impacts on co-workers, employers, clients, system users and society. Emphasizes written, verbal and electronic communications skills necessary in a diverse workplace. [I] [V] [W]

TCSS 342

Data Structures

5 credits / Prerequisite: TCSS 305 (may be taken concurrently), TCSS 321

Integrates mathematical principles with detailed program development. Applies mathematical reasoning, abstract data types and data structures. Explores efficiency of algorithms, sequential and linked lists, trees, searching, sorting, queues, hashing, directed graphs, depth-first algorithms, garbage collection and dynamic storage allocation.

TCSS 343

Design and Analysis of Algorithms

5 credits / Prerequisites: TCSS 322, TCSS 342

Develops competencies associated with problem solving, algorithms and computational models. Explores developing reusable, object-oriented software using design patterns, and practices applying them. Also explores algorithm analysis and design, and computational complexity. Includes efficient algorithms, models of computation, correctness, time and space complexity, NP-complete problems and undecidable problems.

TCSS 360

Software Development and Quality Assurance Techniques

5 credits / Prerequisites: TCSS 342, 10 credits of writing

Software design methodologies and Unified Modeling Language (UML). Includes software development life cycle, managing design in a team environment, top-down bottom-up processes, incremental development, rapid prototyping, abstraction, complexity, hierarchy, composition-decomposition, concurrency, software metrics, statistical process control, CASE tools and formal analysis and verification.

TCSS 371

Machine Organization

5 credits / Prerequisite: Calculus-based physics, TCSS 142

Develops the hardware basis for computing systems and the relationship between hardware and software. Covers number representations, digital logic, machine organization, instruction set architecture and assembly language. Includes an introduction to high-level languages and the translation of such a language into machine instructions.

TCSS 372

Computer Architecture

5 credits / Prerequisites: TCSS 371 and TCSS 342

Covers the micro-architecture level of machine design and advanced architecture features for performance enhancement. Topics include I/O, bus, memory and CPU design, hardware support for operating systems, CISC/RISC architectures, embedded systems, and parallelism. Extends the understanding of systems programming.

TCSS 390

Undergraduate Seminar in CSS

2 credits (max. 12)

Enhances problem-solving skills. Topics and approaches vary. Includes lectures and problem sessions in mathematics, programming, problem solving, and CSS applications. *Credit/no credit only. Credit does not satisfy CSS degree requirements.*

TCSS 422

Computer Operating Systems

5 credits / Prerequisite: TCSS 343, TCSS 372

Examines the fundamental concepts of operating systems and how they function. Includes process management, memory management, file systems, concurrency, interprocess communication, graphical interfaces, and security.

ABOUT FULFILLING ADMISSION REQUIREMENTS

Some students are admitted to UWT before they have completed all of their admission requirements. Students may fulfill missing requirements in the Areas of Knowledge and Quantitative/Symbolic Reasoning through courses offered at UWT. Courses that fulfill these requirements are indicated with bold letters at the end of the course description: [V] Visual, Literary and Performing Arts (Fine Arts and Humanities); [I] Individuals and Societies (Social Sciences); [N] The Natural World (Natural Sciences); [Q] Quantitative/Symbolic Reasoning; and [W] Writing.

TCSS 430**Networking and Distributed Systems***5 credits / Prerequisites: TCSS 422, TCSS 360*

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.

TCSS 431**Network Security***5 credits / Prerequisite: TCSS 422*

Covers cryptographic methods including public and private key algorithms. Examines protocols that utilize such methods, such as secure e-mail, 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.

TCSS 432**Advances in Object-Oriented Design***5 credits / Prerequisite: TCSS 360*

Prepares students for understanding and using advances in object-oriented design. Emphasizes criteria for modularization, specification of modules, larger-scale design elements such as design patterns and generic programming.

TCSS 435**Artificial Intelligence and Knowledge Acquisition***5 credits / Prerequisites: TCSS 360, TCSS 372*

Introduction to the use of artificial intelligence theories, techniques and tools. Foundational material includes search, knowledge representation, machine learning and planning. AI techniques applied to practical problems in areas such as control systems, optimization, scheduling and classification.

TCSS 437**Mobile Robotics***5 credits / Prerequisite: TCSS 360, TCSS 422*

Covers the theory and practice of developing algorithms for motion control, navigation, obstacle avoidance and mobile autonomous robotic devices. Using robotic construction kits, students build and program sophisticated mobile robots. Principles of designing and programming embedded, real-time systems are introduced. *Lab fee required.*

TCSS 440**Formal Models in Computer Science***5 credits / Prerequisite: TCSS 343*

Languages, finite automata, regular expressions, context-free grammars, and other automata such as pushdown store machines and Turing machines. Models of computation, computable and non-computable functions, non-determinism, space and time complexity, tractable and intractable functions.

TCSS 445**Database Systems Design***5 credits / Prerequisite: TCSS 343*

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.

TCSS 450**Graphical Display of Information***5 credits / Prerequisite: TCSS 360 or TINST 310*

Developing software user interfaces based on human-computer interaction principles. Evaluate, design and program user interface systems. Fundamentals of human cognition, system characteristics, and human/system interaction; usability methods and user/task-centered design; tools for designing and building user interfaces, emphasis on rapid applications development. Project includes development and evaluation of a user interface.

TCSS 451**Introduction to Digital Media***5 credits / Prerequisite: TCSS 343 & 360*

Covers display devices and interactivity; digital color representation; geometric primitives, patches, and parametrics; affine transformations; scene graph programming; lighting systems; texture maps; projection/hidden surfaces; forward and reverse kinematics; particle systems; rendering; digital audio formats; digital video formats; format conversion and compression algorithms; and streaming methods.

TCSS 455**Development of Enterprise Applications***5 credits / Prerequisite: TCSS 360*

Enterprise application development; communication among objects in different applications and on different computers; event-driven programming; multi-threaded programming; client-server and n-tier architectures; maintain persistent object state; introduction to component framework such as Enterprise JavaBeans.

TCSS 458**Computer Graphics***5 credits / Prerequisite: TCSS 342*

Introduction to the main concepts in image synthesis, modeling and animation. Topics include displays, drawing and rendering algorithms, geometric transformations, 2-D and 3-D viewing, objects representation and computer animation.

TCSS 460**Client/Server Programming for Internet Applications***5 credits / Prerequisites: TCSS 360, TCSS 422*

Examines languages and techniques for Internet and client server application programming. Covers languages like CGI, Perl, XML, JavaScript, and DHTML, and topics like scripts, queries, forms, data access, redirection, firewalls, proxies, hypermedia, cookies, gateways and Web services.

TCSS 465**Embedded Real-Time System Programming***5 credits / Prerequisite: TCSS 422*

An examination of 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.

TCSS 470**Software Re-engineering***5 credits / Prerequisite: TCSS 360*

Examines concepts and techniques for re-engineering software systems to meet new requirements without performance risk. Includes comparisons of agile processes, CASE (Computer-Aided Software Engineering) tools, refactoring, defensive design techniques and software tools for software evaluation.

TCSS 475**Entrepreneurship in Computing and Software Systems***5 credits / Prerequisites: TCSS 360 or TINST 310*

A 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. The course will include lectures by professionals who have experience and success in starting businesses.

TCSS 480**Comparative Languages***5 credits / Prerequisite: TCSS 343*

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.

TCSS 481**Computer Security***5 credits / Prerequisite: TCSS 342, TINST 312 (may be taken concurrently with TINST 312)*

Discusses theoretical and practical issues surrounding computer security and data protection. Explores formal models of encryption and authentication; operating system and network security; programming and vulnerability analysis.

TCSS 490**Special Topics***5 credits, max. 10 / Prerequisites: TCSS 343*

Examines current topics and issues associated with computing and software systems.

TCSS 497**Internship in CSS***1-10 credits, max. 10 / Prerequisites: TCSS 422 or permission of instructor*

Completion of project as delineated in a contract among student, faculty adviser and community sponsor.

TCSS 498**Directed Readings in CSS**

1-5 credits, max. 10 / Prerequisites: TCSS 422
Readings in Computing and Software Systems as specified in a contract with faculty member. *Cannot be taken for CSS technical elective credit.*

TCSS 499**Undergraduate Research**

1-10 credits, max. 10 / Prerequisites: TCSS 422
Design and implementation of a research study as specified in a contract with a faculty member.

Courses for non-CSS majors**TINST 307****Living and Working in a Virtual World**

3 credits

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 the principles can empower one to live effectively in a virtual community. *Not open to CSS majors.*

TINST 310**Computational Problem Solving**

5 credits

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. *Not open to CSS majors.*

TINST 311**Database Management and Data Analysis**

5 credits

Covers methods for transforming data into information through a database management system, how to query it interactively, how to visualize it in an meaningful way, how to share it on the Internet and how to analyze it. *Not open to CSS majors.*

TINST 312**Computer Networks and the Internet**

5 credits / Prerequisite: TINST 310

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. *Not open to CSS majors.*

TINST 401**Technology in the Service of Global Society**

5 credits

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. [I]

TINST 490**Special Topics in Applied Computing**

5 credits

Examines current topics and issues associated with applied computing. *Not open to CSS majors.*

TINST 498**Directed Readings in Applied Computing**

1-5 credits / Prerequisite: TINST 310

Readings as specified in agreement with a faculty member. Consultation with a professor in a student's major is encouraged. *Not open to CSS majors.*

TINST 499**Research in Applied Computing**

1-5 credits / Prerequisite: TINST 310

Design and implementation of a research study as specified in a contract with a faculty member. *Not open to CSS majors.*

Faculty**Orlando Baiocchi****Director and Professor**

Computing and Software Systems
Electrical Engineering; Ph.D., University College in London, 1976.

Isabelle Bichindaritz

Assistant Professor, Computing and Software Systems; Computer Science; Ph.D., University Rene Descartes (Paris), 1994.

Donald Chinn

Assistant Professor, Computing and Software Systems; Computer Science; Ph.D., University of Washington, 1995.

Sam Chung

Assistant Professor, Computing and Software Systems; Computer Science; Ph.D., University of South Florida, 1995.

Larry A. Crum

Professor, Computing and Software Systems
Electrical Engineering; Ph.D., Marquette University, 1971.

Steve Hanks

Professor, Computing and Software Systems; Computer Science; Ph.D., Yale University, 1990.

Edwin Hong

Assistant Professor, Computing and Software Systems; Computer Science; Ph.D., University of Washington, 2001.

LouAnn Lyon-Banks

Lecturer, Computing and Software Systems; Computer Science; M.S., California State University Chico, 1995.

Don McLane

Lecturer, Computing and Software Systems; Electrical Engineering; M.S., Notre Dame University, 1987.

George Mobus

Graduate Coordinator and Associate Professor, Computing and Software Systems; Computer Science; Ph.D., University of North Texas, 1994.

Moshe Rosenfeld

Professor, Computing and Software Systems; Mathematics; Ph.D., Hebrew University of Jerusalem, 1967.

Martin Stepp

Lecturer, Computing and Software Systems; Computer Science; M.S., University of Arizona, 2003.

Josh Tenenberg

Undergraduate Coordinator and Associate Professor, Computing and Software Systems; Computer Science; Ph.D., University of Rochester, 1988.

Global Honors

The Global Honors program serves students in all undergraduate majors, including those who wish to enter careers that address the needs of our region and our world. This interdisciplinary program builds on what students learn within their academic majors and appeals to students seeking a more complete and sophisticated understanding of world problems. The program draws on the strengths of UWT's exceptional faculty from all academic units and adds substantially to options available to honors students at UW Tacoma.

Curriculum

The Global Honors curriculum develops advanced critical thinking, writing and analytical skills. Topics are approached from an interdisciplinary perspective and vary depending on the professor's expertise and the interest of the students. Classes are conducted as seminars and may include presentations, individual or group projects and writing and critiquing papers. Students are expected to maintain an overall GPA of 3.50 in all coursework at UWT.

Junior Year

Students take three core seminars of five credits each. Each seminar includes extensive reading lists, rigorous writing and research assignments and the expectation of active participation by students.

TGH 301 Global Interactions

TGH 302 Global Imagination

TGH 303 Global Challenges

Senior Year

Thesis/Project

All students complete a thesis or project of 5-10 credits, either in Global Honors or their academic unit, and present it at a special event sponsored yearly by Global Honors.

Study Abroad

Students study in a foreign country, preferably for one full quarter (though other options are also available).

Foreign Language

Students are strongly encouraged to develop competence in at least one second language.

Admission

Global Honors is a competitive program. Students are selected on the basis of academic achievement (a GPA of 3.50 during the first two years of college-level work), their potential for bringing unique perspectives to the Honors Program and for making an exceptional contribution to the program. Students enter the program in fall quarter as members of a cohort. Students are not admitted within their final 45 credits of graduation.

Applicants to the UWT Global Honors Program must apply and be accepted to an academic program at the University of Washington Tacoma. Following acceptance to a UWT academic program, Global Honors applicants should submit the following:

- A letter of application indicating why you are interested in the UWT Global Honors Program, what you think you could gain from the program and what you believe you could contribute to the program.
- A writing sample of a 5-10 page college paper.
- A copy of your transcript.
- Two letters of recommendation from individuals familiar with your academic capabilities and potential for

OVERVIEW

Phone: (253) 692-4770

Fax: (253) 692-4725

Office: CP 311C

Campus box: 358436

Web site: www.tacoma.washington.edu/globalhonors

Director: William Richardson

Administrator & Adviser:
Beth Ahlstrom

success in the Global Honors Program. Letters should be mailed to:

Global Honors Program
UW Tacoma
Attn: Beth Ahlstrom
Campus Box 358436
1900 Commerce Street
Tacoma, WA 98402-3100

You will be contacted to schedule an interview when all your application materials have been received and reviewed.

Course Descriptions

For the most current course information, please consult the Global Honors Web site at www.tacoma.washington.edu/globalhonors.

TGH 301 Global Interactions

5 credits

This course examines the major ideological and intellectual movements that shaped the human experience in the 20th century. It focuses on nationalism, imperialism, fascism and communism in the context of global history in the last century.

TGH 302 Global Imaginations

5 credits

This course 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 to be examined in any given offering of the class will vary. In addition to works considered to be “masterpieces” by critics, the class will also consider 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.

TGH 303 Global Challenges

5 credits

This class examines major challenges facing the world in the 21st century. It deals with such contemporary issues as economic development, poverty and the distribution of resources, ecological concerns, public health, global conflict, nationalism, race, religion and human rights.

Faculty

Global Honors courses are taught by faculty from several academic programs on campus.

Interdisciplinary Arts and Sciences

Bachelor of Arts • Bachelor of Science (Environmental Science)

Interdisciplinary Arts and Sciences offers three degrees:

- Bachelor of Arts degree in Interdisciplinary Arts and Sciences
- Bachelor of Science degree in Environmental Science (*see page 56*)
- Master of Arts degree in Interdisciplinary Studies (*see page 121*)

The Interdisciplinary Arts and Sciences curriculum is a program of upper-division study in the humanities, social sciences and natural sciences. The focus of the curriculum is the comparative study of peoples, groups, societies, cultures and environments within the United States and selected regions of the world. To provide an interdisciplinary and comparative basis for the study of different groups, societies and cultures, the Interdisciplinary Arts and Sciences curriculum is organized around three general dimensions: Culture and Ideas (Fine Arts and Humanities), Society and the Individual (Social Sciences) and The Natural World (Natural Sciences).

The goals of the Interdisciplinary Arts and Sciences curriculum are to help students:

- Develop proficiency in skills such as writing and critical thinking that are needed for productive careers and gain mastery of a broad curriculum in the humanities, social sciences and environmental science
- Achieve knowledge of the theories, concepts and methods of cross-cultural analysis
- Understand the complexity of relations between groups, societies, cultures and natural environments, the history of these relations and the forces of social change
- Gain a knowledge and appreciation of cultures other than their own while exploring the expression of cultural identity, thought and beliefs through literature and the other arts
- Build experience in the analysis of environmental issues and their scientific basis

Bachelor of Arts

The Bachelor of Arts degree in Interdisciplinary Arts and Sciences offers concentrations in:

- American Studies
- Arts, Media and Culture
- Communication
- Environmental Studies
- Ethnic, Gender and Labor Studies
- General Studies
- Global Studies
- Individually-Designed Concentration
- Political Economy
- Politics and Values
- Psychology
- Self and Society

OVERVIEW

Interdisciplinary Arts and Sciences is an evolving, culturally relevant course of study grounded in a respect for diversity and responsive to the needs and desires of the communities around us. We create an atmosphere in which we promote academic excellence by encouraging students to think, write and speak in ways that enhance their own development, their sense of community and their ability to deal with problems of injustice and equality, as well as their dedication to positive change.

Phone: (253) 692-4450

Fax: (253) 692-5718

Office: WCG 424

Campus box: 358436

Web site: www.tacoma.washington.edu/ias

Director: William Richardson

Associate Director: Cynthia Duncan

Administrator: Julie Buffington

Advisers: Linda Kachinsky, Loretta Lukaczer

Minors

Interdisciplinary Arts and Sciences offers minors in the following areas:

- Asian Studies
 - Education
 - Environmental Studies
 - Hispanic Studies
 - Human Rights
 - Museum Studies
 - Nonprofit Management
 - Public History
- along with certificates in:
- Nonprofit Management
 - Restoration Ecology

For more information, please see the “Minors and Certificates” section beginning on page 99.

Admission Requirements

All students who have completed the admission requirements shown in the table at right with a cumulative GPA of 2.0 and 90 credits will be considered for admission to all concentrations except Environmental Studies and Psychology, which have additional prerequisites.

Admission requirements for the Bachelor of Science in Environmental Science are shown in the grid on page 61.

Entering students are expected to have completed 90 quarter credits before entry. Substitutions may be allowed for certain requirements.

When Interdisciplinary Arts and Sciences is fully enrolled and there are more qualified applicants than can be accommodated, admission will be competitive and applicants will be evaluated on three principal criteria:

- Appropriateness of academic preparation for the degree program
- Likelihood of success in the degree program
- Relationship between the degree program and academic or career plans and opportunities

Applicants should submit completed applications by the priority application dates. Early applications are encouraged.

A complete application includes the completed Application for Undergraduate Admission, \$35 application fee, two official transcripts from each college or university attended (and a high school transcript if using high school credit to fulfill math or foreign language requirements), a personal statement including life and career goals and how the IAS degree will help advance these goals.

Advising

Students are strongly encouraged to meet with a program adviser and faculty adviser early in their careers at UWT. Advisers can:

- Help students to select a concentration and determine a plan of study
- Provide guidance on selection of courses
- Offer advice about resources available to help students succeed academically
- Assist students in identifying career and educational goals
- Help students plan internships and independent studies and apply for graduation.

In addition, the IAS program is growing rapidly, and an appointment with an adviser

can help determine if new courses are applicable to the student’s concentration requirements.

Interdisciplinary Areas

Courses are distributed among three interdisciplinary areas within the Interdisciplinary Arts and Sciences curriculum:

- **Culture and Ideas** (Fine Arts and Humanities)

Ideas, Beliefs and Cultural Patterns (TIBC): encompasses the historical, intellectual, philosophical, secular and religious beliefs of a people or group.

Cultural Expression (TCX): represents the collective literature and other

INTERDISCIPLINARY ARTS & SCIENCES ADMISSION REQUIREMENTS

This grid reflects admission requirements for the Bachelor of Arts degree (B.A.) only. There are different requirements for the Bachelor of Science (B.S.) in Environmental Science (see the grid on page 60).

Undergraduate class standing of junior	Completion of an approved associate’s degree (academic transfer degree) or 90-105 transferable college credits. ¹
Foreign Language	Two years in high school of the same foreign language or 10 credits of one language at the college level.
Mathematics	Three years of high school math through intermediate (second year) algebra or a course in intermediate algebra at the college level.
Quantitative/Symbolic Reasoning [Q]	5 credits E.g., symbolic logic, college-level algebra, statistics, pre-calculus, microeconomics or macroeconomics. Other courses may apply. ²
Writing	15 credits Must include 5 credits of English composition and 10 additional credits of writing-intensive coursework.
Visual, Literary and Performing Arts (Humanities) [V]	15 credits
Individuals and Societies (Social Science) [I]	15 credits
The Natural World (Natural Science) [N]	15 credits Students in the Environmental Studies concentration must complete 30 credits in this category. ³
Electives	To complete 90-105 transferable credits

¹ Exceptions may be made for students completing the Washington state-recognized Associate of Science degree (A.S.). Please contact an adviser for more information.

² Students who enrolled in college prior to Autumn 1985 are exempt from this requirement.

³ Environmental Studies students must complete 30 credits of Natural World courses to include 10 credits of Biology (with lab), 10 credits of Chemistry (with lab), 5 credits of Earth Science (geology, oceanography or meteorology; may be taken at UWT) and 5 credits of Statistics (may be taken at UWT). A grade of 2.0 must be met in all science and math prerequisite courses. These courses must have been completed within the last five years. Please contact IAS for more information.

artistic expressions of a group or a people.

■ **Society and the Individual** (Social Sciences)

Communities and Social Institutions (TCSI): considers the ethnic, gender and class basis of a society and how families, communities and work are organized in a group or society.

States and Markets (TSM): examines the economic, corporate and governmental forces that tie groups and nations into patterns of cooperation, dependence and competition.

■ **The Natural World** (Natural Sciences)

Natural World/Science: explores the interdependence between human communities and the natural environment. Includes environmental science (TESC), environmental studies (TEST), and (TQS) quantitative skills courses.

IAS Course Classifications*

General (G) courses are not exclusive to the International or United States categories, but deal with universal concerns and interests.

International (IN) courses focus on international issues and concerns. May vary from cultural or political studies to art or writing.

United States (US) courses focus on issues within the United States. May vary from social studies to art, writing or architecture.

IAS Course Prefix Structure

TCOM

Communication courses

TCSIG

Communities and Social Institutions courses with a general focus

TCSIIN

Communities and Social Institutions courses with an international focus

TCSIUS

Communities and Social Institutions courses with a United States focus

TCXG

Cultural Expressions courses with a general focus

TCXIN

Cultural Expressions courses with an international focus

TCXUS

Cultural Expressions courses with a United States focus

TESC

Environmental Science courses

TEST

Environmental Studies courses

TIAS

Undergraduate independent study courses and graduate courses in Interdisciplinary Studies

TIBCG

Ideas, Beliefs and Cultural Patterns courses with a general focus

TIBCIN

Ideas, Beliefs and Cultural Patterns courses with an international focus

TIBCUS

Ideas, Beliefs and Cultural Patterns courses with a United States focus

TPSYCH

Psychology courses

TQS

Quantitative Skills courses

TSMG

States and Markets courses with a general focus

TSMIN

States and Markets courses with an international focus

TSMUS

States and Markets courses with a United States focus

Independent Study Courses

Independent study courses are intended for students to do advanced work in a special area of study normally not offered in the regular curriculum. Students may enroll in these courses only after receiving written permission from the instructor who has agreed to supervise the student's work. A total of no more than 15 credits of internships, senior thesis, directed readings and undergraduate research may be applied toward the Bachelor of Arts degree requirements. (A maximum of 10 credits of internships may count toward the Bachelor of Arts degree.)

Graduation Requirements

To be eligible for graduation with the Bachelor of Arts degree in Interdisciplinary Arts and Sciences, each student enrolled in the program must meet the scholastic standards outlined on page 27, and complete the following program requirements:

- Complete a minimum of 90 credits (a maximum of 15 credits may be Satisfactory/Not Satisfactory; see program adviser for details) at the upper-division level as follows:
 - 45-65 credits of Interdisciplinary Arts and Sciences coursework. Please see the list for each con-

centration for specific graduation requirements.

- 25-45 credits of electives.

- Complete at least 45 of last 60 credits *in residence* at the University of Washington, Tacoma.
- Compile a portfolio of work completed during the course of the student's residence at UWT and submit it for review during the second week of the student's last quarter of enrollment.
- Meet with a program adviser to complete a graduation application no later than the second week of the quarter in which the student plans to graduate.

Interdisciplinary Arts and Sciences Honors

IAS seniors may apply to graduate "with honors" in IAS. To begin the process, students should talk to an IAS staff or faculty adviser. The IAS honors option is different from, but can be pursued alongside, other UWT honors distinctions such as University honors and various honor societies.

To qualify to graduate with honors in IAS, a student must:

- Have earned a 3.7 cumulative GPA at the time of application and at graduation.
- Submit a formal application to the IAS office.
- Meet all program and concentration graduation requirements.
- Write a graded senior honors thesis (10 credits, typically over two quarters—research the first quarter, writing the second). The honor thesis is to be arranged between the student and any full-time IAS faculty member.

Study Abroad

Interdisciplinary Arts and Sciences faculty lead a number of study-abroad trips each year to places like Cuba, Mexico, Costa Rica, Italy, Russia and the Far East. Students tour museums, visit historical sites, learn about art and culture, study language, attend lectures and workshops, carry out research projects and experience daily life in a different culture. These programs range in length from one week to one month, and satisfy requirements in numerous concentrations. For details, visit the study-abroad site on the IAS Web site or talk to a program or faculty adviser.

**Natural Science (Environmental Science, Environmental Studies and Quantitative Skills), Communication and Psychology courses are excluded from this classification scheme.*

Concentrations

The Bachelor of Arts degree is offered with the choice of the following 12 concentrations.

American Studies

American Studies students can pursue a variety of subjects and themes within an American context. American Studies allows students to examine cultural, artistic, political and economic patterns in the United States and explore diverse aspects of American experience. Students may also focus on specific subjects such as ethnicity or religion, or on particular modes of inquiry, such as those found in social science, history, or the study of literature, media and the arts. American Studies is recommended for students interested in careers in media, education, government, business, nonprofit agencies and law. Depending on the focus students choose, they may pursue graduate studies in related disciplines.

Concentration graduation requirements

Students must complete 90 upper-division credits (a maximum of 15 transferable lower-division credits may be counted to fulfill electives) as follows:

- Core Course: TSMUS 300 Making of America (5 credits). Must complete during first 45 UWT credits.
- Capstone Course: TSMUS 423 American Retrospective (5 credits).

American Studies seniors only; prerequisite: TSMUS 300. Includes portfolio completion. Can include optional, concurrent Senior Thesis (TIAS 497).

- 35 credits of United States (US) course offerings. Must include a minimum of one Society and Individual (TCSIUS, TPSYCH or TSMUS) course and one Culture and Ideas (TCXUS or TIBCUS) course from the following list:

TCSIG 436	North American Regions
TCSIG 444	The Pacific Northwest
TCSIG 445	The Metropolis
TCXG 377	Art of the Americas
TCXG 470	The Material World: Art and Artifacts
TCXIN 373	Asian-American History and Literature
TESC 343	The Atmosphere and Air Pollution
TESC 345	Pollution and Public Policy
TESC 347	Maritime History and Science in the Pacific Northwest
TEST 403	Geography of the U.S. and Canada
TIBCUS 430	Introduction to Public History
TPSYCH 401	Family Violence

- Language or International courses (0-10 credits)

- Option One (0 credits): Competency demonstrated outside of UWT: foreign language 103 or three years of high school foreign language or native speaker certification.
- Option Two (5 credits): One UWT foreign language course (TCXG 301, 302 or 303)
- Option Three (10 credits): TSMIN 300 plus one additional IN course

- 5 credits: One Natural World course (TESC prefix) if not fulfilled as part of the US core.

- 30-40 credits of upper-division electives (a maximum of 15 transferable lower-division credits may be counted to fulfill electives).

See the American Studies Web site for the most current concentration options at www.tacoma.washington.edu/ias/academics/ba/american_studies.cfm.

Arts, Media and Culture

This concentration focuses on how the broadly defined fields of art and media operate within culture and how they transform it. Students study formal, aesthetic, and socio-cultural ways of understanding literature, visual art, film, music and other media. The concentration introduces students to a range of fields and provides experience in both American and international contexts; at the same time, students may specialize to some degree in one of the particular fields listed in the course offerings. This concentration is recommended for students pursuing broad cultural literacy, as well as advanced study in performing and visual arts or a variety of graduate programs in the humanities. It prepares students for a range of careers including publishing, media, public relations, museum work, public history and the arts.

Concentration graduation requirements

Students must complete 90 upper-division credits (a maximum of 15 transferable lower-division credits may be counted to fulfill electives) as follows:

- One historical context course (List A):
 - TSMIN 300 International Interactions
 - TSMUS 300 Making of America
- One cultural context course (List B):
 - TCXG 330 Western Arts and Culture in Context
 - TCXIN 461 Contemporary Mexican Culture
 - TCXIN 463 Contemporary Cuban Culture
 - TCXIN 464 The Arts, Cultures and History of Mexico

TIBCG 353	The End of the Modern World (1600-2000)
TIBCG 361	Ethics in Society
TIBCIN 354	History of the Concept of Culture
TIBCIN 355	Mind of Modernity
TIBCIN 357	The Greek Mind and Imagination
TIBCIN 358	History of Philosophy: Medieval and Modern
TIBCIN 360	History of Philosophy: Modern and Contemporary
TIBCIN 450	Contemporary Theories of Culture
TIBCIN 451	Renaissance Europe
TIBCIN 462	African Folklore and Literature
TIBCIN 466	Modernity and Its Critics
TIBCUS 365	North American Indian Traditions

- One interpretive course (List C):

TCXG 372	Writing Effectively
TCXG 380	Humanities Research and Writing Seminar
TCXG 470	The Material World: Art and Artifacts
TCXG 471	Culture and Meaning in the Visual Arts
TCXIN 372	Film Studies
TIBCG 448	Art Administration
TIBCIN 350	Ancient Literature of Western Civilization
TIBCIN 351	Modern Literature of Western Civilization
TIBCIN 353	Medieval and Renaissance Literature of Western Civilization
TIBCIN 450	Contemporary Theories of Culture
TIBCIN 456	Postcolonial Studies: African Perspectives
TIBCUS 430	Introduction to Public History

- One practice/studio course (List D):

TCOM 347	Television Criticism and Application
TCOM 348	Writing for Television
TCOM 349	News Writing
TCOM 351	Video Production
TCOM 387	Writing for Public Relations
TCOM 470	Documentary Production and Critique
TCOM 486	Feature Writing for Print Media
TCXG 336	Glass Arts
TCXG 340	Landscape in Contemporary Art
TCXG 341	Writing Popular Fiction
TCXG 368	The Human Figure in Contemporary Art
TCXG 373	Introduction to Writing Poetry
TCXG 381	Introduction to Creative Writing: Fiction
TCXG 382	2-D Design and Contemporary Approaches in Art
TCXG 384	3-D Art and Contemporary Approaches to Sculpture
TCXG 386	Contemporary Art and Studio Drawing
TCXG 390	Site Specificity in Art
TCXG 391	Reconstructing Self in Art
TCXG 402	Eco-Art: Art in Response to Environmental Crisis

TCXG 403 Body Image and Art
 TCXG 482 Editing a Literary Arts Magazine
 TCXG 484 Writing Creative Nonfiction

■ 35 credits (at least 5 credits from each of the following lists, E-G):

Visual Arts (List E):

TCXG 330 Western Arts and Culture
 TCXG 335 History of Photography
 TCXG 368 The Human Figure in Contemporary Art
 TCXG 377 Art of the Americas
 TCXG 379 Modern Architecture
 TCXG 382 2-D Design and Contemporary Approaches in Art
 TCXG 383 South Sound Contemporary Art
 TCXG 384 3-D Art and Contemporary Approaches to Sculpture
 TCXG 386 Contemporary Art and Studio Drawing
 TCXG 389 Art from the Impressionists to the Surrealists
 TCXG 390 Site Specificity in Art
 TCXG 391 Reconstructing Self in Art
 TCXG 402 Eco-Art: Art in Response to Environmental Crisis
 TCXG 403 Body Image and Art
 TCXG 470 The Material World: Art and Artifacts
 TCXG 471 Culture and Meaning in the Visual Arts
 TCXIN 381 Society, Self and Worldview in the Arts of India
 TCXIN 382 Society, Self and Worldview in the Arts of China
 TCXIN 383 Society, Self and Worldview in the Arts of Japan
 TCXIN 384 Society, Self and Worldview in the Arts of the Pacific
 TCXIN 477 Patronage, Religion and Propaganda in European Art (1590-1750)
 TCXIN 478 Revolution, Industrialization and Modernity in European Art (1780-1900)
 TCXIN 479 Modern European Art
 TCXUS 376 American Architecture
 TCXUS 383 Early American Music, Art, Literature, Education and Theater
 TIBCG 449 Museum Studies
 TIBCUS 430 Introduction to Public History
 TIBCUS 464 Native American Cultural Areas

Film/Media (List F):

TCOM 353 Critical Approaches to Mass Communication
 TCOM 354 Communication History
 TCOM 430 Global Networks, Local Identities
 TCOM 444 Gender, Ethnicity, Class and the Media
 TCOM 454 Communications Law
 TCOM 457 Ethical Issues in Mass Communication
 TCOM 458 Children and Television
 TCOM 470 Documentary Production and Critique

TCOM 480 Political Economy of the Media
 TCOM 481 Communication Regulation and Policy
 TCSIG 348 Film and Human Values
 TCSIIN 441 Mexican Cinema and Society
 TCXG 483 Film Directors (*topics may vary*)
 TCXIN 372 Film Studies
 TCXIN 376 Hispanic Film
 TCXIN 386 Silent Cinema
 TCXIN 420 Contemporary World Cinema
 TCXIN 474 Russian History and Soviet Film
 TCXIN 481 Film Theory and Aesthetics
 TCXIN 484 French Cinema
 TCXIN 486 Feminist Perspectives in Film and Literature
 TCXUS 485 Media Genres
 TIBCUS 451 Cultural Studies: Film and Society (*only this version of the course*)

Literature and Language (List G):

TCXG 301 Intensive Spanish: Reading Skills
 TCXG 302 Intensive Spanish: Conversational Skills
 TCXG 303 Intensive Spanish: Practical Writing Skills
 TCXG 341 Writing Popular Fiction
 TCXG 369 Shakespeare
 TCXG 371 The World Stage
 TCXG 372 Writing Effectively
 TCXG 373 Introduction to Writing Poetry
 TCXG 381 Introduction to Creative Writing: Fiction
 TCXG 387 Varieties of Literary Criticism
 TCXG 482 Editing a Literary Arts Magazine
 TCXG 484 Writing Creative Nonfiction
 TCXG 488 Modern Novel
 TCXIN 377 Mexican Literature and the Search for National Identity
 TCXIN 476 Latin American Women Writers
 TCXIN 486 Feminist Perspectives in Film and Literature
 TCXUS 374 American Literary Movements, Genres and Historical Periods
 TCXUS 377 American Poetry
 TCXUS 378 Studies in Selected American Writers
 TCXUS 382 Cross-Cultural Studies in Contemporary Women's Literature
 TCXUS 383 Early American Music, Art, Literature, Education and Theater
 TCXUS 384 African-American Women's Literature
 TCXUS 385 African-American Literature from Slavery to the Present
 TCXUS 476 American Women's Literature: 19th and 20th Century Texts
 TCXUS 477 Nature and the Environment in American Literature
 TCXUS 478 Literature of the Harlem Renaissance
 TCXUS 479 Contemporary Native American Women's Literature

TCXUS 482 American Folklore: Biographies of Race, Ethnicity and Gender
 TIBCIN 350 Ancient Literature of Western Civilization
 TIBCIN 351 Modern Literature of Western Civilization
 TIBCIN 353 Medieval and Renaissance Literature of Western Civilization
 TIBCIN 453 Ancient Greek Tragedy
 TIBCIN 455 Medieval Quests
 TIBCIN 462 African Folklore and Literature

■ 5 credits of Natural World courses (TESC prefix)

■ 30 credits of upper-division electives (a maximum of 15 transferable lower-division credits may be counted to fulfill electives).

See the Arts, Media and Culture Web site for the most current concentration options at www.tacoma.washington.edu/ias/academics/ba/arts_media_culture.cfm.

Communication

Communication media, which include radio, television, newspapers, magazines, film, advertising, and the Internet, pervade every aspect of our society. The media wield considerable power in mobilizing public opinion, in cutting across the boundaries between private and public interests, and play a strong role in national and cultural development. Students taking the Communication concentration will learn about the social, cultural, economic, political, and historical contexts within which the media operate. Through an interdisciplinary and multicultural curriculum, they will gain theoretical knowledge and practical skills in the mass media. This concentration is recommended for students pursuing a broad range of careers including: print and broadcast writing, reporting and editing, public relations or media research or those who intend to pursue graduate studies.

Students have the option of pursuing a Research or Professional Track. The research track prepares students for further graduate studies or for careers in media research. In addition, the wealth of theoretical courses in this track is an asset to any student interested in communication theory or practice.

The Print and Broadcast options of the Professional Track take an integrated approach to the study of media criticism and media writing and production.

For more information on these tracks and options, please see the IAS Web site.

*Statistics requirement may be met with an approved lower-division course or with an upper-division statistics class at UWT. See an adviser for details.

Concentration graduation requirements

Students must complete a total of 90 upper-division credits (a maximum of 15 transferable lower-division credits may be counted to fulfill electives) as follows:

■ Communication Foundation courses (15 credits)

TQS 310 Statistics With Applications*

One of the following writing courses:

TBGEN 311 A Writer's Workshop

TCXG 372 Writing Effectively

TCXG 374 Argument and Research in Writing

One of the following theory and methods courses:

TCOM 353 Critical Approaches to Mass Communication

TCOM 444 Gender, Ethnicity, Class and the Media

■ Communication Core courses (20 credits)

TCOM 353 Critical Approaches to Mass Communication

TCOM 354 Communication History

TCOM 430 Global Networks, Local Identities

TCOM 444 Gender, Ethnicity, Class and the Media

TCOM 454 Communications Law

TCOM 457 Ethical Issues in Mass Communication

TCOM 458 Children and Television

TCOM 460 Communication and National Development

TCOM 461 Media and Identity in Asia

TCOM 480 Political Economy of the Media

TCOM 481 Communication Regulation and Policy

TCSIIN 441 Mexican Cinema and Society

TCXG 483 Film Directors

TCXIN 372 Film Studies

TCXIN 386 Silent Cinema

TCXIN 481 Film Theory and Criticism

TCXIN 486 Feminist Perspectives in Film and Literature

TCXUS 485 Media Genres

TIBCIN 450 Contemporary Theories of Culture: Advertising

TIBCUS 451 Cultural Studies: Post 9/11

■ Professional Track Core (5 credits)

TCOM 375 Writing, Reporting and Editing for the Mass Media

■ Professional Track courses (15 credits)

TBGEN 316 Persuasive Communication

TBUS 310 Effective Managerial Communications

TCOM 347 Television Criticism and Application

TCOM 348 Writing for Television

TCOM 349 News Writing

TCOM 351 Video Production

TCOM 387 Writing for Public Relations

TCOM 482 Investigative Reporting

TCOM 486 Feature Writing for Print Media

TCXG 482 Editing a Literary Arts Magazine

TCXG 484 Writing Creative Nonfiction

■ Research Track Core (10 credits) from either the Communication Core courses or the following list:

TCSIG 348 Film and Human Values

TCXIN 376 Hispanic Film

TCXIN 474 Russian History and Soviet Film

TCXIN 484 French Cinema

TIBCIN 457 Film and Politics

■ Research Track courses (10 credits)

TCSIIN 342 Third World Cities

TCSIIN 437 Technology in the Modern World

TCSIUS 342 African-American History: From the Jim Crow Era to Martin Luther King Jr.

TCSIUS 345 Women and Work in the United States

TCSIUS 347 History of Women in the United States

TCSIUS 441 Black Freedom Movement in Perspective

TCSIUS 450 Black Labor

TCSIUS 452 Minorities and the Law

TCXIN 461 Contemporary Mexican Culture

TCXIN 462 Women in Latin America

TCXIN 463 Contemporary Cuban Culture

TCXIN 464 Arts, Culture and History of Mexico

TCXIN 476 Latin American Women Writers

TCXUS 338 Hispanics in the United States

TCXUS 371 History of Rock 'n' Roll

TCXUS 374 American Literary Movements, Genres and Historical Periods

TCXUS 377 American Poetry

TCXUS 378 Studies in Selected American Writers

TCXUS 384 African-American Women's Literature

TCXUS 385 African-American Literature from Slavery to the Present

TCXUS 471 History of Jazz

TCXUS 477 Nature and the Environment in American Literature

TCXUS 478 Literature of the Harlem Renaissance

TCXUS 479 Contemporary Native American Women's Literature

TIBCG 361 Ethics in Society

TIBCG 453 Health, Illness and Culture

TIBCG 454 Seminar on Health and Culture

TIBCIN 350 Ancient Literature of Western Civilization

TIBCIN 351 Modern Literature of Western Civilization

TIBCIN 353 Medieval and Renaissance Literature of Western Civilization

TIBCIN 450 Contemporary Theories of Culture: Postcolonial Studies

TIBCIN 451 Renaissance Europe

TIBCIN 456 Postcolonial Studies: African Perspective

TIBCIN 462 African Folklore and Literature

TIBCUS 365 North American Indian Traditions

TIBCUS 459 African-American Culture and Consciousness

TIBCUS 464 Native American Cultural Areas

TIBCUS 466 Life and Thought: Martin Luther King Jr., Malcolm X and Angela Davis

TPSYCH 312 Child and Adolescent Abnormal Psychology

TPSYCH 400 Psychology of Women

TPSYCH 401 Family Violence

TPSYCH 403 Psychology of Black Women

TPSYCH 404 Psychology of Food, Ritual and Culture

TPSYCH 405 Body Image and the Psychology of Personal Appearance

TPSYCH 410 Existential Psychology

TPSYCH 411 Psychology and the Arts

TSMG 313 Theories of Economic Development and Social Change

TSMG 420 Women in the Global Economy

TSMG 424 International Business and Development

TSMG 425 Labor and Politics in Comparative Perspective

TSMIN 311 International Human Rights

TSMIN 315 Europe in the 20th Century

TSMIN 328 Third World Problems and Prospects

TSMIN 418 Interpreting Enigmatic India

TSMIN 425 Contemporary Issues in International Political Economy

TSMUS 410 Early American Politics and Law

■ Project (for Professional Track) or Thesis (for Research Track) (5 credits)

■ Natural World course (TESC prefix) (5 credits)

■ 25 credits of upper-division electives (a maximum of 15 transferable lower-division credits may be counted to fulfill electives).

See the Communication Web site for the most current concentration options at www.tacoma.washington.edu/ias/academics/ba/communication_professional.cfm or www.tacoma.washington.edu/ias/academics/ba/communication_research.cfm.

Environmental Studies

For information on the Bachelor of Science degree in Environmental Science, please see page 62.

The Environmental Studies concentration offers students a strong background in environmental science complemented by a range of non-science courses. Starting with a core of courses in the earth and life sciences, it branches out to examine legal, economic, literary, historical and philosophical perspectives on the environment. The focus is inherently interdisciplinary and addresses both global and local issues. Collectively, environmental studies courses explore

*Computer literacy 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.

how scientific information gets translated by political and cultural arenas into social, spiritual and technological responses to environmental problems. Graduates in environmental studies can go on to pursue careers in education, policy and other fields that mesh natural and social sciences and humanities.

Prerequisites

- IAS admission requirements
- 10 credits of college biology (majors course with lab)
- 10 credits of college chemistry (majors course with lab)
- 5 credits of earth science (geology, oceanography or meteorology)
- 5 credits of statistics (may be taken at UWT)
- Computer literacy

A minimum grade of 2.0 is required for each prerequisite course. Prerequisites must have been completed within the last five years. If they were completed earlier, please consult an IAS adviser. See an admissions or IAS adviser, or the IAS Web site for specific courses at area community colleges that fulfill these prerequisites.

Concentration graduation requirements

Students must complete 90 upper-division credits (a maximum of 15 transferable lower-division credits may be counted to fulfill electives) as follows:

- Five environmental science courses (not including TESC 300) with a minimum of one course in Biological Science (B) and one course in Physical Science (P). Of these five courses at least one must be a lab (L) course and one must be a field (F) course.

TESC 304	Tropical Ecology and Sustainability (B)
TESC 311	Maps and GIS (P/L)
TESC 313	Physical Forces in the Natural World (P)
TESC 315	Applied Physics with Environmental Applications (P/L)
TESC 317	Geohazards and Natural Disasters (P)
TESC 318	Biogeography (P/B)
TESC 319	Water Quality Concepts & Watershed Studies (if 6 cr, L) (P/L)
TESC 321	Soils and Environmental Applications (P)
TESC 327	Earth History (P)
TESC 329	Geomorphology and Soils (P)
TESC 332	Issues in Biological Conservation (B)
TESC 333	Environmental Chemistry (P/L)
TESC 336	Plants and People (B)
TESC 337	Environmental Geology (P/L)
TESC 338	Human Interactions with Marine Invertebrates (B)
TESC 339	Energy and the Environment (P)

TESC 340	Ecology and its Applications (B/L)
TESC 341	Oceanography (P/L)
TESC 343	The Atmosphere and Air Pollution (P/L)
TESC 345	Pollution and Public Policy (P)
TESC 347	Maritime History and Science of the Pacific Northwest (P)
TESC 349	Research at SEA (P/B/F)
TESC 362	Introduction to Restoration Ecology (B/F)
TESC 402	History and Ecology of Biological Invasions (B)
TESC 408	Marine Plankton (B/L)
TESC 417	Field Geology (P/L)
TESC 422	Evolution (B/L)
TESC 431	Water Resources and Pollution (P/F)
TESC 433	Pollutant Fate and Transport in the Environment (P/L)
TESC 434	Biology, History and Politics of the Salmon in the PNW (B/L)
TESC 435	Limnology (P/F)
TESC 438	Environmental Biology: Marine Invertebrates (B/L)
TESC 440	Environmental Entomology (B/L)
TESC 442	Marine Ecology (B/F)
TESC 452	Plants, Insects and their Interactions (B/F)
TESC 462	Restoration Ecology Capstone: Introduction (B)
TESC 463	Restoration Ecology Capstone: Proposal and Plan (B)
TESC 464	Restoration Ecology Capstone: Restoration Project Implementation (B) <i>(If all three "Restoration Ecology Capstone" courses are taken, then it counts as a Field course) Off campus field study will be accepted subject to prior approval</i>
■	One Environmental Law/Policy Course
TCSIUS 438	Environmental Law
TEST 333	Environmental Policy Application and Compliance
■	One Environmental Ethics Course
TIBCG 363	Philosophical Perspectives on the Environment
TIBCG 456	Environmental Ethics
■	One Social Science Course/Environmental Focus
TCOM 351	Video Production
TCOM 470	Documentary Production and Critique
TCSIG 436	North American Regions
TCSIG 445	The Metropolis
TCSIIN 342	Third World Cities
TCSIIN 435	Popular Movements in Latin America
TCSIIN 436	Rural Societies and Development
TCSIIN 437	Technology in the Modern World
TCSIIN 438	Urbanization and the Environment
TCSIUS 431	Community Organizations in the Nonprofit Sector
TCSIUS 443	Ethnicity and the Urban Landscape
TCSIUS 445	History of Tacoma

TCSIUS 451	Essentials of Grant Writing and Fundraising
TCSS 401	Technology in Service of Global Society
TESC 304	Tropical Ecology and Sustainability
TESC 317	Geohazards and Natural Disasters
TESC 318	Biogeography
TEST 331	Environmental History
TEST 332	History of Garbage
TEST 403	Geography of the USA and Canada
THLTH 410	Environmental Justice
THLTH 472	Human Health and the Environment
TIBCG 440	Medieval Technology
TIBCUS 464	Native American Cultural Areas
TSMIN 326	Modern Brazil
TSMIN 418	Interpreting Enigmatic India
TSMIN 435	Contemporary Geopolitics
TSMUS 325	Economics as a Way of Thinking
TSMUS 421	Economics and the Environment
TURB 301	The Urban Condition
TURB 310	Urban Society and Culture
TURB 312	Race and Poverty in Urban America
TURB 320	Introduction to Urban Planning
TURB 321	History of Planning, Theory and Practice
TURB 322	Land Use Planning
TURB 330	City Worlds
TURB 405	Images of the City
TURB 410	Environmental Justice
TURB 415	Urban Government and Organizations
TURB 450	Sustainable Development
■	One Humanities Course/Environmental Focus
TCSIG 451	The Enlightenment
TCSIIN 335	Religion in the Modern World
TCXG 372	Writing Effectively
TCXG 374	Argument in Research and Writing
TCXG 379	Modern Architecture
TCXG 402	Eco-Art: Art in Response to Environmental Crisis
TCXIN 383	Society, Self & Worldview in Arts of the Pacific
TCXUS 376	American Architecture
TCXUS 477	Nature and Environment in American Literature
TCXUS 479	Contemporary Native American Women's Literature
TIBCG 353	The End of the Modern World, 1600-2000
TIBCG 361	Ethics in Contemporary Society
TIBCG 362	The Beautiful and the Good: Philosophy's Quest for Value
TIBCG 363	Philosophy Perspectives on the Environment
TIBCG 455	Medicine and Morality: Biomedical Ethics
TIBCIN 367	East Asian Religions: Zen and Taoism
TIBCIN 463	God: East and West
TIBCUS 464	Native American Cultural Areas
TSMG 367	Utopias

- Additional courses from above lists (science, social science, or humanities)
- Additional upper-division electives to complete a total of 90 credits (a maximum of 15 transferable lower-division credits may be counted to fulfill electives).

See the Environmental Studies Web site for the most current concentration options at www.tacoma.washington.edu/ias/academics/ba/environmental_studies.cfm.

Ethnic, Gender and Labor Studies

Class, ethnicity and gender are among the key categories of socially structured identities. This concentration examines these and similarly formed categories, such as nationality, religion and citizenship in relation to the ways communities form and are transformed. What are the sources of wealth and poverty, of racial and ethnic conflict, of gender differences? This concentration examines such questions, explores the historical roots of various communities, and analyzes movements for social change and group empowerment. Students may pursue careers in a range of public and private service organizations, the corporate world, unions and community organizations. This concentration provides preparation for graduate study in law, social work, education, public administration and urban policy, history, sociology, political science and anthropology.

Concentration graduation requirements

Students must complete 90 upper-division credits (a maximum of 15 transferable lower-division credits may be counted to fulfill electives) as follows:

- 5 credits – one course that emphasizes the intersection of ethnicity, gender and labor in the United States or globally from List A:
 - TCSIIN 436 Rural Societies and Development
 - TCXUS 482 American Folklore: Biographies in Race, Ethnicity and Gender
 - TIBCIN 450 Contemporary Theories of Culture
 - TSMUS 300 The Making of America
- 5 credits – one course that has labor, work or social class as a central focus from List B:
 - TCOM 444 Gender, Ethnicity, Class and the Media
 - TCSIUS 345 Women and Work in the United States
 - TCSIUS 450 Black Labor
 - TCSIUS 456 Community and Labor Organizing: A Multicultural Perspective
 - TIBCIN 450 Contemporary Theories of Culture: Postcolonial Studies

- TSMG 420 Women in the Global Economy
- TSMIN 314 Twentieth Century Revolutions
- TSMIN 328 Third World Problems and Prospects
- TSMIN 329 Making of Modern Africa
- TSMIN 414 Modern China
- TSMIN 437 Conflict Resolution Practicum
- TSMUS 322 American Labor Since the Civil War

- 5 credits – one course that has gender as a central focus from List C:

- TCOM 444 Gender, Ethnicity, Class and the Media
- TCSIIN 434 Women's Voices: Third World Testimonials
- TCSIUS 345 Women and Work in the United States
- TCSIUS 347 History of Women in the United States
- TCXIN 462 Women in Latin America
- TCXIN 476 Latin American Women Writers
- TCXIN 486 Feminist Perspectives in Film and Literature
- TCXUS 382 Cross-Cultural Studies in Women's Literature
- TCXUS 384 African-American Women's Literature
- TCXUS 476 American Women's Literature: 19th and 20th Century Texts
- TCXUS 479 Contemporary Native American Women's Literature
- TPSYCH 400 Psychology of Women
- TPSYCH 402 Human Sexuality
- TPSYCH 403 Psychology of Black Women
- TSMG 420 Women in the Global Economy

- 5 credits – one course that has race and ethnicity as a central focus from List D:

- TCOM 444 Gender, Ethnicity, Class and the Media
- TCSIG 445 The Metropolis: Chicago
- TCSIIN 441 Mexican Cinema and Society
- TCSIUS 342 African-American History: From the Jim Crow Era to Martin Luther King Jr.
- TCSIUS 349 Minorities and Higher Education in the United States
- TCSIUS 441 Black Freedom Movement in Perspective
- TCSIUS 443 Ethnicity and the Urban Environment
- TCSIUS 452 Minorities and the Law
- TCXIN 476 Latin American Women Writers
- TCXUS 338 Hispanics in the United States
- TCXUS 384 African-American Women's Literature
- TCXUS 385 African-American Literature from Slavery to the Present
- TCXUS 478 Literature of the Harlem Renaissance
- TCXUS 479 Contemporary Native American Women's Literature
- TIBCIN 354 History of the Concept of Culture
- TIBCIN 456 Postcolonial Studies: African Perspective

- TIBCIN 462 African Folklore and Literature
- TIBCUS 365 North American Indian Traditions
- TIBCUS 459 African-American Culture and Consciousness
- TIBCUS 460 African-American Religious History
- TIBCUS 464 Native American Cultural Areas
- TIBCUS 465 African-American History 1945-Present
- TIBCUS 466 Life and Thought: Martin Luther King Jr., Malcolm X and Angela Davis
- TPSYCH 403 Psychology of Black Women
- TSMIN 329 The Making of Modern Africa

- 30 credits from List E:

At least 15 credits must be General (prefixes ending with G) or International (prefixes ending with IN)

- TCOM 430 Global Networks, Local Identities
- TCOM 444 Gender, Ethnicity, Class and the Media
- TCOM 457 Ethical Issues in Mass Communication
- TCOM 461 Media and Identity in Asia
- TCSIIN 342 Third World Cities
- TCSIIN 435 Popular Movements in Latin America
- TCSIIN 436 Rural Societies and Development
- TCSIUS 345 Women and Work in the United States
- TCSIUS 437 Doing Community History
- TCSIUS 441 Black Freedom Movement in Perspective
- TCSIUS 443 Ethnicity and the Urban Landscape
- TCSIUS 447 AIDS and American Society
- TCSIUS 452 Minorities and the Law
- TCXG 301 Intensive Spanish: Reading Skills
- TCXG 302 Intensive Spanish: Conversational Skills
- TCXG 303 Intensive Spanish: Practical Writing Skills
- TCXIN 382 Society, Self and Worldview in Arts of China
- TCXIN 384 Society, Self and Worldview in Arts of Japan
- TCXIN 486 Feminist Perspectives in Film and Literature
- TCXUS 338 Hispanics in the United States
- TIBCG 452 Anti-Semitism and the Holocaust
- TIBCIN 354 History of the Concept of Culture
- TIBCIN 355 The Mind of Modernity
- TIBCIN 366 Islam
- TIBCIN 450 Contemporary Theories of Culture: Postcolonial Studies
- TIBCIN 456 Postcolonial Studies: African Perspectives
- TIBCIN 466 Modernity and Its Critics
- TIBCUS 451 Cultural Studies
- TIBCUS 461 History of Religion in America
- TIBCUS 464 Native American Cultural Areas

TIBCUS 466	Life and Thought: Martin Luther King Jr., Malcolm X and Angela Davis
TNURS 407	Diversity: Issues of Exclusion and Inclusion
TNURS 497	Women's Lives, Women's Health
TPSYCH 401	Family Violence
TPSYCH 402	Human Sexuality
TSMG 420	Women in the Global Economy
TSMIN 314	Twentieth Century Revolutions
TSMIN 323	The Making of Mexico
TSMIN 329	The Making of Modern Africa
TSMIN 412	Vietnam
TSMIN 413	Pre-modern Japan
TSMIN 414	Modern China
TSMIN 415	Modern Japan
TSMIN 416	Modern Korea
TSMIN 418	Interpreting Enigmatic India
TSMIN 420	Theories of Political Violence
TSMIN 424	Imperial China
TSMIN 434	Pacific War
TSMIN 435	Contemporary Geopolitics
TURB 301	The Urban Condition
TURB 310	Urban Society and Culture

- 10 credits – 5 credits (one course) from each of the interdisciplinary areas below:

- Culture and Ideas courses (TCX and TIBC prefixes) if not fulfilled in the above distribution.
- Natural World courses (TESC prefix)

- 30 credits of upper-division electives (a maximum of 15 transferable lower-division credits may be counted to fulfill electives).

See the Ethnic, Gender and Labor Studies Web site for the most current concentration options at www.tacoma.washington.edu/ias/academics/ba/ethnic_gender_labor_studies.cfm.

General Studies

The requirements for completing a General Studies concentration are flexible enough to allow students to chart their own courses through the program and to focus on areas that are most pertinent to their needs and interests. Students are encouraged to develop their own areas of focus through the selection of coursework in collaboration with a faculty adviser. This concentration allows students to maximize the potential of interdisciplinary studies, gaining the skills they need to function successfully in a rapidly changing society and world. General Studies students pursue careers in a wide range of areas, including government, business, nonprofit management, journalism, education, and law. Many students planning to earn a post-baccalaureate certificate in elementary education choose this concentration because its flexibility allows them to gain a broad base of knowledge essential to successful

elementary teaching. Depending on the focus they choose, General Studies students may pursue graduate studies in a range of disciplines.

Concentration graduation requirements

Students must complete a total of 90 upper-division credits (a maximum of 15 transferable lower-division credits may be counted to fulfill electives). The General Studies concentration consists of 60 credits as follows:

- 10 credits — two core courses
 - TSMUS 300 The Making of America
 - TSMIN 300 International Interactions
- 20 credits of United States (US) or General (G or TPSYCH) course offerings
- 20 credits of International (IN) or General (G or TPSYCH) course offerings
- 10 credits of Environmental (TEST, TESC or TQS) courses. In addition, a select list of other possible options is available. The list includes, but may not be limited to, the following courses:

TCSIIN 438	Urbanization and the Environment
TCSIUS 438	Environmental Law
TCXUS 477	Nature and the Environment in American Literature
THLTH 410	Environmental Equity
TIBCG 437	Technology in the Modern World
TIBCG 440	Medieval Technology
TIBCG 456	Environmental Ethics
TIBCUS 451	Cultural Studies: Gender, History and the History of Science
TSMUS 421	Economics and the Environment
TURB 320	Introduction to Urban Planning
TURB 321	History of Planning, Theory and Practice
TURB 322	Land-Use Planning
TURB 330	City Worlds
TURB 410	Environmental Equity
TURB 450	Sustainable Development

- Of the courses listed above, at least 10 credits must be taken from each of the following interdisciplinary areas:

- Culture and Ideas courses (TCX and TIBC prefixes)
- Society and the Individual courses (TSM and TCSI prefixes)

- 30 credits of upper-division electives (a maximum of 15 transferable lower-division credits may be counted to fulfill electives).

See the General Studies Web site for the most current concentration options at www.tacoma.washington.edu/ias/academics/ba/general_studies.cfm.

Neither TSMIN 300 nor TSMUS 300 may count for more than one distribution.

Global Studies

Students in the Global Studies concentration examine a variety of subjects and themes in an international context, including historical, cultural, artistic, political and economic patterns among and within nations. Students may choose to focus their studies on one or more world regions or specific themes. Students of Global Studies pursue careers in government, business, nonprofit management, the media, education and international law. Depending on the focus students choose, they may pursue graduate studies in area studies or related disciplines.

Concentration graduation requirements

Students must complete a total of 90 upper-division credits (a maximum of 15 transferable lower-division credits may be counted to fulfill electives) as follows:

- 5 credits: TSMIN 300 International Interactions

- 10 credits or equivalent to demonstrate foreign language competency

10 credits of upper-division foreign language including any two of three UWT Spanish courses:

TCXG 301	Intensive Spanish: Reading Skills
TCXG 302	Intensive Spanish: Conversational Skills
TCXG 303	Intensive Spanish: Practical Writing Skills

OR

Two years of lower-division foreign language in a Western-European language

OR

One year of an Asian, Slavic, or non-Western language

Note: Non-native English speakers are exempt from this requirement; a student is considered a "native speaker" of a foreign 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.

- 40 credits of International (IN) courses. TCXG 301-303 may also be counted here if not used to meet the foreign language requirement above.

Note: Students may choose tracks in Asia and the Pacific, the Hispanic World, or European studies by taking 30 of the above 40 credits in courses that emphasize one of these three geographical/cultural categories. Students may also choose a general global studies track.

- 5 credits of Natural World (TESC) courses

■ 30-40 credits of upper-division electives (a maximum of 15 transferable lower-division credits may be counted to fulfill electives). Must include 5 credits in each of the three interdisciplinary areas if not fulfilled in the above distribution:

- Culture and Ideas courses (TCX and TIBC prefixes)
- Society and the Individual courses (TSM and TCSI prefixes)

TSMIN 300 cannot be counted as fulfilling the Society and the Individual requirement.

See the Global Studies Web site for the most current concentration options at www.tacoma.washington.edu/ias/academics/ba/global_studies.cfm.

Individually-Designed Concentration

This concentration is an individually-designed option for students who wish to create a program of study by combining selected courses from a range of possibilities within IAS and, potentially, from other undergraduate programs at UWT. Students are required to identify a central organizing theme for their concentration and design it under the guidance and supervision of an IAS faculty member and an IAS adviser. Graduates in this concentration pursue careers in a wide variety of areas such as business, government, the nonprofit world, health care and education where skills in research and critical thinking, as well as written and oral communication are prized. Students also pursue graduate study leading to careers in teaching, administration, social work and the law.

Concentration graduation requirements

Students must complete a total of 90 upper-division credits (a maximum of 15 transferable lower-division credits may be counted to fulfill electives). The Individually-Designed Concentration consists of 55 credits. At least five credits of Senior Thesis must be included. Of the 90 credits total, at least 5 credits must be taken from each of the following interdisciplinary areas:

- Culture and Ideas courses (TCX and TIBC prefixes)
- Society and the Individual courses (TSM, TPSYCH and TCSI prefixes)
- Natural World courses (TESC prefix)

In order to design their concentrations, students must do the following:

1. Identify the unifying interdisciplinary theme of the plan of study.

2. Make a list of the courses taken or planned. This list should comprise 55 credits, all of which are related to the area of concentration.
3. Draft a statement that describes the proposed concentration and discusses the interrelationships among the courses chosen. Propose a brief, descriptive title for the concentration.
4. Submit the proposal to the Individually-Designed Concentration Committee for its approval at least three quarters prior to graduation.
5. Identify at least two faculty sponsors for the concentration. The faculty sponsors attest to the intellectual soundness of the proposal and agree to provide whatever guidance they and the student may jointly decide is needed. They may also suggest changes in the previously approved written proposal or list of courses.
6. Obtain final approval from an Individually-Designed Concentration adviser.

See the Individually-Designed concentration Web site for the most current concentration options at www.tacoma.washington.edu/ias/academics/ba/individually_designed.cfm.

Political Economy

The Political Economy concentration provides a solid foundation for understanding how economics and politics shape everyday lives and how we may shape them. Particular emphasis is placed on analytical and critical thinking skills. The concentration exposes students to how and why markets, businesses and government work, and how institutions, politics, technologies and social structures interact with the functioning of markets. Students also analyze economic problems in the United States and overseas and identify policies addressing these problems.

Concentration graduation requirements

Students must complete a total of 90 upper-division credits (a maximum of 15 transferable lower-division credits may be counted to fulfill electives) as follows:

- 15 credits of Foundational courses

TBGEN 480	International Business
TFIN 428	Financial Markets and Institutions
TQS 314	Analytical Thinking
TSMG 312	Understanding the Real Economy
TSMIN 300	International Interactions
TSMUS 325	Economics as a Way of Thinking

- 40 credits from the following list:

TCOM 430	Global Networks, Local Identities
TCOM 457	Ethical Issues in Mass Communication
TCOM 460	Communication and National Development
TCOM 480	Political Economy of the Media
TCOM 481	Communication Regulation and Policy
TCSIG 436	North American Regions: The Frontier
TCSIG 452	Political Theory of Human Rights
TCSIUS 335	Social Class and Inequality
TCSIUS 340	History of United States-American Indian Relations
TFIN 423	Economic Theory for Financial Markets
TFIN 424	Managerial Economics
TIBCG 361	Ethics in Society
TIBCG 450	Contemporary Theories of Culture
TIBCG 451	Cultural Studies
TIBCG 452	Anti-Semitism and the Holocaust
TIBCUS 360	American Political Theory
TQS 311	Calculus and Its Practical Applications
TSMG 313	Theories of Economic Development and Social Change
TSMG 367	Utopias
TSMG 420	Women in the Global Economy
TSMG 422	Political Economy of Technological Change
TSMG 424	International Business and Development
TSMG 426	Nature of Money
TSMIN 310	Modern European Political Theory
TSMIN 311	International Human Rights
TSMIN 312	19th Century Revolutions and Revolutionaries
TSMIN 314	20th Century Revolutions
TSMIN 324	Modern Latin America
TSMIN 418	Interpreting Enigmatic India
TSMIN 419	The Robber Barons and The Philosophy of Business
TSMIN 420	Theories of Political Violence
TSMIN 425	Contemporary Issues in International Political Economy
TSMIN 426	The Political Economy of European Integration
TSMIN 432	Drugs, Mafias and the Arms Trade in Europe
TSMIN 433	Exploring Nazism
TSMIN 435	Contemporary Geopolitics
TSMUS 300	Making of America
TSMUS 410	Early American Politics, Constitution and Law
TSMUS 416	Current Issues in U.S. Public Policy
TSMUS 420	Economics of Education
TSMUS 421	Economics and the Environment
TSMUS 422	The Economics of Sports
TSMUS 467	U.S. History 1945-Present
TURB 321	History of Planning Theory and Politics
TURB 330	City Worlds
TURB 415	Urban Government and Organizations

*These courses may be used to fulfill either a concentration context requirement or a concentration area requirement

- 5 credits Natural World courses (TESC prefix)
- 5 credits of Culture and Ideas courses (TCX and TIBC prefixes)
- 25 credits of upper-division electives (a maximum of 15 transferable lower-division credits may be counted to fulfill electives).

See the Political Economy Web site for the most current concentration options at www.tacoma.washington.edu/ias/academics/ba/political_economy.cfm.

Politics and Values

The study of political and social change provides a basic foundation for the active citizen in the 21st century. Drawing on the disciplines of political science, philosophy, sociology, history, economics, cultural studies and policy studies, this concentration examines political processes by emphasizing the role of values and social movements. This concentration prepares graduates to pursue careers or further study in government, law, planning, nonprofit and community work, international non-governmental organizations, social activism, journalism, business, teaching and other fields of endeavor.

Concentration graduation requirements

Students must complete a total of 90 upper-division credits (a maximum of 15 transferable lower-division credits may be counted to fulfill electives) as follows:

- Two general context courses (10 credits):
 - TIBCUS 360 American Political Theory*
 - TSMIN 300 International Interactions*
 - TSMIN 310 Modern European Political Theory*
 - TSMUS 300 Making of America*
 - TSMUS 325 Economics as a Way of Thinking*
- One Values course (5 credits):
 - TCSIG 451 The Enlightenment
 - TCSIG 452 Political Theory of Human Rights
 - TIBCG 353 The End of the Modern World (1600-2000)*
 - TIBCG 361 Ethics in Society*
 - TIBCG 362 The Beautiful and the Good: Philosophy's Quest for Value
 - TIBCG 363 Philosophical Perspectives on the Environment*
 - TIBCG 456 Environmental Ethics*
 - TIBCIN 355 The Mind of Modernity*
 - TIBCIN 367 Zen and Taoism
 - TIBCIN 461 Religion and Church in Latin America
 - TIBCUS 365 North American Indian Traditions
- Two Social Change courses (10 credits):
 - TCOM 454 Communications Law
 - TCOM 480 Political Economy of the Media
 - TCOM 481 Communication Regulation and Policy
 - TCSIIN 435 Popular Movements in Latin America
 - TCSIUS 342 African-American History: From Jim Crow to Martin Luther King Jr.
 - TCSIUS 431 Community Organizations and the Nonprofit Sector
 - TCSIUS 434 Women, Race and Class: Identity and Intergroup Relations
 - TCSIUS 441 Black Freedom Movement in Perspective
 - TIBCUS 465 African-American History 1945-Present
 - TIBCUS 466 Life and Thought: Martin Luther King Jr., Malcolm X and Angela Davis
 - TSMIN 311 International Human Rights
 - TSMIN 312 19th Century Revolutions and Revolutionaries
 - TSMIN 314 20th Century Revolutions
- One Natural World and Society course (5 credits):
 - TESC 300 Introduction to Environmental Science
 - TESC 332 Issues in Biological Conservation
 - TESC 336 Plants and People: The Science of Agriculture
 - TESC 339 Energy and the Environment
 - TESC 345 Pollution and Public Policy
 - TESC 347 Maritime History and Science of the Pacific Northwest
- Four Social Science courses (20 credits) (at least one G, one US and one IN)
 - TCOM 354 Communication History
 - TCOM 430 Global Networks, Local Identities
 - TCOM 454 Communications Law
 - TCOM 480 Political Economy of the Media
 - TCOM 481 Communication Regulation and Policy
 - TCSIG 330 Inquiry and Research in the Social Sciences
 - TCSIG 451 The Enlightenment
 - TCSIG 452 Political Theory of Human Rights
 - TCSIIN 335 Religion in the Modern World
 - TCSIIN 342 Third World Cities
 - TCSIUS 342 African-American History: From the Jim Crow Era to Martin Luther King Jr.
 - TCSIUS 345 Women and Work in the United States
 - TCSIUS 347 History of Women in the United States
 - TCSIUS 428 Labor, Race, Gender and Poverty: Research and Readings
 - TCSIUS 438 Environmental Law
 - TCSIUS 447 AIDS and American Society
 - TCSIUS 450 Black Labor
 - TCSIUS 452 Minorities and the Law
- TCSIUS 456 Labor and Community Organizing
- TEST 333 Environmental Policy Application and Compliance
- TIBCG 437 Technology in the Modern World
- TIBCG 440 Medieval Technology
- TIBCG 452 Anti-Semitism and the Holocaust
- TIBCIN 451 Renaissance Europe
- TIBCUS 360 American Political Theory*
- TIBCUS 430 Introduction to Public History
- TSMG 312 Understanding the Real Economy
- TSMG 313 Theories of Economic Development and Social Change
- TSMG 367 Utopias
- TSMG 420 Women in the Global Economy
- TSMG 422 Political Economy of Technological Change
- TSMG 424 International Business and Development
- TSMG 425 Labor and Politics in Comparative Perspective
- TSMIN 300 International Interactions*
- TSMIN 310 Modern European Political Theory*
- TSMIN 311 International Human Rights
- TSMIN 324 Modern Latin America
- TSMIN 418 Interpreting Enigmatic India
- TSMIN 420 Theories of Political Violence
- TSMIN 425 Contemporary Issues in International Political Economy: Capitalist Crisis
- TSMIN 431 The Political Economy of European Integration
- TSMIN 433 Exploring Nazism
- TSMIN 435 Contemporary Geopolitics
- TSMIN 457 Conflict Resolution Practicum
- TSMUS 300 Making of America*
- TSMUS 322 American Labor Since the Civil War
- TSMUS 325 Economics as a Way of Thinking
- TSMUS 410 Early American Politics and Law
- TSMUS 416 Current Issues in Public Policy
- TSMUS 420 Economics of Education
- TSMUS 421 Economics and the Environment
- TSMUS 467 United States History 1945-Present
- Two Humanities courses (10 credits):
 - TCOM 353 Critical Approaches to Mass Communication
 - TCOM 457 Ethical Issues in Mass Communication*
 - TCXG 301 Intensive Spanish: Reading Skills
 - TCXG 302 Intensive Spanish: Conversational Skills
 - TCXG 303 Intensive Spanish: Practical Writing Skills
 - TCXG 330 Western Arts and Culture in Context
 - TCXG 372 Writing Effectively
 - TCXG 374 Argument and Research in Writing (when linked with TSMIN 311)

*These courses may be used to fulfill either a concentration **context** requirement or a concentration **area** requirement

TCXG 377 Art of the Americas
 TCXG 380 Humanities Research and Writing Seminar
 TCXG 470 The Material World: Art and Artifacts
 TCXIN 376 Hispanic Film
 TCXIN 381 Society, Self and Worldview in the Arts of India
 TCXIN 382 Society, Self and Worldview in the Arts of China
 TCXIN 383 Society, Self and Worldview in the Arts of Japan
 TCXIN 384 Society, Self and Worldview in the Arts of the Pacific
 TCXIN 461 Contemporary Mexican Culture
 TCXIN 463 Contemporary Cuban Culture
 TCXIN 474 Russian History and Soviet Film
 TCXIN 476 Latin American Women Writers
 TCXIN 477 Patronage, Religion and Propaganda in European Art (1590-1750)
 TCXIN 478 Revolution, Industrialization and Modernity in European Art (1780-1900)
 TCXIN 479 Modern European Art
 TCXUS 338 Hispanics in the United States
 TCXUS 374 American Literary Movements, Genres and Historical Periods
 TCXUS 383 Early American Music, Art, Literature and Theater
 TCXUS 384 African-American Women's Literature
 TCXUS 385 African-American Literature from Slavery to the Present
 TCXUS 476 American Women's Literature: 19th and 20th Century Texts
 TCXUS 477 Nature and Environment in American Literature
 TCXUS 479 Contemporary Native American Women's Literature
 TCXUS 482 American Folklore: Biographies of Race, Ethnicity and Gender
 TIBCG 353 The End of the Modern World (1600-2000)*
 TIBCG 361 Ethics in Society
 TIBCG 363 Philosophical Perspectives on the Environment*
 TIBCG 449 Museum Studies
 TIBCG 452 Anti-Semitism and the Holocaust
 TIBCG 456 Environmental Ethics*
 TIBGIN 350 Ancient Literature of Western Civilization
 TIBGIN 351 Modern Literature of Western Civilization
 TIBGIN 353 Medieval and Renaissance Literature of Western Civilization
 TIBGIN 355 The Mind of Modernity*
 TIBGIN 357 The Greek Mind and Imagination
 TIBGIN 358 History of Philosophy: Medieval and Modern
 TIBGIN 360 History of Philosophy: Modern and Contemporary

TIBGIN 366 Islam
 TIBGIN 450 Contemporary Theories of Culture
 TIBGIN 456 Postcolonial Studies: African Perspectives
 TIBGIN 461 Religion and Church in Latin America
 TIBGIN 466 Modernity and Its Critics
 TIBCUS 451 Cultural Studies: Post-9/11
 TIBCUS 459 African-American Culture and Consciousness
 TIBCUS 460 African-American Religious History

- 30 credits of upper-division electives (a maximum of 15 transferable lower-division credits may be counted to fulfill electives). It is strongly recommended that these electives include one five-credit Cultural Expression course (TCX prefix) if not fulfilled in the above distribution.

See the Politics and Values Web site for the most current concentration options at www.tacoma.washington.edu/ias/academics/ba/politics_values.cfm.

Psychology

Psychology is the scientific study of the psychological, biological and contextual determinants of human behavior. The Psychology curriculum builds on the foundation of the basic understanding of the discipline and integrates advanced instruction in the core concepts and methodologies of the traditional psychology education with applied courses that emphasize the importance of intersections of psychology with different disciplinary approaches to understanding and working with social problems. This concentration places human behavior as well as the study of psychology itself into its social and historical contexts and emphasizes the importance of and respect for human diversity.

Prerequisites

The following prerequisites are necessary for admission to the Psychology concentration:

- IAS admission requirements
- One general or introductory psychology course
- Two psychology foundation courses in any of the following areas: Personality Theories, Developmental Psychology (Lifespan or Child Development), Abnormal Psychology or Social Psychology
- One introductory statistics course

A minimum grade of 2.0 is required for each prerequisite course.

Concentration graduation requirements

Students must complete a total of 90 upper-division credits (a maximum of 15 transferable lower-division credits may be counted to fulfill electives) as follows:

- 5 credits statistics or research methods (*Take statistics if you have no credit for a statistics course. Take TCSIG 330 if you have credit for a statistics course.*)

TQS 310 Statistics
 TCSIG 330 Inquiry and Research in the Social Sciences

- 15 credits of core courses. Must include at least one from Clinical Core and one from Developmental Core.

General Psychology Core:

TPSYCH 300 History and Systems of Psychology
 TPSYCH 301 Transitions: Coping with Change
 TPSYCH 330 Educational Psychology
 TQS 314 Analytic Thinking

Clinical Core:

TPSYCH 310 Abnormal Psychology
 TPSYCH 311 Personality Theories
 TPSYCH 312 Child and Adolescent Abnormal Psychology
 TPSYCH 410 Existential Psychology

Developmental Core:

TPSYCH 320 Theories of Child Development
 TPSYCH 321 Adolescent Psychology
 TPSYCH 322 Adult Development

- 15 credits of Advanced Topics courses

TPSYCH 400 Psychology of Women
 TPSYCH 401 Family Violence
 TPSYCH 402 Human Sexuality
 TPSYCH 403 Psychology of Black Women
 TPSYCH 404 Psychology of Food, Ritual and Culture
 TPSYCH 405 Body Image and the Psychology of Personal Appearance
 TPSYCH 406 Chemical Dependency and Families
 TPSYCH 407 Cultural Context of Developmental Psychology
 TPSYCH 411 Psychology and the Arts
 TPSYCH 412 Women and Health: Power and Inequality

- 25 credits of IAS courses with at least five credits from each of the following interdisciplinary areas:

- Culture and Ideas (TCX and TIBC)
- Society and the Individual (TCSI and TSM)
- Natural World (TESC only)

- 30 credits of upper-division electives (a maximum of 15 transferable lower-division credits may be counted to fulfill electives). No more than 10 additional credits in psychology may count as electives.

See the Psychology Web site for the most current concentration options at www.tacoma.washington.edu/ias/academics/ba/psychology.cfm.

*These courses may be used to fulfill either a concentration context requirement or a concentration area requirement

Self and Society

This concentration combines psychology, sociology, philosophy, literature and the arts in addressing the various ways that people experience their roles in society and how society shapes the individual. In examining social values and exploring such issues as diversity, personal growth and social responsibility, students develop the ability to unravel the complexity of social reality and appreciate the interdependence of all its components. Self and Society prepares students to pursue careers and advanced studies in human services, psychology, social work, counseling, community service, human resource management and health fields.

Concentration graduation requirements

Students must complete a total of 90 upper-division credits (a maximum of 15 transferable lower-division credits may be counted to fulfill electives) as follows:

■ 5 credits in religion or philosophy (List A):

- TCOM 457 Ethical Issues in Mass Communication
- TCSIG 348 Film and Human Values
- TCSIG 451 The Enlightenment
- TCSIIN 335 Religion in the Modern World
- TIBCG 361 Ethics in Society
- TIBCG 362 The Beautiful and the Good: Philosophy's Quest for Value
- TIBCG 455 Medicine and Morality: Issues in Biomedical Ethics
- TIBCG 456 Environmental Ethics
- TIBCIN 354 History of the Concept of Culture
- TIBCIN 355 The Mind of Modernity
- TIBCIN 357 The Greek Mind and Imagination
- TIBCIN 358 History of Philosophy: Medieval to Modern
- TIBCIN 360 History of Philosophy: Modern to Contemporary
- TIBCIN 366 Islam
- TIBCIN 367 East Asian Religions: Zen and Taoism
- TIBCIN 450 Contemporary Theories of Culture
- TIBCIN 451 Renaissance Europe
- TIBCIN 461 Religion and Church in Latin America
- TIBCIN 463 God: East and West
- TIBCIN 466 Modernity and its Critics
- TIBCUS 355 American Modes of Thought and Expression
- TSMG 367 Utopias

■ 5 credits in social issues, race, class or gender (List B):

- TCOM 444 Gender, Ethnicity, Class and the Media
- TCOM 454 Communications Law
- TCOM 457 Ethical Issues in Mass Communication
- TCOM 461 Media and Identity in Asia
- TCOM 480 Political Economy of Mass Media

- TCSIUS 335 Social Class and Inequality
- TCSIUS 342 African-American History: From the Jim Crow Era to Martin Luther King Jr.
- TCSIUS 345 Women and Work in the United States
- TCSIUS 349 Minorities in Higher Education in the United States
- TCSIUS 431 Community Organizations and the Nonprofit Sector
- TCSIUS 434 Women, Race and Class: Identity and Intergroup Relations
- TCSIUS 435 Sociology of Gender
- TCSIUS 438 Environmental Law
- TCSIUS 441 Black Freedom Movement in Perspective
- TCSIUS 443 Ethnicity and the Urban Landscape
- TCSIUS 447 AIDS and American Society
- TCSIUS 450 Black Labor
- TCSIUS 452 Minorities and the Law
- TCXG 483 Film Directors: Women Directors
- TCXIN 376 Hispanic Film
- TCXIN 377 Mexican Literature and the Search for National Identity
- TCXIN 461 Contemporary Mexican Culture
- TCXIN 463 Contemporary Cuban Culture
- TCXIN 486 Feminist Perspective in Film and Literature
- TCXUS 338 Hispanics in the United States
- TCXUS 382 Cross-Cultural Studies in Contemporary Women's Literature
- TCXUS 384 African-American Women's Literature
- TCXUS 385 African-American Literature from Slavery to the Present
- TCXUS 476 American Women's Literature
- TCXUS 477 Nature and Environment in American Literature
- TCXUS 485 Media Genres: Genre and Gender (*this section only*)
- TIBCG 440 Medieval Technology and Urban Life
- TIBCG 452 Anti-Semitism and the Holocaust
- TIBCG 453 Health, Illness and Culture
- TIBCG 454 Seminar on Health and Culture
- TIBCIN 456 Postcolonial Studies: African Perspectives
- TIBCUS 365 North American Indian Traditions
- TIBCUS 451 Cultural Studies
- TIBCUS 459 African-American Culture and Consciousness
- TIBCUS 460 African-American Religious History
- TIBCUS 464 Native American Cultural Areas
- TIBCUS 465 African-American History 1945 to the Present
- TIBCUS 466 Life and Thought: Martin Luther King Jr., Malcolm X and Angela Davis
- TSMIN 311 International Human Rights
- TSMIN 420 Theories of Political Violence
- TURB 314 Gender and the Urban Landscape
- TURB 330 City Worlds

■ 5 credits in psychology (List C):

- TCSIG 330 Inquiry and Research in the Social Sciences
- TPSYCH 300 History and Systems of Psychology
- TPSYCH 301 Psychology of Adjustment
- TPSYCH 310 Abnormal Psychology
- TPSYCH 311 Personality Theories
- TPSYCH 312 Child and Adolescent Abnormal Psychology
- TPSYCH 320 Theories of Child Development
- TPSYCH 321 Adolescent Psychology
- TPSYCH 322 Adult Development
- TPSYCH 330 Educational Psychology
- TPSYCH 400 Psychology of Women
- TPSYCH 401 Family Violence
- TPSYCH 402 Human Sexuality
- TPSYCH 403 Psychology of Black Women
- TPSYCH 404 Psychology of Food, Ritual and Culture
- TPSYCH 405 Body Image and the Psychology of Personal Appearance
- TPSYCH 406 Chemical Dependency and Families
- TPSYCH 407 Cultural Context of Developmental Psychology
- TPSYCH 410 Existential Psychology
- TPSYCH 411 Psychology and the Arts
- TQS 310 Statistics with Applications

■ 5 credits in aesthetics/art or literature (List D):

- TCOM 470 Documentary Production and Critique
- TCSIIN 441 Mexican Cinema and Society
- TCXG 330 Western Arts and Culture in Context
- TCXG 335 History of Photography
- TCXG 336 Glass Arts
- TCXG 340 Landscape in Contemporary Art
- TCXG 341 Writing Popular Fiction
- TCXG 368 The Human Figure in Contemporary Art
- TCXG 369 Shakespeare
- TCXG 371 The World Stage
- TCXG 373 Introduction to Writing Poetry
- TCXG 377 Art of the Americas
- TCXG 380 Humanities Research and Writing Seminar
- TCXG 381 Introduction to Creative Writing: Fiction
- TCXG 382 2-D Design and Contemporary Approaches to Art
- TCXG 383 South Sound Contemporary Art
- TCXG 384 3-D Art and Contemporary Approaches to Sculpture
- TCXG 386 Contemporary Art and Studio Drawing
- TCXG 390 Site Specificity in Art
- TCXG 391 Reconstructing Self in Art
- TCXG 402 Eco-Art: Art in Response to Environmental Crisis
- TCXG 403 Body Image and Art
- TCXG 471 Culture and Meaning in the Visual Arts
- TCXG 483 Film Directors
- TCXG 484 Writing Creative Nonfiction
- TCXIN 372 Film Studies
- TCXIN 376 Hispanic Film

TCXIN 377	Mexican Literature and the Search for National Identity	TCXIN 479	Modern European Art	TCXUS 482	American Folklore: Biographies of Race, Ethnicity and Gender
TCXIN 381	Society, Self and Worldview in the Arts of India	TCXIN 481	Film Theory and Aesthetics	TCXUS 485	Media Genres
TCXIN 382	Society, Self and Worldview in the Arts of China	TCXIN 484	French Cinema	TIBCIN 350	Ancient Literature of Western Civilization
TCXIN 383	Society, Self and Worldview in the Arts of Japan	TCXUS 371	History of Rock and Roll	TIBCIN 351	Modern Literature of Western Civilization
TCXIN 384	Society, Self and Worldview in the Arts of the Pacific	TCXUS 377	American Poetry	TIBCIN 353	Medieval and Renaissance Literature of Western Civilization
TCXIN 386	Silent Cinema	TCXUS 378	Studies in Selected American Writers	TIBCIN 453	Ancient Greek Tragedy
TCXIN 420	Contemporary World Cinema	TCXUS 382	Cross-Cultural Studies in Contemporary Women's Literature	TIBCIN 455	Medieval Quests
TCXIN 464	Arts, Cultures and History of Mexico	TCXUS 383	Early American Music, Art, Literature, Education and Theater	TIBCIN 462	African Folklore and Literature
TCXIN 474	Russian History and Soviet Film	TCXUS 384	African-American Women's Literature		
TCXIN 476	Latin American Women Writers	TCXUS 385	African-American Literature from Slavery to the Present	■	30 additional credits from Lists A - D
TCXIN 477	Patronage, Religion and Propaganda in European Art (1590-1750)	TCXUS 386	History of Jazz	■	5 credits of Natural World courses (TESC prefix)
TCXIN 478	Revolution, Industrialization and Modernity in European Art (1780-1900)	TCXUS 471	American Women's Literature	■	35 credits of upper-division electives (a maximum of 15 transferable lower-division credits may be counted to fulfill electives).
		TCXUS 476	Nature and Environment in American Literature		
		TCXUS 477	Literature of the Harlem Renaissance		
		TCXUS 478	Contemporary Native American Women's Literature		
		TCXUS 479			

ENVIRONMENTAL SCIENCE (B.S.) ADMISSION REQUIREMENTS

This grid reflects admission requirements for the Bachelor of Science (B.S.) in Environmental Science degree only.

Undergraduate class standing of junior	Completion of an approved associate's degree (academic transfer degree) or 90 transferable college credits ¹
Foreign Language	Two years in high school of the same foreign language or 10 credits of one language at the college level
Mathematics	Three years of high school math through intermediate (second year) algebra or a course in intermediate algebra at the college level. (Proficiency may be satisfied through prerequisite coursework in chemistry, physics, calculus or statistics .)
Quantitative/Symbolic Reasoning	5 credits Satisfied through prerequisite coursework in chemistry, physics, calculus or statistics .
Writing	15 credits Must include 5 credits of English composition and 10 additional credits of writing-intensive coursework.
Visual, Literary and Performing Arts (Humanities)	15 credits College-level foreign language credits can be applied toward this requirement.
Individuals and Societies (Social Science)	15 credits
The Natural World (Natural Science)	30-50 credits Must include 15 credits of biology (majors course with lab), 15 credits of chemistry (majors course with lab), 5 credits of physics (mechanics with lab; may be taken at UWT), 5 credits of geology (with lab; may be taken at UWT), 5 credits of calculus (overview, may be taken at UWT) and 5 credits of statistics (may be taken at UWT).
Electives	To complete 90 transferable credits

¹ Exceptions may be made for students completing the Washington state-recognized Associate of Science degree (A.S.). Please contact an adviser for more information.

Environmental Science

Interdisciplinary Arts and Sciences offers five options for studying environmental science:

- Bachelor of Science degree in Environmental Science
- Bachelor of Arts concentration in Environmental Studies in the Interdisciplinary Arts and Sciences program (*see page 55*)
- Minor in Environmental Studies for students in any major or concentration at UWT
- Certificate in Restoration Ecology
- Certificate in Geographic Information Systems (GIS)

Bachelor of Science

The Bachelor of Science degree in Environmental Science is for students who wish to pursue scientific or technical work upon graduation, who plan to apply to graduate programs in scientific fields or who want a strong grounding in the pure and applied science disciplines. Topics such as ecology, evolution, conservation biology, biodiversity, atmospheric science, geology and energy resources, limnology, hydrology, marine biology and oceanography, agroecology and entomology, and environmental chemistry are offered in a mix of lecture, lab and field courses. Two required "bookend" seminars, taken by entering juniors and graduating seniors,

introduce students to scientific research, writing and funding processes. The senior capstone experience allows students to get practical experience in individual or team research or internship positions.

Admission Requirements

- Environmental Science admission requirements (see grid on next page)
- Computer literacy*

A minimum grade of 2.0 is required for each prerequisite course. Prerequisites must have been completed within the last five years. If they were completed before that time frame, please consult an IAS adviser. See an admissions or IAS adviser, or the IAS Web site for specific courses at area community colleges that fulfill these prerequisites.

Graduation Requirements

Students must complete 90 upper-division credits (a maximum of 15 transferable lower-division credits may be counted to fulfill electives) as follows:

- Environmental Research Seminar for entering Environmental Science students.
- Seven environmental science courses, to include:
TESC 333 Environmental Chemistry
TESC 340 Ecology and its Applications

and five additional courses including at least one biological science (B) and one physical science (P) course. At least two of the five courses must be lab (L) courses and one must be a field (F) course.

- 5 credits – one environmental law or regulations course or equivalent
- 5 credits – one environmental ethics/philosophy course
- 5 credits – one social science course with an environmental focus
- 5 credits – one humanities course with an environmental focus
- Capstone Experience (internship, undergraduate research, senior thesis or other approved capstone sequence)
- Senior Seminar (includes research presentations from capstone and grant proposal development)
- Additional electives to total 90 credits (a maximum of 15 transferable lower-division credits may be counted to fulfill electives)

Note: TESC 300 and TESC 313 cannot be taken as part of the science core. Consult an adviser or the IAS Web site for courses that fulfill these requirements.

Course Descriptions

See the Interdisciplinary Arts and Sciences Web page for the most current course information at www.tacoma.washington.edu/ias.

Communication

TCOM 349 News Writing 5 credits

Covers principles of news writing and reporting, including lead writing, Associated Press style conventions, news judgment, and ethical and legal issues. [V]

TCOM 350 Editing and Design for Print Media 5 credits

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. [V]

TCOM 353 Critical Approaches to Mass Communication 5 credits

Critically examines the role of mass communication in producing and reproducing cultural meaning in contemporary U.S. society. Studies various media, including print, sound and film recording, broadcast, and new media. [I]

TCOM 354 Communication History 5 credits

Considers communication history as a complex matrix of patterns, systems, and technologies that are central to human history. Includes development of different forms of communication and the intertwining of the history of mass communication with the history of other social institutions. [I]

TCOM 375 Writing, Reporting and Editing for the Mass Media 5 credits

Introductory skills course on writing, reporting, editing for print and broadcast media. Helps students develop a concise writing style, passion for thorough, accurate reporting, and a sensitivity to various audiences' needs and interests. Focuses on standard news practices in various news organizations, and on methods to effectively combine visual elements with the written word. Emphasizes strategies for gathering information effectively and for developing skills in interviewing, note-taking, and observation. [V]

TCOM 387 Writing for Public Relations 5 credits

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. [V]

TCOM 430 Global Networks, Local Identities 5 credits

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. [I]

TCOM 444 Gender, Ethnicity, Class and the Media 5 credits

Discusses the media's powerful sites for the construction and promotion of ideologies of gender, ethnicity, and class. Studies the socio-historical origins of these ideologies, using methods of media analysis to examine their presence in contemporary print and broadcast media. [I]

TCOM 454 Communications Law 5 credits

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. [I]

TCOM 457 Ethical Issues in Mass Communication 5 credits

Critically examines the relationship between the mass media and American society. Focuses on the individual journalist as a link between the two. Through a study of ethical theories, and of the social, political and economic context of the media, evaluates the professional and ethical dilemmas of the journalist. [I/V]

TCOM 458 Children and Television 5 credits

Examines the historical, sociological, and psychological context of children watching television. Brings together scholarship from child psychology, television criticism, and reception studies. [I]

ABOUT FULFILLING ADMISSION REQUIREMENTS

Some students are admitted to UWT before they have completed all of their admission requirements. Students may fulfill missing requirements in the Areas of Knowledge and Quantitative/Symbolic Reasoning through courses offered at UWT. Courses that fulfill these requirements are indicated with bold letters at the end of the course description: [V] Visual, Literary and Performing Arts (Fine Arts and Humanities); [I] Individuals and Societies (Social Sciences); [N] The Natural World (Natural Sciences); and [Q] Quantitative/Symbolic Reasoning.

TCOM 460
Communication and National Development
5 credits

Focuses on controversial origins of development communication and the evolution of this field into grassroots development communication. Examines case studies of grassroots development and entertainment-education in Asia, Latin America, and Africa. Draws connections between remote and local case studies of grassroots development through student-produced video documentaries. [I/V]

TCOM 470
Documentary Production and Critique
5 credits / Prerequisite: TCOM 351

Examines theoretical and ethical issues involved in the production of non-fiction genres while shooting and editing short-form, community-based documentaries. [V]

TCOM 482
Advanced Reporting
5 credits

Investigative reporting is demanding, intellectually, emotionally, and physically. Prepares students to undertake quality in-depth journalism. Includes interviewing, researching, and writing lengthy investigative news articles. [I]

TCOM 486
Feature Writing for Print Media
5 credits

Explores the news feature writing, with emphasis on developing story ideas, gathering materials, and writing in clear, compelling fashion. Intended for students who wish to contribute articles to The Ledger, community newspapers, or specialty publications. Also covers writing for the freelance market. [V]

Communities and Social Institutions

TCSIG 330
Inquiry and Research in the Social Sciences

5 credits / Prerequisite: TQS 310
Forms of inquiry from empirical laboratory or bench research to field work 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. [I]

TCSIG 333
Organizational Culture and Leadership
5 credits [I]

TCSIG 339
Psychology of Women
5 credits

Focuses on psychological and feminist framework to the examination of women's lives and development. Emphasis on how gender and sexism interact with ethnicity, class, and age to influence women's understanding of

themselves. Topics include gender differences, images of women, motherhood, and violence against women. [I]

TCSIG 343
Vietnam and the 1960s
5 credits [I]

TCSIG 348
Film and Human Values
5 credits

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. [I]

TCSIG 349
Sexual Identities
5 credits [I]

TCSIG 431
Organizational Development
5 credits

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. [I]

TCSIG 432
Group Process
5 credits [I]

TCSIG 433
Household and Family in Comparative Perspective
5 credits [I]

TCSIG 435
Migration in the Modern World: Migrants, Immigrants, and Refugees
5 credits

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. [I]

TCSIG 436
North American Regions
5 credits

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. [I]

TCSIG 437
Immigration Today
5 credits [I]

TCSIG 444
The Pacific Northwest
5 credits

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. [I]

TCSIG 445
The Metropolis
5 credits (max. 10)

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. [I]

TCSIG 451
The Enlightenment
5 credits

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. [I]

TCSIG 452
Political Theory of Human Rights
5 credits

Examines understandings and influence of idea of human rights. Considers conflicts and contradictions between human rights claims and national sovereignty, cultural difference, democracy. [I]

TCSIG 490
Special Topics
3-5 credits (max. 15)

Cultural Expression
TCXG 301
Intensive Spanish: Reading Skills
5 credits

An intensive skills-building course. Focuses exclusively on the components of language that will help students become better readers: vocabulary development, grammar recognition and strategies to put background knowledge, understanding of cognates and other forms of transferable knowledge to work when reading a text in Spanish. [V]

TCXG 302**Intensive Spanish: Conversation Skills**
5 credits

Intensive skills-building course. Focuses on the components of language that will help students understand and speak Spanish: vocabulary development, grammar recognition and strategies to put background knowledge, understanding of cognates and other forms of transferable knowledge to work when listening to and speaking Spanish. *Not open to native speakers of Spanish.* [V]

TCXG 303**Intensive Spanish: Practical Writing Skills**
5 credits

An intensive skills-building course. Focuses exclusively on the components of language that will help students become better writers. Practical approach to vocabulary development, grammar review. [V]

TCXG 330**Western Arts and Culture in Context: Prehistory to Medieval**
5 credits

Examines the development of arts and culture in the Western world from prehistory through the Middle Ages. Analyzes and compares the relationship between arts and ideas, and the social and cultural systems which enabled their production, transmission and preservation. Focuses on the interdisciplinary nature of the humanities through critical engagement with cultural artifacts and other relevant sources. [V]

TCXG 335**History of Photography**
5 credits

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. [V]

TCXG 336**Glass Arts**
5 credits

Covers issues related to glass arts and objectmaking. 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. [V]

TCXG 340**Landscape in Contemporary Art**
5 credits

Develops skills in drawing, composition and alternative means of expression during a concentration of art production on a single theme. Examines the changing role of landscape in art and the part environmentalism, politics and global culture have played in those changes. [V]

TCXG 368**The Human Figure in Contemporary Art**
5 credits

Develops drawing skills and alternative means of expression during a concentration of art production on a single theme. Considers figurative work from the moderns to contemporary performance artists. Includes studio projects, a drawing/journal book, reading and response, and research project. Additional art materials will need to be purchased by the student for this course. [V]

TCXG 369**Shakespeare**
5 credits

Studies selected tragedies, histories and comedies of English playwright William Shakespeare. Students read the plays closely, discuss them in class and advance textually supported interpretations in writing. Covers the historical background both of Shakespeare's England and the settings of the plays themselves, as well as relevant theology, philosophy and natural science. [V]

TCXG 372**Writing Effectively**
5 credits

This course moves from an examination of personal writing toward a close study of interpretive writing that is analytical and critical. We will practice methods of gathering ideas, writing drafts, reorganizing, revising and producing advanced-level essays with clear, complex assertions backed by thorough explanations. [V]

TCXG 373**Introduction to Writing Poetry**

5 credits / *Recommended: courses in upper-division writing and literature*

Studies the art and craft of writing poetry. Focus is on modern American poetic style, from Whitman to the present. Includes critical analysis of published poetry and intensive workshops in which students write poems and critique student work. [V]

TCXG 374**Argument and Research in Writing**
5 credits

This course in critical, analytical writing teaches ways to evaluate and synthesize research so that it can be woven into sustained, persuasive essays. The class will study how to frame arguments and support them with logical discussion as well as pursue library research to develop bibliographies that emphasize scholarly writing. [V]

TCXG 377**Art of the Americas**
5 credits

The art of the United States, Mexico and Canada is united by common historical events. This course will explore 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. [V]

TCXG 379**Modern Architecture**
5 credits

This course will examine 20th-century architecture and its origins. Through slide lectures, readings and field trips, we will focus on issues concerning style, technology, urbanism, regionalism, function and reform to address the diverse forces that have shaped modern architecture. [V]

TCXG 380**Humanities Research and Writing Seminar**
5 credits

Covers developing a thesis, designing an outline, doing preliminary research, writing drafts, and presenting a completed 20-page paper. Each quarter will focus on a different theme. [V]

TCXG 381**Introduction to Creative Writing: Fiction**
5 credits

Studies the craft of writing short stories. Combines intensive study of published stories with a writer's workshop in which students critique each other's stories. It is recommended that students complete at least one writing and/or literature course before enrolling. [V]

TCXG 382**Two-Dimensional Design and Contemporary Approaches in Art**
5 credits

Introduction to basic aspects of creating and understanding two-dimensional images and exploration of innovations and trends in contemporary art. Formal design elements will be covered, and historic and cultural meaning will be considered. Coursework includes studio projects, journal/drawing book, reading and discussion, and research project. Additional art materials will need to be purchased by the student for this course. *One visit to the Tacoma Art Museum will be required outside of the regular class meeting times. May be repeated with instructor permission.* [V]

TCXG 383**South Sound Contemporary Art: Creativity and the Art of Seeing**
5 credits

This introductory course will explore several forms of artistic expression — photography, printmaking, painting, video; and sculpture in stone, metal, ceramics, glass—and will provide definitions and theories about creativity and the creative process. All examples of artworks will come from contemporary artists living in or near Tacoma, Gig Harbor, Olympia and the Olympic Peninsula. [V]

TCXG 384**Three-Dimensional Art and Contemporary Approaches to Sculpture**
5 credits

Examines three-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. *May be repeated with instructor permission.* [V]

TCXG 386**Contemporary Art and Studio Drawing***5 credits*

Covers principles of drawing. Includes markmaking, outline, negative-positive relationships, proportion, perspective and composition. Intensive, hands-on course-work. [V]

TCXG 387**Varieties of Literary Criticism***5 credits*

Investigates different approaches to the reading and analysis of literary texts. Readings drawn from a range of theoretical and practical criticism. Consideration of what critical theory adds to the understanding and enjoyment of literature. Some attention will be given to the history of critical ideas. [V]

TCXG 389**Art from the Impressionists to the Surrealists***5 credits*

Explores the major movements in modern art from 1850 to 1940, including impressionism, post-impressionism, cubism, German expressionism, American modernism, social realism, futurism, dadaism and surrealism, addressing the significance of the dramatic changes that occurred in art during this time period. [V]

TCXG 469**Art Theories, Methods and Philosophies***5 credits*

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. [V]

TCXG 470**The Material World: Art and Artifacts***5/7 credits*

Examines material culture, that is, artifacts created and used by human beings to cope with the physical world. The course will employ interdisciplinary methods drawing from, among other fields, art history, anthropology and museum studies. The combination of these and other methods, known as material culture studies, will be used with hands-on study of everyday objects, such as tools, clothing and buildings, as a means of understanding the world around us. [V]

TCXG 471**Culture and Meaning in the Visual Arts***5 credits / Recommended preparation: TCXG 382, 383, 384*

Considers various ways of exploring the relationship of “art” to its cultural contexts. Specific topics may take either a U.S. or International focus, depending on student interests. [V]

TCXG 482**Editing a Literary Arts Magazine***5 credits / Recommended: One course each, upper-division writing and literature.*

Studies small literary magazines from the editorial perspective. Covers how to establish and defend editorial policy, assemble literary selections, collaborate with writers and editors, conceive of magazine design, and evaluate contemporary literature within the context of current publications. [V]

TCXG 483**Film Directors***5 credits*

Examination of 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? Through investigation of one or two major directors’ films, this course will explore not only consistencies of film style and thematic treatment through a director’s work, but also important contemporary debates on film aesthetics. *May be repeated for credit with instructor’s approval.* [V]

TCXG 484**Writing Creative Nonfiction***5 credits / Recommended: One other writing or literature course before enrolling*

Studies the writing of creative nonfiction, a genre that uses the techniques of fiction to write nonfiction prose. Combines study of published writers with a workshop in which students critique each other’s work. [V]

TCXG 488**Modern Novel***5 credits*

Examines Cervantes’ *Don Quixote* and 20th-century works inspired by it. May include *Don Quixote*, Kafka’s *Castle*, Borges’ *Labyrinths* and Nabokov’s *Pale Fire*. [V]

TCXIN 372**Film Studies***5 credits*

Study of the languages and forms of cinema, and major debates regarding film’s relations to reality, to politics and to other modes of cultural expression. Topics include narrative and non-narrative film; *mise en scène*, cinematography and editing; the soundtrack; film directors, genres and historical movements. [V]

TCXIN 376**Hispanic Film***5 credits*

Examines the ways in which Hispanic film reflects history, society, class and gender issues. Provides an understanding of different aspects of culture in the Spanish-speaking world and of film as an art form. *No knowledge of Spanish is required.* [V]

TCXIN 377**Mexican Literature and the Search for National Identity***5 credits*

Examines the ways in which Mexican writers represent themselves and their cultural heritage through literary texts. Focuses on

Mexican literature and provides students with an understanding of different aspects of the culture. *No knowledge of Spanish required.* [V]

TCXIN 381**Society, Self and Worldview in the Arts of India***5 credits*

This course will look at contemporary India by placing it in broad historical and comparative contexts. It will focus especially on the production of diverse material objects—ranging from food to human bodies to written texts, to buildings and carved images—and the ways that they produce and represent value and significance for diverse South Asian conceptions of self, society and the real world. The course does not propose to represent “the native’s point of view,” or even multiple native points of view; rather, it seeks to open and engage relational dialogues between and among such points of view and those relevant to the students in the course. [I] [V]

TCXIN 382**Society, Self and Worldview in the Arts of China***5 credits*

This course aims to develop the student’s understanding of major aspects of contemporary Chinese culture by considering it in the light of broad historical and comparative contexts. Special attention will be given to the place of family, self-cultivation, virtues and artistic refinement in the constitution of unequal social power in China. The specific shapes of modern systems of faith in China—especially including the cosmological myths implicitly built into the awkward marriage of consumer capitalism and Maoism—will be examined in relation to the historical momentum of Daoist, Confucian, Buddhist and popular folk conceptions of life and reality. [I] [V]

TCXIN 383**Society, Self and Worldview in the Arts of Japan***5 credits*

A study in the material production of value and meaning for contemporary Japanese people, located within broad historical and comparative perspectives. The course will adopt a relational focus as it explores frameworks for interpreting the present in relation to the past and recognizing common cultural strategies for cultivating a respected self in Japanese culture. Topics will include family, gender, work, business and aesthetics as they relate to various identities, ancient as well as modern, and personal as well as national. Selected written and visual sources from and about Japan will be used in the course as representations of historically shaped Japanese ways of thinking about self, society and the real world. [I] [V]

TCXIN 384**Society, Self and Worldview in the Arts of the Pacific***5 credits*

In this course we will examine some of the personal, social, economic and political predicaments of selected modern island

nations in relation to their ancient and colonial histories. Special attention will be given in this course to material signs (“art”) of social rank and personal family identities. 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) are common features of contemporary life in the Pacific that will be examined through the lenses of specific cases. Selected written and visual sources from and about the Pacific will be utilized as representations of Pacific Islanders’ ways of thinking about self, society and the real world. [I] [V]

TCXIN 386
Silent Cinema
5 credits

Surveys film history from 1895 to 1927. Studies masterpieces of international cinema in historical, aesthetic, technological and social contexts. [V]

TCXIN 461
Contemporary Mexican Culture
5 credits

Uses contemporary literary texts in translation, film, music and art as a basis for exploring 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. [V]

TCXIN 462
Women in Latin America
5 credits

Uses memoirs, letters, histories, biographies, literary texts in translation, film and music as a means of exploring the lives of women in Latin America. It examines a variety of gender issues from an interdisciplinary perspective. No knowledge of Spanish required. [I] [V]

TCXIN 463
Contemporary Cuban Culture
5 credits

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.* [V]

TCXIN 464
The Arts, Cultures and History of Mexico
10 credits

Uses literature, film, art, architecture, music and history to explore the cultures of Central Mexico. Develops Spanish conversational skills through immersion experience in Mexico. Fieldwork, lectures, small group activities. Topics vary. Taught in English and Spanish. [V] [I]

TCXIN 474
Russian History and Soviet Film
5 credits

Examines the major events of the Russian past by using Russian and Soviet films as primary resources. Provides an opportunity for dialogue between the facts of Russian history and the esthetic and ideological views of Russian and Soviet cinema. [I]

TCXIN 476
Latin American Women Writers
5 credits

Examines novels, short stories, poetry, drama and essays by contemporary Latin American women writers. Includes themes such 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. [V]

TCXIN 477
Patronage, Religion and Propaganda in European Art (1590-1750)
5 credits

Explores the changing objectives of artists and their subjects under the impact of shifting patronage—public and private, sacred and profane. Emphasis is given to the role of art as propaganda in the service of institutions, governments and individuals during a time span that is referred to as the baroque and rococo periods. Of particular importance for a discussion of the artistic production of the era are the historic circumstances resulting from the Reformation and Counter-Reformation, the rise of the Dutch Republic and the decline of the aristocracy. [V]

TCXIN 478
Revolution, Industrialization and Modernity in European Art (1780-1900)
5 credits

Covers artistic developments in England, France, Germany and Spain during the 19th century. Emphasizes the analysis of social, economic and political conditions—such as industrial progress and the struggle for democratic forms of government—as key influences on artistic production and the visual expression of the experience of modernity. [V]

TCXIN 479
Modern European Art
5 credits

Surveys the history of modern European art from 1880 through 1945. Includes the politics of the avant-garde, the intersections between fine art and popular culture, representations of sexual and racial identity, censorship, activism, technology, the museum, public art, critical and theoretical discourses. [V]

TCXIN 480
Contemporary Art and Society: 1945 to Present
5 credits

Studies major artists and creative trends since World War II within the 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. [I]

TCXIN 481
Film Theory and Aesthetics (Seminar)
5 credits

An introduction to the ways in which the 20th century’s major film theorists have conceived of the raw materials, forms, and values and effects of the film medium. Consideration of what critical theory adds to the understanding and enjoyment of film. Covers a wide range of commercial and experimental films which exemplify—sometimes challenge—the ideas presented in readings. [V]

TCXIN 484
French Cinema
5 credits

Overview of the art of film in France from 1895 to the present. Readings and screenings will place the study of French film culture in its historical, economic, social, political, philosophical, and aesthetic contexts. [V]

TCXIN 486
Feminist Perspectives in Film and Literature
5 credits

Feminist literary and film criticism asks questions about distinctions between male and female readers/viewers. From a perspective that considers gender and power relations, students will explore a variety of literary works and films by women, as well as a selection of relevant essays in feminist criticism. [V]

TCXUS 338
Hispanics in the United States
5 credits

Provides overview of the diverse groups of people who are called “Hispanic” in the U.S., with emphasis on the significant cultural, political and economic influence that Hispanics have had on U.S. society. Examines literature, film, television shows, internet sites, popular magazines, music and folk art as forms of cultural expression, and discusses how they reflect and interact with political issues. [I] [V]

TCXUS 371
History of Rock ‘n’ Roll
5 credits

In-depth look at the musical, social, and political history of rock and roll. Begins with pre-rock era of the 1940s through the fragmented 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. [V]

TCXUS 374**American Literary Movements, Genres and Historical Periods**
5 credits

A study of movements (transcendentalism, modernism, the Harlem Renaissance, etc.); genres (poetry, fiction, drama, essay); historical periods (American Renaissance, the '20s, etc.); and an investigation of the literature of ethnic, political or regional groups. Topics will vary by quarter. *May be repeated for credit with instructor's approval.* [V]

TCXUS 376**American Architecture**
5 credits

Examines the architecture of the United States from early Native American structures to late 20th-century buildings. Through slide lectures, readings and field trips, we will focus on issues concerning style, technology, regionalism, functions and reform to address the diverse forces that have shaped and continue to shape American architecture. [V]

TCXUS 377**American Poetry**
5 credits

An examination of different types of American poetry. Emphasis will be on writers from a variety of backgrounds. Poems will be approached from formal, thematic and historical perspectives. [V]

TCXUS 378**Studies in Selected American Writers**
5 credits

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? [V]

TCXUS 382**Cross-Cultural Studies in Contemporary Women's Literature**
5 credits

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. [V]

TCXUS 383**Early American Music, Art, Literature, Education and Theater**
5 credits

Examines the cultural life of Americans from Colonial times to the eve of the Civil War. Topics will include, but are not limited to, 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. [V]

TCXUS 384**African-American Women's Literature**
5 credits

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. [V]

TCXUS 385**African-American Literature from Slavery to the Present**
5 credits

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. [V]

TCXUS 471**History of Jazz**
5 credits

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. [V]

TCXUS 476**American Women's Literature: 19th- and 20th-Century Texts**
5 credits

Examines primarily novels and short stories by American women authors from the 19th and 20th 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. [V]

TCXUS 477**Nature and the Environment in American Literature**
5 credits

Examination of varying attitudes toward nature in American literary works—nature as antagonist, nurturer, resource, divinity, commodity. Consideration of how writers achieve authority for their visions of the natural world. [V]

TCXUS 478**Literature of the Harlem Renaissance**
5 credits

Examines the images, themes, and characterizations in literature written by African Americans during the Harlem Renaissance. Writers include Johnson, Hughes, Larsen, Hurston, Cullen, Fauset, Thurman, White and McKay. [V]

TCXUS 479**Contemporary Native American Women's Literature**
5 credits

Examines novels, short stories and poetry by contemporary American Indian 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 include Erdrich, Silko, Hogan, Tapahonso and Harjo. [V]

TCXUS 482**American Folklore**
5 credits

Examination of the types of American folklore and the techniques of the folklorist. Topics may include: American folk heroes, folklore versus fakelore, Southern and New England archetypes, the rural mystique, sexism, violence and racism in folklore, printed folktales and modern folk heroes. [V]

TCXUS 485**Media Genres**
5 credits

Study of genre, the thematic classification of films (e.g. westerns, musicals) and television programming. Specific topics will vary, but might include comedy, news/documentary, musical, and social-problem melodramas. [V]

Natural Science**TESC 300****Introduction to Environmental Science**
5 credits

This course emphasizes the tools, skills and academic disciplines necessary for an understanding of environmental problems. It can stand alone as an overview to prepare informed environmental citizens or serve as an introduction to more advanced courses in the physical and biological sciences at UWT. Topics covered may include earth systems, population and community ecology, evolution, conservation biology, water and air quality, and natural resource management, as well as select case studies relevant to the Pacific Northwest. [N]

TESC 304**Tropical Ecology and Sustainability**
5 credits

Explores biological and cultural aspects of tropical ecosystems. Integrates concepts from environmental science, ecology and evaluation in order to gain an understanding of tropical ecology. [N]

TESC 310**Environmental Research Seminar**
3 credits

This course introduces students to the essential skills and tools they need to succeed in upper-division environmental science courses. Students will be exposed to scientific ways of thinking, investigating, reading and writing. Students will also explore future employment and graduate school options and opportunities. [N]

TESC 311**Maps and GIS***5 credits*

Introduction to map interpretation and basic spatial analysis through the use of geographic information systems (GIS). Develops, through hands-on experience, a fundamental understanding of GIS and its applications in a variety of fields such as environmental science, urban planning, nursing, social work and business. Required lab section includes projects and exercises. [N]

TESC 313**Physical Forces in the Natural World***5 credits*

Focuses on physical principles with environmental applications. Explores physical processes that shape and form the environment. Studies the forces of nature and the properties of matter. Includes demonstrations and develops hands-on experiential skills. [N]

TESC 317**Geohazards and Natural Disasters***5 credits*

Provides a scientific understanding of the natural and physical processes driving what we perceive as geohazards and natural disasters. *Cannot be taken for credit by students who have previously taken TESC 337.* [N]

TESC 319**Water Quality Concepts and Watershed Studies***5-6 credits*

Investigates components needed to conduct a successful water-quality study within the focus of a watershed. Covers design concepts for environmental studies, goals and approaches to sample collection, and aspects of data review and analysis. Includes field sampling and laboratory exercises involving commonly measured properties in water studies. *Offered either with a required lab section (6 credits) or without a lab (5 credits).* [N]

TESC 321**Soils and Environmental Applications***5 credits*

Discusses interactive aspects of soil composition and properties and their influence on the environment. Covers soils and hydrologic cycle, soil ecology and nutrients, soil erosion and aquatic sediments. Includes hands-on analysis of soils and field studies of soil properties. [N]

TESC 323**Issues in Biological Conservation***5 credits*

In this course we will consider some biological and social issues associated with species conservation in a world that is growing increasingly degraded biologically. It serves as an overview of the inter-disciplinary field of conservation biology. Additionally, one or more case studies (e.g. the cleanup of Lake Washington, the Exxon Valdez oil spill, federal listings of northern spotted owls and local salmon runs) from the Pacific Northwest will form fodder for our discussions as we explore the scientific and human elements of biodiversity decision making. [N]

TESC 333**Environmental Chemistry***6 credits / Prerequisite: Two or three quarters Introduction to Chemistry sequence and TESC 300 or TESC 310 or equivalent*

This course is designed to give students a background in basic environmental chemistry, with emphasis on practical applications for understanding aquatic systems. We will cover carbon, nitrogen, phosphorus, and sulfur cycles; gas exchange; alkalinity; and reduction/oxidation reactions. [N]

TESC 336**Plants and People: The Science of Agriculture***5 credits*

Explores the benefits and costs of technological advances in global food production. Topics will include the origins of agriculture, plant and insect ecology, integrated pest management, genetic engineering and environmental risk assessment. [N]

TESC 337**Environmental Geology***6 credits / Prerequisite: TESC 300 or TESC 310 or equivalent or an introductory geology course or permission of instructor*

This course provides a geologic perspective on environmental issues by examining human impact on earth's natural resources, as well as the physical environment's impact on man and other living organisms. Natural hazards, land-use planning, earth resource conservation, disposal and recycling are studied through the application of geologic and hydrologic processes that affect environmental pollution and change. Required lab section includes hands-on activities, computer simulations, discussion, student presentations and field trips. [N]

TESC 339**Energy and the Environment***5 credits*

This course provides an overview of various renewable and nonrenewable energy resources, their distribution, availability, patterns of use and impact on the environment. It will evaluate relative energy efficiencies as well as political and economic impacts on energy use. [N]

TESC 340**Ecology and its Applications***6 credits / Prerequisite: Two or three quarters Introduction to Biology sequence and TESC 300 or TESC 310 or equivalent*

Ecology is the scientific study of the distribution and abundance of organisms and considers how they interact with each other and with their environments. This class focuses on key processes and interactions (e.g. population growth and regulation, competition, predation, various symbioses) needed for an understanding basic and applied ecology. Discussion of theory and data from a variety of habitats will be augmented by a lab section to include student presentations, primary literature analysis, computer simulations and/or field trips. [N]

TESC 341**Oceanography***5-6 credits / Prerequisite: TESC 300, TESC 310 or equivalent*

A study of the evolution, composition, structure, behavior and residents of the world's oceans. This survey course covers all aspects of oceanography including the study of chemical, physical and biological properties of the ocean, as well as the geological characteristics of the basins in which the oceans reside. Required lab section includes hands-on activities, computer simulations, discussion, student presentations and field trips. *Offered either with a required lab section (6 credits) or without a lab (5 credits).* [N]

TESC 343**The Atmosphere and Air Pollution***6 credits / Prerequisite: TESC 300 or equivalent or an introductory meteorology course or permission of instructor*

This course serves as an introduction to the processes that determine weather and climate and investigates how these phenomena relate to air pollution. An overview of basic meteorological principles will be presented and applied to understanding global and local air pollution issues such as the greenhouse effect, the ozone hole, acid rain, photochemical smog and urban heating. Required lab section includes hands-on activities, computer simulations, discussion, student presentations and field trips. [N]

TESC 345**Pollution and Public Policy***5 credits*

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. [N]

TESC 347**Maritime History and Science in the Pacific Northwest***5 credits*

Examines the Pacific Northwest maritime cultural heritage and investigates the scientific principles that affect ocean resources. Explores topics including the Northwest indigenous seagoing peoples, early American and European explorers, current maritime trade and policy and all aspects of oceanography. [N]

TESC 349**Research at Sea***10 credits / Prerequisite: TESC 347*

Explores current issues in oceanography of the Pacific Northwest. Students plan, design and implement scientific research projects, work collaboratively in small research teams in a field setting, and present the results of their investigation at a scientific colloquium following the required cruise. [N]

TESC 362**Introduction to Restoration Ecology**

7 credits / Prerequisite: TESC 300, TESC 310 or equivalent

Introduces ecological restoration of damaged ecosystems. Covers philosophical base of restoration as well as the social, biological and political forces that affect the success of any restoration project. Includes lectures, readings, case studies and field trips. [N]

TESC 402**History and Ecology of Biological Invasions**

5 credits / Recommended: Prior coursework in the biological sciences

Explores the population dynamics and ecological impacts of non-indigenous 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. [N]

TESC 410**Environmental Science Senior Seminar**

3 credits / Prerequisites: TESC 310 and one of TESC 496, TESC 497, TESC 499 or TESC 463

Synthesizes environmental research methodologies and oral and written presentation skills in group projects developing grant proposals responding to published Requests for Proposals. Includes research presentation of individual environmental science capstone experiences in culminating course for the B.S. degree in Environmental Science. [N]

TESC 417**Field Geology**

7 credits / Prerequisite: TESC 337

Provides students with a field-based knowledge of the geological environment of Puget Sound and Western Washington and an introduction to geological field techniques. Required weekly field trips during class time and two required oversight field trips. [N]

TESC 422**Evolution**

5-6 credits

Examines the implications of Dobzhansky's statement that "Nothing in biology makes sense except in the light of evolution." Explores the idea and mechanisms of evolutionary change by evaluating the biological and geological evidence that makes organic evolution a unifying theme in the natural world. Discusses evolutionary issues in medicine, agriculture, biodiversity conservation and human affairs. Offered either with a required lab section (6 credits) or without a lab (5 credits). [N]

TESC 431**Water Resources and Pollution**

7 credits / Prerequisite: TESC 300 or TESC 310 or equivalent and permission of instructor

This course investigates freshwater quantity and quality, with a focus on Pacific Northwest water-related issues. The availability and use of fresh water as a limited global resource will be evaluated. The physical and chemical aspects of various local aquatic environments will be explored through intensive field studies. [N]

TESC 433**Pollutant Fate and Transport in the Environment**

6 credits / Prerequisite: Two or three quarters

Introduction to Chemistry sequence and TESC 300 or TESC 310 or equivalent

An introduction to 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, the complex issues involved in remediation will also be examined. [N]

TESC 434**Biology, History and Politics of Salmon in the Pacific Northwest**

5-6 credits

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. Offered either with a required lab section (6 credits) or without a lab (5 credits). [N]

TESC 438**Environmental Biology: Marine Invertebrates**

6 credits / Prerequisite: Two quarters introductory biology.

Examines the structure, function, life histories, ecology and evolution of major groups of marine invertebrate animals. Lectures, discussions, images and library research are augmented by laboratory work with live organisms whenever possible. Integrates details of biodiversity with issues and concepts from ecology and environmental science. [N]

TESC 440**Environmental Entomology**

6/7 credits / Recommended: Two quarters of introductory biology

Explores structure, function, ecology and evolution of terrestrial arthropods, focusing primarily on insects. Integrates concepts from environmental science, ecology and evolution in order to gain an understanding of insect biology. [N]

TESC 442**Marine Ecology**

7 credits / Prerequisites: TESC 340 or TESC 438, an introductory biology series and permission of instructor

This field-intensive course will be a hands-on exploration of the natural history of and interactions among marine organisms, emphasizing cold-water intertidal invertebrates and seaweeds. In all-day and weekend-long field trips to Friday Harbor, Washington's Outer Coast, and around Puget Sound, students will become acquainted with the organisms, species interactions and research methods of marine ecology. Special topics lectures may include biology of coral reefs, kelp forests, estuaries, marine fisheries and marine conservation. [N]

TESC 452**Plants, Insects and their Interactions**

7 credits / Prerequisite: TESC 340 or permission of instructor

Emphasizes hands-on exploration of the natural history and ecology of plants and insects and interactions amongst them. A series of all-day field trips will focus on biological issues relevant to resource management and agricultural production in different sites around Puget Sound. [N]

TESC 462**Restoration Ecology Capstone: Introduction**

2 credits / Prerequisite: TESC 362

The first of a three-course capstone sequence in restoration ecology. Reviews and assesses project plans and installations. Meets with members of previous capstone classes to review projects. Offered jointly with BES 462/EHUF 462. [N]

TESC 463**Restoration Ecology Capstone: Proposal and Plan**

3 credits / Prerequisite: TESC 462

Student teams prepare proposals in response to requests for proposal (RFPs) from actual clients. Clients may be government, nonprofit organizations and others. Upon acceptance of the proposal, teams prepare restoration plans. Offered jointly with BES 463/EHUF 463. [N]

TESC 464**Restoration Ecology Capstone: Restoration Project Implementation**

5 credits / Prerequisite: TESC 463

Takes the restoration plan developed in TESC 463 and completes the installation. Participation may include supervision of volunteers. Prepare management guidelines for the client and conduct a training class for their use. Offered jointly with BES 464/EHUF 464. [N]

TEST 331**Environmental History: Water**

5 credits

Examines the historical impact of fire, irrigation, grazing, mining, deforestation and urbanization upon the regional and global environment. Emphasizes the sources and methods historians use to study environmental change over time. Students apply the methods they learn to studying the history of an environmental issue in the Pacific Northwest. [N]

TEST 332**A Natural History of Garbage: Changing Paradigms of Waste Management**

5 credits

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. [N]

TEST 333**Environmental Policy Application and Compliance***5 credits*

Covers practical environmental regulatory compliance. Develops, through hands-on experience, an understanding of the systems, procedures and forms required for routine environmental compliance. Explores how business, government and the private citizen interact with environmental regulations. [N]

Ideas, Beliefs and Cultural Patterns**TIBCG 314****Analytical Thinking***5 credits*

Develops problem solving skills, decision-making methods and precise written formulation of ideas through elementary mathematics. Emphasizes logical thinking and precise formulation of statements rather than mathematical formulae and theorems. Analyzes real-life problems and situations; examines optimal decisions/solutions. No specialized mathematical skills required. [I] [Q]

TIBCG 353**The End of the Modern World (1600-2000)***5 credits*

The “modern” period will probably be dated in history books as running from 1600-2000, identified as such not only by the rise of science and technology but also by a characteristic set of fundamental images and assumptions. This course will investigate the origin and influence of these images and assumptions and discuss the forces that are undermining them. It will conclude with a consideration of what may replace them in the course of the next few decades. [I]

TIBCG 361**Ethics in Society***5 credits*

Study of the meaning, nature, legitimacy, criteria and foundations of moral judgment. The course 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. [I] [V]

TIBCG 362**The Beautiful and the Good: Philosophy's Quest for Value***5 credits*

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. [I]

TIBCG 363**Philosophical Perspectives on the Environment***5 credits*

A study of the philosophical thinking and wisdom attending an inherent valuation of the natural environment. Emphasis is placed upon critically exploring the philosophical and natural history writings and/or expressions of primal traditions and seminal thinkers including Thoreau, Muir, Leopold and Naess. In addition, the ongoing philosophical dialogue attending the contemporary environmental crisis will be examined. [I] [N]

TIBCG 437**Technology in the Modern World***5 credits*

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. [I]

TIBCG 440**Medieval Technology***5 credits*

Examines the nuts and bolts of medieval 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. [I]

TIBCG 448**Arts Administration***5 credits*

Surveys and analyzes the social, cultural, economic and creative foundations of cultural management and arts administration. Emphasis is placed upon critical and creative thinking in evaluating the role and function of nonprofit arts institutions within the complex fabric of contemporary society. [I]

TIBCG 449**Museum Studies***5 credits*

Introduction to the history, philosophy, organization, administration and practice of museums. 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. [I]

TIBCG 452**Anti-Semitism and the Holocaust***5 credits*

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. [I]

TIBCG 453**Health, Illness and Culture***5 credits*

This course will explore meanings of health and illness in contemporary American culture. We will also consider historical, cross-cultural and literary examples. Conversely, health, illness and therapeutic and preventive practices provide crucial insights into aspects of American culture and society. [I]

TIBCG 454**Seminar on Health and Culture***5 credits / Prerequisite: Permission of instructor*

Historical, anthropological and sociological approaches to the meaning of health in modern and 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). [I]

TIBCG 455**Medicine and Morality: Issues in Biomedical Ethics***5 credits*

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. [I] [V]

TIBCG 456**Environmental Ethics***5 credits*

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 versus deep ecology, and environmental aesthetic theory. [I] [V]

TIBGIN 350**Ancient Literature of Western Civilization***5 credits*

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*. [V]

TIBGIN 351**Modern Literature of Western Civilization***5 credits*

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*. [V]

TIBCIN 353**Medieval and Renaissance Literature of Western Civilization***5 credits*

In this course we will examine critically works of literature and literary theology from the medieval and Renaissance eras in Europe, works we can call “archetypes” since they became the foundation for subsequent European writing and thought of all kinds. To include Dante’s *Inferno*, Shakespeare’s *Hamlet*, and Milton’s *Paradise Lost*. [V]

TIBCIN 354**History of the Concept of Culture***5 credits*

Investigation of the history of the concept of culture, from its origins in the 19th-century notions of “race” and “evolution,” through its later development in 20th-century popular and anthropological usages. [I]

TIBCIN 355**The Mind of Modernity***5 credits*

Looks at how since the 16th century, new and competing ways of understanding ourselves, the natural and human worlds, and our place in them, have defined European modernity. Materials are a selection of original artistic, scientific, philosophical and literary texts. Reading, discussion and writing will be emphasized. [I]

TIBCIN 357**The Greek Mind and Imagination***5 credits*

An exploration of what makes the contribution of the Greeks so unique in the formation and heritage of Western civilization. The course examines some of their major human expressions and achievements in art, philosophy, literature and history. It attends to the continuing influence of these ideas, values and institutions on the world today. [I]

TIBCIN 358**History of Philosophy: Medieval and Modern***5 credits*

Though the ideas of philosophers appear very different, there is continuity in the concerns of thinkers from different places and eras. Such continuity is apparent as one examines medieval and early modern philosophers such as Augustine, Aquinas, Descartes, Hume and Kant as they address questions about reality, thought, the beautiful and the good. [I]

TIBCIN 360**History of Philosophy: Modern and Contemporary***5 credits*

Examines movements including 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. [I]

TIBCIN 366**Islam***5 credits*

This course will investigate the history and forms of Islam, the predominant religion of the Middle East. Particular attention will be devoted to understanding values, views and assumptions that are often quite different from those familiar in the secular societies of the West. [I]

TIBCIN 367**East Asian Religions: Zen and Taoism***5 credits*

Study of Taoism as a characteristic East Asian worldview and of Zen as an East Asian reshaping of Indian Buddhism. Reading and discussion of Taoist and Zen materials. [I]

TIBCIN 450**Contemporary Theories of Culture (Seminar)***5 credits*

Recent anthropological theory and contemporary cultural theory. The course will be organized either around trends in cultural theory, such as structuralism and semiotics, British cultural studies, critical theory and postmodernism; or topically, such as 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.* [I]

TIBCIN 451**Renaissance Europe***5 credits*

Development of Renaissance humanism and its influence on culture, politics and society in 14th, 15th and 16th century Europe and beyond. [I]

TIBCIN 453**Ancient Greek Tragedy***5 credits*

Examines selected tragedies of Aeschylus, Sophocles and Euripides. [V]

TIBCIN 455**Medieval Quests***5 credits*

In this course we will examine critically important works of literature, philosophy and theology from the medieval era, broadly construed. With special attention to the theme of the “quest,” we will read Augustine’s *Confessions*, *Beowulf*, *The Quest of the Holy Grail*, *Sir Gawain and the Green Knight*, and *Don Quixote*. [V]

TIBCIN 456**Postcolonial Studies: African Perspectives***5 credits*

Investigates postcolonial cultures located in Africa. Situates the political, personal and historical dimensions of international and institutional hierarchies in Africa and the African diaspora. Examines African philosophy, literature, art, folklore and history as sources of postcolonial nationalism. [I]

TIBCIN 461**Religion and Church in Latin America***5 credits*

This course is an interdisciplinary examination of the political, social and cultural implications of religion in Latin America. The course will cover four major themes: (1) the history of the Catholic Church and its influence on politics and socio-economic structures, (2) religious syncretism, (3) liberation theology and (4) changes occurring in contemporary Latin American Christianity. [I]

TIBCIN 462**African Folklore and Literature***5 credits*

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. [I]

TIBCIN 463**God: East and West***5 credits*

“God” (a personal Supreme Being who created the world) is the way of understanding the Ultimate most familiar to the Western world. There are, however, a number of alternative ways of understanding the Ultimate richly exemplified in non-Western religious traditions. In this course we will consider both Western and Eastern approaches and examine their ramifications for the way human beings have thought. [I]

TIBCIN 466**Modernity and its Critics***5 credits*

A consideration of various attempts to specify and critique the contours of Western modernity—in culture, philosophy and political economy. Themes selected will include the impact of Cartesian philosophy, science and rationality on our concepts of the world, ourselves, our bodies, time and human relations. [I]

TIBCUS 355**American Modes of Thought and Experience***5 credits*

Exploration of the roots of the American experience in its European intellectual and cultural background. The course reconstructs the peculiarly American angle of vision and value in the development of its cultural heritage. It examines the contribution of tradition and change to that experience and to subsequent philosophical reflection upon it. [I]

TIBCUS 360**American Political Theory***5 credits*

Considers major issues and traditions in American thinking about democracy, citizenship, membership and justice. The focus is on works by important thinkers from the Founding to the 20th century. Includes conflicting visions and tensions associated with the demands of newly rising social groups, and American identities. [I]

TIBCUS 430
Introduction to Public History
5 credits

This course introduces students to the major issues and questions addressed by historians who work in the public sphere. Central themes include 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. [I]

TIBCUS 451
Cultural Studies (Seminar)
5 credits

Selected themes in American and/or other industrial cultures. Themes and readings will vary and may include: advertising; consumption and the middle class; the culture of work; youth subcultures; urban ethnography; gender and sexuality; individualism and community; culture and personality; and the therapeutic culture. *May be repeated for credit with instructor's approval.* [I]

TIBCUS 459
African-American Culture and Consciousness
5 credits

Examines African-American culture and consciousness from slavery to the 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. [I]

TIBCUS 460
African-American Religious History
5 credits

Examines African-American religious practices from slavery to the present. Focuses on the role of religion in African-American culture, racial identity, 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. [I]

TIBCUS 464
Native American Cultural Areas
5 credits

Explores the religious traditions of a specified North American cultural area. A particular course of study is offered on the following rotation: a.) Arctic-Subarctic, b.) Eastern Woodlands-Southeast, c.) Plains-Basin, d.) Southwest-California, and e.) Northwest Coast-Plateau. Mythological themes, metaphysical beliefs, values and ritual practices are explored for each cultural area. *May be repeated for credit with instructor's approval.* [I]

TIBCUS 465
African-American History: 1945 to the Present
5 credits

Examines African-American history from 1945 to the 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. [I]

TIBCUS 466
Life and Thought: Martin Luther King, Malcolm X and Angela Davis
5 credits

A readings/discussion seminar exploring the experiences and thinking of three well-known leaders of African-American protest in the 1960s. Students interpret black radicalism in that era and the relationship of these three analysts and activists to their times and to the present. [I]

Psychology

TPSYCH 300
History and Systems of Psychology
5 credits

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. [I]

TPSYCH 301
Transitions: Coping with Change
5 credits

Examines research and theory focused on how people and organizations cope with change. The place of change in theories of human development, the mechanisms by which change is assumed to occur, strategies for managing change at the personal, organizational and societal level are discussed as well as the relationship between stress and social disorder and change. [I]

TPSYCH 310
Abnormal Psychology
5 credits

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. [I]

TPSYCH 311
Personality Theories
5 credits

Covers the major theories of personality. Analyzes the personalities of famous individuals according to various theorist perspectives. [I]

TPSYCH 312
Child and Adolescent Abnormal Psychology
5 credits

Major theories of child and adolescent psychopathology are considered and implications for diagnoses are addressed. Includes childhood depression and other mood disorders, mental retardation and autism, conduct disorders, learning disabilities and attentional disorders, attachment disorders and childhood trauma, substance abuse and eating disorders. [I]

TPSYCH 320
Theories of Child Development
5 credits

This course is designed to help students integrate psychological theory and research in child development with the more practical interests and concerns. The focus of the course will be the critical analysis and application of scientific knowledge to real-world concerns such as the improvement of parenting, schooling, day care, and public policy. [I]

TPSYCH 321
Adolescent Psychology
5 credits

Explores the adolescent experience through the use of contemporary film, literature, and psychological research and theory. Topics include physical development, separation issues, gender differences, fantasy, and issues relevant to diversity. Explores how culture conceptualizes adolescents and how psychological perspectives either hinder or expand our ability to understand the adolescent experience. Emphasizes at-risk teenagers. [I]

TPSYCH 322
Adult Development
5 credits

This course examines adult development, beginning with the transition to adulthood through young, middle and old adulthood. Special attention is placed on examining diverse individual experiences and social/contextual factors in the United States and their effect on the changes, choices, opportunities, and paths through adulthood. [I]

TPSYCH 400
Psychology of Women
5 credits

Focuses on psychological and feminist framework for the examination of women's lives and development. Emphasis on how gender and sexism interact with ethnicity, class, and age to influence women's understandings of themselves. Topics include gender differences, image of women, motherhood, and violence against women. [I]

TPSYCH 401
Family Violence
5 credits

Family violence is a pervasive social problem. This course offers a comprehensive interdisciplinary investigation of this topic. We will explore 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. [I]

TPSYCH 402
Human Sexuality
5 credits

The major objectives of this course are to: provide practical information about human sexuality, including biological, sociological, and psychological material, research methods, and current issues; to provide an opportunity to take the material learned and apply it to everyday situations, particularly those of a psychological nature. [I]

TPSYCH 403**Psychology of Black Women***5 credits*

Applies a psychological and feminist framework to the examination of black women's lives and development. Emphasis on the coping techniques used by black women throughout history. Topics include mental health, violence, male-female relationships, and cross-racial friendships. [I]

TPSYCH 404**Psychology of Food, Ritual and Culture***5 credits*

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. [I]

TPSYCH 405**Body Image and the Psychology of Personal Appearance***5 credits*

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 will be covered, and adaptation to social/psychological appearance demands in terms of both problems, such as eating disorders, and resistance. [I]

TPSYCH 406**Chemical Dependency and Families***5 credits*

Examines the biological, psychological, social and cultural factors involved in drug dependency and their influences on families. Explores theoretical concepts and practical situations related to family roles resulting from drug dependency. Examines prevention, intervention, treatment and 12-step programs including those related to various ethnic and cultural groups. [I]

TPSYCH 407**The Cultural Context of Developmental Psychology***5 credits*

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. [I]

Quantitative Studies**TQS 310****Statistics with Applications***5 credits*

This course is an introduction to the basic concepts and the practice of statistics using the personal computer and the computer program Microsoft® Excel as analysis tools. Topics include graphical and verbal descriptions of data along with the calculation and interpretation of correlation and regression using practical examples. Class time is split between analyzing statistical concepts and performing computer analysis. Large data sets will be used as representative research results. [N] [Q]

TQS 311**Calculus and its Practical Applications***5 credits / Prerequisite: Pre-calculus.*

This course involves the study of calculus and its applications in science and business. Calculus is the mathematics of motion and change. Topics include: advanced functions and their limits, maximums and minimums, rates of change or derivatives, and areas or integrals. Functions are analyzed graphically using computer techniques. [N] [Q]

TQS 312**Intermediate Statistics with Applications in Environmental Science***3-5 credits*

This course is a continuation of a basic statistics course. The intermediate concepts of statistical inference and testing will be investigated using SPSS software for analysis. In addition, applications and examples will be drawn from environmental science. [N] [Q]

TQS 313**Calculus and Its Practical Applications II***5 credits / Prerequisite: TQS 311*

Covers advanced calculus and probability. Includes differential equations, functions of several variables, density and distribution functions. Stresses deep understanding of the main concepts and the usage of those concepts for mathematical modeling and application in science and business. [N]

States and Markets**TSMG 312****Understanding the Real Economy***5 credits*

Investigates great themes of political economy, from the nature of banking to the consumption of pop culture. Examines various schools of economic thought that have given shape to our perception of exchange, production, dissipation and collective life in general. [I]

TSMG 313**Theories of Economic Development and Social Change***5 credits*

Introduction to the major theories on Third World economic development and social change in the post-World War II period. Major theories include liberal, Marxist, modernization, dependency, world systems, and the "new comparative political economy." [I]

TSMG 420**Women in the Global Economy***5 credits*

Explores impact of "modernization" and "development" on the 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 and development planning. Examines cultural practices, economic arrangements and government policies in order to understand opportunities and obstacles confronting women in developing countries today. [I]

TSMG 422**Political Economy of Technological Change***5 credits*

Discusses the various ways technological change is conceptualized. Argues that technological change is both radical and incremental and is an outcome of economic, socio-political and cultural conditions. Seeks to show the complex dynamics underlying technological change, including bargaining, technology transfer, "learning-by-doing" and the role of the state in both industrialized and developing societies. [I]

TSMG 424**International Business and Development***5 credits*

Study of the ways in which interactions between states, local business, multinational enterprises and political agencies produce uneven levels and rates of development in different countries. The course examines the question whether economic and technological backwardness will be a permanent feature of the modern world. [I]

TSMG 425**Labor and Politics in Comparative Perspective***5 credits*

This course examines the complex roles labor organizations (unions and parties) have played in the political life of capitalist societies. We look at current and historical barriers and opportunities for organization, as well as issues of state formation, policy and democracy. [I]

TSMG 426**Nature of Money***5 credits*

Investigates the nature of money. Historical analysis of paper and metal money, bank credit and financial transactions, from antiquity to the present provides an understanding of the immense power of construction, destruction and suggestion that is exercised by this enigmatic means of payment. [I]

TSMIN 300**International Interactions***5 credits*

Interdisciplinary study of the interactions of diverse societies and traditions in the modern world. Topics may include: revolution, ecology, group and individual identity, nationalism and oppression, economic development and social change, world views, art and spiritual life. *Content and approach will vary with the instructors.* [I]

TSMIN 310**Modern European Political Theory***5 credits*

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. [I]

TSMIN 311**International Human Rights***5 credits*

Team-oriented research on the historical origins, theories, basic documents, personalities, institutions, and legal and political processes which have promoted international human rights as a widely accepted legal and moral foundation for a just world order. [I]

TSMIN 312**19th-Century Revolutions and Revolutionaries***5 credits*

Examines the major revolutionary events and ideas of the 19th century: liberalism, socialism, and anarchism. Emphasizes discussion of political theories, movements, and their relationships to underlying historical processes. Ends with consideration of how these revolutions and revolutionaries helped define the political agenda for the 20th century. [I]

TSMIN 314**20th-Century Revolutions***5 credits*

This course is an interdisciplinary look at four major 20th-century revolutions: those in Russia, China, Cuba, and Nicaragua. The course will begin with political theories of revolution; then it will discuss the historical process which accomplished each of the four revolutions and end with a discussion of how these revolutions established political legitimacy and culture. [I]

TSMIN 315**Europe in the 20th Century***5 credits*

An interdisciplinary examination of the major political, social and cultural developments in Europe during the 20th century. The course will look at the two world wars, fascism and communism as alternatives to parliamentary democracy, Europe's remarkable revival in the era since 1945, and conclude with an examination of the new integration of Europe and its prospects for re-establishing its former world prominence in the future. [I]

TSMIN 324**Modern Latin America***5 credits*

A multidisciplinary examination of Latin America with a social science emphasis. The course includes a brief history of the region, sociological analysis of various Latin American institutions (the Church, the military, the labor movement, etc.), a consideration of migration issues and development economics, and a brief section on culture. The course concludes with an examination of contemporary Latin American political and social issues. [I]

TSMIN 326**Modern Brazil***5 credits*

This interdisciplinary course will trace the development of modern Brazil from independence to the present. Of particular interest will be the development of the military, the modernization of the Brazilian economy and the role of the popular sectors. The concepts of modernization/developmentalism, populism, and corporatism will be discussed. The course will also cover contemporary issues such as environmental degradation and urban violence. The course will be comprised of both lectures and seminar-style discussions. Through class discussions, readings, lectures, and papers, students should develop their skills of critical analysis and enhance their expressive capabilities—both oral and written. [I]

TSMIN 328**Third World Problems and Prospects***5 credits*

An examination of contemporary issues and problems faced by the developing world. Economic development, resource use and aspects of neocolonialism are considered. Selected topics relevant to individual Third World regions are discussed and case studies are presented. [I]

TSMIN 329**Making of Modern Africa***5 credits*

This course aims at seeing how Africa's societies came to be as they are today. The course concentrates on international and global movements of capital, technology, commodities, people and ideas and with their effects on the way people live. It will focus on the part played by Africa and African peoples in these global movements. [I]

TSMIN 410**Caribbean Basin: Selected Topics***5 credits*

Selected themes concerning the region comprised of the Caribbean Islands, Central America, Venezuela, and Colombia. The course will focus on a different topic or micro-region each quarter. *May be repeated for credit with instructor's approval.* [I]

TSMIN 412**History of Vietnam***5 credits*

Examines Vietnamese history, culture and society from the earliest days through the 1980s. [I]

TSMIN 413**Pre-modern Japan***5 credits*

From its pre-history to the 18th century Japan blended native traditions with continental Chinese influences to create its own civilization. This course will examine the political, economic, social and intellectual factors that shaped Japan in the premodern age. The course provides a background to understanding the development of modern Japan. [I]

TSMIN 414**Modern China***5 credits*

Starting with early Chinese contacts with the West, this course will trace the 19th and 20th century Chinese experience through China's struggles to modernize, its revolutionary experience and the establishment and continuation of communist rule. Using an historical framework, this course will examine China's transformation from imperial rule to "People's Republic" by exploring political and economic change, and just as importantly, social, cultural and intellectual change. [I]

TSMIN 415**Modern Japan***5 credits*

This course will trace the transformation of Japan from a feudal country under Tokugawa military rule in the 19th century to an economic superpower in the 20th century. In addition to historical and political issues, social and cultural topics will be addressed, as will the clash of traditional Japan with the modern, industrialized West. [I]

TSMIN 416**Modern Korea***5 credits*

Traces Korea's transition from traditional Asian state to modern nation emerging on the world economic scene. Because of its geographic location, Korea has suffered chaotic change in the modern period. Course will cover Korean society, culture and politics, looking at Korea's period as a Japanese colony, the division of Korea, the Korean war and recent developments. [I]

TSMIN 418**Interpreting Enigmatic India***5 credits*

Introduces the politics and economics of modern India. Using a historical approach, this course examines India as a nation-state and its attempts to resist global capitalism. How this resistance has been shaped by local class and caste politics, regional differences, economic policies and performance are reviewed critically. Why there have been recent attempts to reintegrate India with the world economy and what it means for India's future are also addressed. [I]

TSMIN 420**Theories of Political Violence***5 credits*

Establishes broad, inclusive definitions of violence. Review of 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. [I]

TSMIN 421**Human Rights in Emerging Democracies: Eastern Europe and Latin America***5 credits*

Examines the role of human rights in the context of democratization. Compares emerging democracies in Eastern Europe with counterparts in Latin America and develops an understanding of the relationship between the two phenomena. [I]

TSMIN 424**Imperial China***5 credits*

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. [I]

TSMIN 425**Contemporary Issues in International Political Economy***5 credits*

As the 21st century opens, pressing issues confronting both industrialized and underdeveloped societies are addressed. Topics and themes will vary and may include one or more of the following: 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. [I]

TSMIN 432**Drugs, Mafias and the Arms Trade in Europe***5 credits*

Provides a history of the Sicilian Mafia, an analysis of the Mafia's economic activities; the connection to the Red (Russian) Mafia; the modern developments and financial laundering of dirty money; the arms trade, and the tangle of interests uniting warfare, drug trafficking and overall political destabilization. [I]

TSMIN 433**Exploring Nazism***5 credits*

Investigates the Nazi movement by looking at three key aspects of the phenomenon: society, finance and economics, and the revival of Germanic paganism. Examines the rise to power of Hitler and his followers cast against the social history of Germany and Europe from 1918 to 1938. [I]

TSMIN 434**The Pacific War***5 credits*

Traces the Pacific War, examining the emergence of modern Japan, the sources of conflict in Asia and between Japan and the United States, 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. [I]

TSMIN 435**Contemporary Geopolitics***5 credits*

This course explores geopolitical concepts and relates them to contemporary global issues and debates. It examines both the influence of geography on politics and the geography of politics. [I]

TSMIN 436**Contemporary Chinese Culture and Society***5 credits*

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. [I]

TSMUS 300**The Making of America***5 credits*

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. *Content and approach will vary with the instructor.* [I]

TSMUS 321**Civil War***5 credits*

Traces the reasons for the bloodiest of our wars, using contemporary and primary sources. Details the political and military strategies of both the North and South. Addresses the question of whether this war that cost the lives of over 600,000 Americans was a triumph or a tragedy. [I]

TSMUS 322**American Labor Since the Civil War***5 credits*

A history of workers and labor institutions from the era of industrialization to the postindustrial 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. The course will conclude with an assessment of labor today. [I]

TSMUS 325**Economics as a Way of Thinking***5 credits*

Examines the economic theory of individual choices, applying this theory to analyzing many economic phenomena. Emphasis on relating an understanding of economic theory to public policy issues, in particular the appropriate boundary between the public and private sector, environmental policy, education policy and tax policy. [I]

TSMUS 410**Early American Politics and Law***5 credits*

This course will explore American political history from a variety of perspectives. Topics will change from quarter to quarter and will include, but are not limited to: the American Revolution; Constitution and Bill of Rights; political party systems; Jacksonian democracy; nationalism and sectionalism; and American law and lawyers. *May be repeated for credit with instructor's approval.* [I]

TSMUS 413**Civil Rights, Civil Liberties***5 credits*

An examination of the historic personal and community rights, or lack thereof, embodied in the Constitution and Bill of Rights; focus will be 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.* [I]

TSMUS 416**Current Issues in U.S. Public Policy***5 credits*

Examines the economics of government finance in the United States including: tax policy, social security, health insurance, welfare and education. Analyzes the conditions under which governments, rather than markets, provide goods; discusses current government policies and programs, and how well they work; and analyzes proposed reforms. [I]

TSMUS 417**Urban Problems and Policies***5 credits*

Analytical and empirical study of the economics of urban problems and policies in the United States including: education, poverty, housing, crime, finance, congestion and welfare. Presents a historical background to trends in urban areas and how these have been addressed in different regions. Where applicable, class related to Pierce County. [I]

TSMUS 419**The Robber Barons and the Philosophy of Business***5 credits*

Analyzes the history of American business dynasties, the change affecting industry, society, finance and banking during the rise of Big Business, from 1870 to 1930, and the philosophical reflections on such transformations as they were expressed by the most inspired social scientists of that era. [I]

TSMUS 420**The Economics of Education***5 credits*

Examines topics in the economics of education, including how are schools financed and why; what determines the amount and distribution of individuals' educational attainment; debate over school vouchers; and the economic returns of education. [I]

TSMUS 421**Economics and the Environment***5 credits*

Examines the relationship between the economy and the environment and analyzes various theories and methodologies for evaluating trade-offs between the two. Studies local case studies of conflicts between economic activity and the environment. [I]

TSMUS 422**Economics of Sports***5 credits*

Explores sports economics. Uses economic theory and reasoning to examine issues central to professional sports, such the determination of salaries and whether or not the public subsidy of stadiums can be justified. [I]

TSMUS 423**American Retrospective***5 credits / Prerequisite: TSMUS 300 or equivalent*

Reflects upon and synthesizes past coursework of American Studies majors. Examines "American Exceptionalism"—the uniqueness (or lack thereof) of American civilization. Polishes writing, oral, analytical and group skills. *Enrollment is limited to IAS American Studies seniors.* [I]

TSMUS 467**United States History: 1945 to the Present***5 credits*

Examines U.S. history from 1945 to the 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. [I]

Independent Study Courses**TESC 496****Internship***1-10, max. 10 / Permission of instructor required*

Environmental Science internship in the public or private sector, supervised by a faculty member. Permission based on approval of proposal submitted in advance of the internship. *Offered for credit/no credit only.*

TESC 497**Senior Thesis***5 credits / Permission of instructor required*

A significant environmental science 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.

TESC 498**Directed Readings***1-5 credits, max. 15 / Permission of instructor required*

Individual advanced research projects with an environmental emphasis carried out under supervision of individual faculty member.

TESC 499**Undergraduate Research***1-10 credits, max. 15 / Permission of instructor required*

Individual advanced environmental science or studies research projects carried out under supervision of individual faculty member.

TIAS 496**Internship***1-5 credits, max. 10 / Permission of instructor required*

Internship in the public or private sector, supervised by a faculty member. Permission based on approval of proposal submitted in advance of the internship. *Offered for credit/no credit only.*

TIAS 497**Senior Thesis***5 credits / Permission of instructor required*

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.

TIAS 498**Directed Readings***1-5 credits, max. 15 / Permission of instructor required*

Individual advanced research projects carried out under supervision of individual faculty member.

TIAS 499**Undergraduate Research***1-5 credits, max. 15 / Permission of instructor required*

Individual advanced research projects carried out under supervision of individual faculty member.

Faculty**William Richardson****Director and Professor**

Interdisciplinary Arts and Sciences
Russia and the former U.S.S.R., Mexico;
Ph.D., University of California, Berkeley,
1976.

Luther Adams

Assistant Professor, Interdisciplinary Arts
and Sciences; History, Ph.D., University of
Pennsylvania, 2002.

Michael Allen

Professor, Interdisciplinary Arts and Sciences;
American History and Folklore; Ph.D.,
University of Washington, 1985.

Katie Baird

Assistant Professor, Interdisciplinary Arts
and Sciences; Economics of Social Issues,
Public Economics; Ph.D., University of
Massachusetts, 2000.

John Banks

Associate Professor, Interdisciplinary
Arts and Sciences; Applied Ecology,
Agroecology, Mathematical Biology, Plant-
Animal Interactions; Ph.D., University of
Washington, 1997.

James F. Brown

Professor Emeritus, Interdisciplinary Arts
and Sciences; Philosophy; Ph.D., New York
University, 1974.

Tyler Budge

Assistant Professor, Interdisciplinary Arts and
Sciences; Three-Dimensional Art, Sculpture;
M.F.A., Illinois State University, 2002.

Kima Cargill

Assistant Professor, Interdisciplinary Arts
and Sciences; Clinical Psychology, Ph.D.,
University of Texas at Austin, 2002.

Robert Crawford

Associate Professor, Interdisciplinary Arts
and Sciences; American and Cultural Studies;
Ph.D., University of Chicago, 1974.

Katherine Siân Davies-Vollum

Assistant Professor, Interdisciplinary Arts and
Sciences; Geology; D. Phil., St. Peter's College,
University of Oxford, 1994.

Linda Dawson

Lecturer, Interdisciplinary Arts and Sciences;
Aeronautical and Astronautical Engineering;
M.S., George Washington University, 1973.

Anthony D'Costa

Associate Professor, Interdisciplinary
Arts and Sciences; Political Economy,
International Development; Ph.D., University
of Pittsburgh, 1989.

Chris Demaske

Assistant Professor, Interdisciplinary Arts and
Sciences; Communication and Society; Ph.D.,
University of Oregon, 2002.

Steve DeTray

Lecturer, Interdisciplinary Arts and Sciences;
Political Science, Third World Development,
Nonprofit Studies; Ph.D., University of
Washington, 1995.

Cynthia Duncan

Associate Professor and Associate Director,
Interdisciplinary Arts and Sciences; Spanish,
Portuguese and Latin American Literature;
Ph.D., University of Illinois, 1983.

Michael Forman

Associate Professor, Interdisciplinary Arts
and Sciences; Modern European Thought
and Culture; Ph.D., Rutgers University, 1995.

James Gawel

Associate Professor, Interdisciplinary Arts
and Sciences; Environmental and Aquatic
Chemistry, Civil and Environmental
Engineering; Ph.D., Massachusetts Institute
of Technology, 1996.

Claudia Gorbman

Professor, Interdisciplinary Arts and Sciences; Film Studies, Comparative Literature, Women's Studies; Ph.D., University of Washington, 1978.

Cheryl Greengrove

Associate Professor, Interdisciplinary Arts and Sciences; Geoscience, Oceans, Atmospheres; Ph.D., Columbia University, 1986.

Mary Hanneman

Assistant Professor, Interdisciplinary Arts and Sciences; Asian History, Pacific Rim Studies; Ph.D., University of Washington, 1991.

Philip Heldrich

Assistant Professor, Interdisciplinary Arts and Sciences; Writing, English Literature and Small Press Publishing; Ph.D., Oklahoma State University, 1997.

Michael Honey

Professor, Interdisciplinary Arts and Sciences; American History, Labor and Ethnic Studies; Ph.D., Northern Illinois University, 1988.

Peter Horak

Professor, Interdisciplinary Arts and Sciences; Mathematics; Ph.D., Comenius University, Slovakia, 1980.

Trista Huckleberry

Assistant Professor, Interdisciplinary Arts and Sciences; Educational Psychology; Ph.D., University of Texas at Austin, 2002.

Emily Ignacio

Assistant Professor, Interdisciplinary Arts and Sciences; Sociology; Ph.D., University of Illinois at Urbana-Champaign, 1998.

Beth Kalikoff

Assistant Professor, Interdisciplinary Arts and Sciences; Composition Studies, Writing Pedagogy; Ph.D., Indiana University, 1983.

Michael Kalton

Professor, Interdisciplinary Arts and Sciences; Comparative Religion, East Asian Languages and Civilization; Ph.D., Harvard University, 1977.

Turan Kayaoglu

Assistant Professor, Interdisciplinary Arts and Sciences; International Politics; Ph.D., University of Washington, 2005.

Michael Kucher

Assistant Professor, Interdisciplinary Arts and Sciences; History; Ph.D., University of Delaware, 2000.

William Kunz

Assistant Professor, Interdisciplinary Arts and Sciences; Broadcast Communication; Ph.D., University of Oregon, 1998.

Rachel May

Associate Professor, Interdisciplinary Arts and Sciences; Latin American Studies; Ph.D., Tulane University, 1993.

Nita McKinley

Assistant Professor, Interdisciplinary Arts and Sciences; Developmental Psychology, Ph.D., University of Wisconsin-Madison, 1995.

Divya McMillin

Associate Professor, Interdisciplinary Arts and Sciences; Communications; Ph.D., Indiana University, 1998.

David Morris

Associate Professor, Interdisciplinary Arts and Sciences; American Literature; Ph.D., University of Washington, 1984.

Beverly Naidus

Associate Professor, Interdisciplinary Arts and Sciences; Two-Dimensional Art, Painting, Drawing and Digital Imaging; M.F.A., Nova Scotia College of Art & Design, 1978.

Jack Nelson

Professor, Interdisciplinary Arts and Sciences; Ph.D., University of Chicago, 1970.

Julie Nicoletta

Associate Professor, Interdisciplinary Arts and Sciences; Art History, Public History; Ph.D., Yale University, 1993.

Samuel Parker

Associate Professor, Interdisciplinary Arts and Sciences; Anthropology, Art History, Asian Studies; Ph.D., University of Chicago, 1989.

Guido Preparata

Assistant Professor, Interdisciplinary Arts and Sciences; Political Economy and Economic History; Ph.D., University of Southern California, 1998.

Deirdre Raynor

Assistant Professor, Interdisciplinary Arts and Sciences; American Literature, African-American Literature; Ph.D., University of Washington, 1997.

Johann Reusch

Assistant Professor, Interdisciplinary Arts and Sciences; Art History; Ph.D., University of California, Los Angeles, 1994.

David Secord

Associate Professor, Interdisciplinary Arts and Sciences; Marine Ecology, Evolution, Conservation Biology & Marine Invertebrates; Ph.D., University of Washington, 1995.

Emmett Joseph Sharkey

Associate Professor, Interdisciplinary Arts and Sciences; Comparative Literature; Ph.D., University of California, Davis, 1998.

Carolyn West

Associate Professor, Interdisciplinary Arts and Sciences; Clinical Psychology; Ph.D., University of Missouri-St. Louis, 1994.

BACHELOR OF SCIENCE

Nursing (R.N. to B.S.N.)

Philosophy of Undergraduate Education

The members of the Nursing faculty believe that the purpose of university-based undergraduate nursing education is to prepare professional nurses whose practice is informed by theory and research. The philosophy of the undergraduate curriculum is rooted in values of excellence, diversity, community, social justice, integrity and creativity. Preparation for the various roles in practice requires knowledge of the arts and sciences, together with content and processes foundational to the discipline. We are a community of learners and scholars—a community created in collaboration with students. The members of the faculty believe that their teaching styles need to take into account the diverse nature of how students learn. Ultimately, nursing education requires a commitment to community service, scholarly inquiry, interdisciplinarity and life-long learning.

Program Overview

Students in the B.S.N. program are registered nurses who have completed the initial phase of their education through an associate degree or diploma nursing program. As most students in the UWT 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 B.S.N. from UWT 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.

The B.S.N. 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.

Accreditation

Affiliated with the University of Washington School of Nursing at the Seattle campus, UWT's Nursing program is accredited by the Commission on Collegiate Nursing Education (CCNE).

Program Goals

Opportunities are provided to enable the learner to develop professionally and to meet the Nursing program goals, which are for graduates to:

- Communicate clearly and succinctly in speech and in writing.
- Promote effective communication between clients from various socio-cultural and linguistic backgrounds and representatives of the health care and social service systems.
- Demonstrate critical thinking, clinical decision-making and psychomotor skills necessary for safe and competent practice.
- Demonstrate cultural sensitivity as shown by thought processes and behavior.

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 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.

Phone: (253) 692-4470

Fax: (253) 692-4424

Office: Cherry Parkes 326

Campus box: 358421

Web site:

www.tacoma.washington.edu/nursing

Director: Marjorie Dobratz

Administrator: Nan West

Adviser: Dannah Madden

- Provide nursing care that preserves and enhances clients' dignity and perceived goodness of fit with the immediate and expected environments.
- Integrate methods of research and scholarship in making and prioritizing diagnoses and in planning, implementing and evaluating care of individuals, groups and communities.
- Assess health and incorporate principles and methods of health promotion and health education in nursing care of individuals, groups and communities.
- Accept accountability for their own expertise and for using that expertise to influence systems of care and health care policy.
- Demonstrate comfort with requirements for adaptation to changes in care settings.
- Demonstrate awareness of limitations in knowledge and actively seek learning opportunities to continue competent practice.

To support and document progress toward accomplishing these goals, each student is required to submit a portfolio of work completed during the student's residence at UWT. This work will become a part of the student's record of accomplishment in the program.

Essential Behaviors for Admission, Continuation and Graduation

The following amplifies requirements found in the University of Washington Student Conduct Code. For admission, continuation and graduation in their programs, students need to abide by the following specifications for behaviors and abilities. In this document, "students" pertains to all UW Tacoma Nursing students.

Communication

Students must communicate effectively and sensitively with patients and their families as well as with other students, staff, faculty, professionals, agency personnel, community residents and others relevant to their areas of study. Expression of ideas and feelings must be clear and appropriate. Students must demonstrate a willingness and ability to give and receive feedback.

Cognitive

Students must be able to reason, analyze, integrate, synthesize and evaluate in the context of the nursing activities of their programs/areas of study.

Behavioral/Emotional

Students must possess the emotional health required for the full utilization of intellectual abilities, the exercise of sound judgment and the timely completion of

responsibilities in their programs/areas of study. Further, students must be able to maintain mature, sensitive, and effective relationships with patients, students, faculty, staff, other professionals and agency personnel under all circumstances including highly stressful situations. Students must have the emotional stability to function effectively under stress and adapt to environments that may change rapidly without warning and/or in unpredictable ways as relevant to their programs or areas of study. Students must be able to demonstrate empathy for the situations and circumstances of others and appropriately communicate that empathy. Students must acknowledge that values, attitudes, beliefs, emotions and experiences affect their perceptions and relationships with others. Students must be able and willing to examine and change behaviors when they interfere with productive individual or team relationships. Students must demonstrate effective and harmonious relationships with the diverse academic, professional and community environments relevant to their chosen programs of study.

Professional Conduct

Students must possess the ability to reason morally and practice nursing in an ethical manner. They must be willing to learn and abide by professional standards of practice as well as regulations for professional licensure. Students must demonstrate the attributes of compassion, integrity, honesty, responsibility and tolerance.

Motor and Sensory Skills

Students need to have sufficient motor function and sensory skills to be able to execute movements and make observations required in the domain of nursing care or nursing activity in their chosen programs/areas of study.

Reasonable Accommodation for Disabilities

Students must be able to perform all the essential functions of the program with or without accommodation. A student who discloses a disability and requests accommodation will be referred to Disability Support Services (Tacoma). The student may be asked to provide documentation of the disability for the purposes of determining appropriate accommodations. The Nursing program will provide reasonable accommodations, but is not required to make modifications that would substantially alter the nature or requirements of the program. Questions regarding reasonable accommodation should be directed to Disability Support Services at (253) 692-4493, TTY (253) 692-4413 or e-mail dssuwt@u.washington.edu.

Admission Requirements

Applicants to the UWT B.S.N. 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 last year of an associate degree program in nursing
- One year of clinical practice (preferred, but not required)
- A cumulative GPA of at least 2.0 in all college coursework
- A minimum of 90 credits in associate and prerequisite coursework
- A minimum grade of 2.0 in each of the prerequisites shown in the chart on the next page.
- Advanced placement amounting to 45 credits earned through successful completion of **R.N. licensure examination**.
- Meets essential behaviors for admission.

Application Process

The UWT B.S.N. program has an annual admission process. Applications that meet the priority closing date of Feb. 15 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 for undergraduate admission and application fee submitted to UW Seattle. For admission in a quarter other than Summer, consult with the B.S.N. adviser before mailing application.
- Two official transcripts reflecting all previous academic and nursing coursework. High school transcripts should be submitted if foreign language was completed in high school.
- Goal statement addressing reason for pursuing a B.S.N., expectations and outcomes desired for the educational experience, and future educational or professional goals.
- Three recommendations: one from a supervisor attesting to clinical abilities; one from a supervisor, trainer or instructor addressing ability to learn; and a third from a peer or community or other contact.
- Résumé outlining nursing experience and/or academic clinical experience.

After admission to the program, students are required to complete a health history, possess required immunizations, current

CPR certification and unrestricted R.N. license. Students are responsible for their own transportation to and from practicum coursework and will be required to complete forms for the implementation of the Washington State Child Abuse and Adult Abuse Information Law (CAAL) related to Department of Health regulations. This includes completion of the Conviction/Criminal History Form and criminal background check processed through the Washington State Patrol.

Provisional admission is offered to students who are completing eligibility requirements for licensure as an R.N. in the state of Washington.

Pre-major Admission

Admission for Nursing coursework is in Summer and Autumn quarters. Pre-major admission is offered in all quarters. Students desiring to complete prerequisites or required electives prior to beginning required nursing coursework are encouraged to contact the Nursing program office to discuss pre-major admission.

Satisfactory Progress

Students are required to maintain satisfactory progress in their pursuit of the B.S.N. 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 and provide proof of valid R.N. licensure in the state of Washington before enrolling in any clinical course.

Full-Time vs. Part-Time

The B.S.N. program can be completed in four quarters as a full-time student (10 to 14 credits per quarter for four quarters) or on a part-time plan ranging from six to eight quarters (four to nine credits per quarter). Students who plan to work while attending UWT are encouraged to attend part-time or complete required electives and prerequisites before beginning required nursing coursework.

Scholarships

The Nursing program offers undergraduate and graduate scholarships for current students or students transferring to UWT. The scholarships are awarded to students who demonstrate both financial need and outstanding academic achievement. Contact the Nursing program office for more information at (253) 692-4470.

Graduation Requirements

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

- Satisfy all B.S.N. admission requirements.
- Complete all required Nursing courses.
- Complete 10 credits in electives at UWT.
- Complete a minimum of 180 credits distributed as follows:
 - 90 transfer credits
 - 45 advanced placement credits via R.N. licensure examination
 - 45 credits in residence at UWT:
 - 35 credits in required Nursing coursework (minimum 2.0 grade in each course)
 - 10 credits in required electives (minimum 2.0 grade in each course)
- Additional electives to meet a minimum of 180 credits (Nursing coursework at UWT used to satisfy this requirement must also be completed with a minimum grade of 2.0).

NURSING (B.S.N.) ADMISSION REQUIREMENTS	
Undergraduate class standing of junior	Washington state R.N. licensure and completion of an approved associate degree in Nursing or Washington state R.N. licensure and 90 transferable college credits. ¹
Foreign Language	Two years in high school of the same foreign language or 10 credits of one language at the college level.
Mathematics	Requirement fulfilled by advanced math or statistics .
Quantitative/Symbolic Reasoning [Q]	5 credits Requirement fulfilled by advanced math or statistics .
Writing	15 credits Must include 5 credits of English composition and 10 additional credits of writing-intensive coursework. ²
Visual, Literary and Performing Arts (Humanities) [V]	15 credits College-level foreign language credits can be applied toward this requirement.
Individuals and Societies (Social Science) [I]	15 credits May be completed at UWT.
The Natural World (Natural Science) [N]	28 credits Must include 4 credits of chemistry (CHEM 100 or 101), 10 credits of anatomy and physiology (can be met via examination), 3 credits of microbiology (can be met via examination), 5 credits of advanced math (can be petitioned) and 5 credits of statistics (can be taken at UWT).
Electives	To complete 90 transferable credits

¹ Provisional admission may be offered to students in the final year of an associate degree in Nursing program. Students with 75 transferable credits may be considered. Please contact an adviser for more information.

² 10 additional credits of writing-intensive coursework may also be met through coursework at UWT.

ADN-BSN-MN Study Option

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 undergraduate nursing courses with MN courses. The six credits of master's level coursework are counted as part of the 180 required undergraduate credits.

A program of study is planned that meets UWT BSN and MN graduation requirements. The BSN is awarded upon completion of the baccalaureate program. Once your baccalaureate degree is earned and you are accepted into the UW Graduate School, you then complete a 39-credit graduate program, rather than the standard 45-credit program.

To be considered for the accelerated ADN-BSN-MN study option, the student must have a:

- Cumulative GPA of 3.5 for all transfer college courses.
- GPA of 3.0 or higher for all nursing courses completed since UWT admission.
- Course grade of 3.5 or higher in TNURS 350, Critical Analysis and Writing to Improve Decision Making.

Full-time BSN students must indicate interest and begin the application process in the ADN-BSN-MN study option by the end of the first quarter of study. Notification of admission status for this accelerated program will be completed prior to Autumn Quarter.

Part-time BSN students must indicate interest and complete the application process in the ADN-BSN-MN study option by the end of Autumn Quarter in their first year. Notification of admission status for this accelerated program will be completed prior to Winter Quarter.

Application Process

Students must first be accepted into the UWT BSN program before applying for the ADN-BSN-MN study option. The application process is as follows:

- **Make an appointment with the BSN adviser.** Call (253) 692-4470 to schedule an appointment.
 - Full-time students must meet with the adviser by the end of Summer Quarter.
 - Part-time students must meet with the adviser by the end of Autumn Quarter year one.

- **Goal Statement.** The statement should be relative to the objectives of the MN program. This should include how the ADN-BSN-MN study option will assist you in meeting your professional goals. This should be a maximum of three pages.

- **UWT MN Application.** Complete the application for admission to the UWT Master of Nursing program.

- **References.** Two additional references are required for this program. One must be an academic reference and one from a clinical nursing supervisor. MN Request for Recommendation forms can be downloaded from this Web site: www.tacoma.washington.edu/nursing/mn/pdfs/MN_recommendation.pdf.

- **Résumé or CV.** The résumé should describe all work experience, including professional, volunteer and community activities, identify dates and positions and provide a brief description of responsibilities.

- **Criminal History Information and Authorization Form.** The Nursing program requires all students to complete a Washington State Patrol form and Criminal History Information sheet authorizing background checks before being considered for admission.

- **Graduate Record Exam (GRE).** All students must have official GRE scores by the completion of the BSN program.

- **Graduate School Application.** Complete the online application for admission to the UW Graduate School. The application is found at <https://www.grad.washington.edu/application/>.

- Full-time students must complete this application by the end of Winter Quarter.
- Part-time students must complete this application by the end of Winter Quarter in the second year of study.

Acceptance into the ADN-BSN-MN study option does not connote or imply automatic acceptance into the UW Graduate School. The student must meet the criteria for acceptance. Requirements are found at www.tacoma.washington.edu/nursing/mn/mn_admission.html.

Course Descriptions

See the Nursing Web page for the most current course information at www.tacoma.washington.edu/nursing.

Required Courses

TNURS 340 Clinical Nursing Phenomena 3 credits

Examines selected clinical phenomena from the perspective of physiologic, patho-physiologic, experiential and behavioral responses to life events and alterations in states of health and illness. Identifies relationship of nursing therapies to each perspective and influence of life span and socio-cultural factors.

TNURS 350 Critical Analysis and Writing to Improve Decision Making 3 credits

Focuses on critical thinking and writing relevant to learning and practice in nursing. Includes self-assessment, collaborative learning, problem solving approaches, and clinical decision making. Applies critical analysis to health-related issues.

TNURS 402 Families in Society 3 credits / Prerequisite: TNURS 350

Review of family and related theories with emphasis on the nature and analysis of families in society, including their growth, development and transitions across the life-span. Examines families within the context of concepts such as social support, loss and grief, violence, chronic illness and aging. Focuses on diversity in families, family assessment and family strengths.

TNURS 403 Introduction to Research in Nursing 3 credits / Prerequisite: TNURS 350

Describes the systematic steps of the research process. Introduces approaches, frameworks, and concepts used in investigating nursing problems. Emphasizes integration of research findings to establish evidence-based nursing practice. [Q]

TNURS 407 Diversity: Issues of Exclusion and Inclusion 3 credits

Examines the ways that difference is defined, used and experienced in society. Analyzes the intersections of multiple forms of oppression. Focuses on the ideological and institutional manifestations of oppression in U.S. society. Discusses diversity as a social context for nursing practice. [I] [V]

TNURS 408

**Individuals, Families and Groups:
Promoting Health Through Partnership**
3 credits / Prerequisites: TNURS 350 and
TNURS 402

Emphasizes working in partnership to facilitate health and well being of individuals, families and groups in the community. Focuses on social, cultural, political and economic factors that influence the well being of clients. Applies concepts and strategies through field experience in community settings. [I]

TNURS 409

Health, Communities and Populations
6 credits / Prerequisites: TNURS 350 and
TNURS 403

Introduces concepts and strategies used to promote health for communities and populations. Working in partnership with community members and agencies. Applies concepts and strategies through group work and field experience in community settings. [I]

TNURS 410

Ethical Issues in Clinical Practice
3 credits

Identifies ethical issues relevant to nurses and the profession of nursing. Uses multiple ethical perspectives to identify, describe, and analyze selected ethical dilemmas relevant to professional practice, the delivery of health care, and the health of individuals and populations. [I]

TNURS 412

Nursing and Health Care Systems
3 credits

Introduction to analyzing current health care systems and their effectiveness in achieving desired health outcomes for selected client populations. Emphasizes leadership behaviors and the role of nurses as advocates for system change.

TNURS 430

Interpersonal Relationships in Nursing
3 credits / Prerequisite: TNURS 350

Addresses communication skills, patterns and practices. Examines nonverbal and verbal modes of communication. Explores a variety of communication domains: cultural, personal, professional, group interaction and conflict. Emphasizes application of conceptual models in interpersonal processes. [I]

TNURS 450

Initial Connected Learning
1 credit, max. 9

Assists students with transition into their role as a BSN student and with the development of portfolios. Emphasis on problem solving for purposes of synthesizing, integrating, and deepening understanding about material students are learning in current courses. Opportunity to address mechanics of upper-division academic standards.

TNURS 451

Final Connected Learning
1 credit, max. 9

Dialogue with faculty and peers about professional goals and the effects of the BSN program on scholarship and practice. Discusses transition from the BSN program into a new role in professional practice.

TNURS 497

Selected Topics in Nursing
1-12 credits, 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.

TNURS 498

Special Project in Nursing
1-12 credits, 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.

TNURS 499

Undergraduate Research
1-5 credits, max. 12

Supervised individual research on a specific nursing problem.

Health-Related Courses**THLH 305**

Statistics: Learning from Data
5 credits / Prerequisite: *Intermediate algebra or permission of instructor*

Examines concepts and practice of statistics in health and social sciences. Emphasizes applications in the three major areas of statistical practice: data analysis, organizing and describing data; data production, sampling and design; and statistical inference, drawing conclusions. Uses working with genuine data to enhance abilities to actively apply statistical concepts. [Q]

THLH 410

Environmental Equity
3 credits

Explores the 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 justice. Offered jointly with TURB 410. [I]

THLH 420

Holistic Health
5 credits

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.

THLH 425

Violence in Intimate Partner Relationships
5 credits

The purpose of the course is to examine partner violence as a cumulative interactive experience that must be framed within a historical and social context. The course emphasizes current literature on conceptualizing gendered violence, theoretical perspectives of abuse in intimate relationships, and health issues and consequences of violence in intimate partner relationships.

THLH 430

Adolescent Health in Context
5 credits

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.

THLH 440

Business of Health Care
5 credits

Explores the forces driving the changes in the evolving U.S. health care 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.

THLH 450

Perspectives in Medical Anthropology
5 credits

This course is an introduction to the field of medical anthropology. We will examine the relationship between society, illness and healing by applying theoretical perspectives used by medical anthropologists. While examples from other cultures will be used, the goal of this course is to gain an understanding of Western society through a comparative approach to the symbolic, social and political construction of the body in illness and health. [I] [V]

ABOUT FULFILLING ADMISSION REQUIREMENTS

Some students are admitted to UWT before they have completed all of their admission requirements. Students may fulfill missing requirements in the Areas of Knowledge and Quantitative/Symbolic Reasoning through courses offered at UWT. Courses that fulfill these requirements are indicated with bold letters at the end of the course description: [V] Visual, Literary and Performing Arts (Fine Arts and Humanities); [I] Individuals and Societies (Social Sciences); [N] The Natural World (Natural Sciences); and [Q] Quantitative/Symbolic Reasoning.

THLTH 460
Strategies for Community Change
5 credits

Provides a framework for exploring the nature of social and community responsibility. Draws on strategies used in community organizing and development, the health profession's literature, and field experiences to focus on how people change the communities in which they live and what supports community action or inertia. Considers the intersection between traditions of activism, community experience and professional standing vis-a-vis change. Explores issues of social justice and change common to liberation movements in other countries. [I]

THLTH 470
Health Policy and Politics
2-5 credits, max. 5

Explores public and private forums in which health policy is formulated and within which the politics of health care operate. Discusses legislative and political mechanisms through active participation in the legislative process. [I]

THLTH 472
Human Health and the Environment
5 credits

Examines the literature on environmental factors that influence human health and survival. Physical, social, cultural, economic and political factors in the environment will be examined. Examines environmental factors at home (lead, radon), in work settings (occupational health and safety), in the community (pesticides, electromagnetic fields), and in the global context (decreased ozone depletion, global warming). One field trip. [I]

THLTH 480
Death and American Society
5 credits

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. [I] [V]

THLTH 485
Critical Issues in Global Health
5 credits

Reviews and analyzes current issues and trends in global health and the influence of economic, political and social factors on health and living conditions in countries across the globe. Considers transnational factors that shape risks to health and the structural conditions that determine a nation's vulnerability in a globalized economy.

THLTH 490
Special Topics
2-5 credits, max. 15

Advanced course offerings to respond to faculty and student interests and needs.

THLTH 498
Special Projects in Health
1-12 credits, 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.

THLTH 499
Undergraduate Research
1-5 credits, max. 12

Supervised individual research on a specific nursing problem.

Faculty

Marjorie Dobratz
Director and Professor

Nursing
R.N.; D.N.Sc., University of San Diego, 1990.

Jane Cornman

Senior Lecturer, Nursing; R.N.; Ph.D.,
University of Washington, 1988.

Kathleen Shannon Dorcy

Senior Lecturer, Nursing; R.N.; M.N.,
University of Washington, 1991.

Denise Drevdahl

Associate Professor, Nursing; R.N.; Ph.D.,
University of Washington, 1996.

Sharon Gavin Fought

Associate Professor, Nursing; R.N.; Ph.D.,
University of Texas, 1983.

Lorrie Grevstad

Lecturer, Nursing; R.N.; M.N., University of
Washington, 1976.

Eileen Hemman

Senior Lecturer, Nursing; R.N.; Ed.D., Seattle
University, 1998.

Kären Landenburger

Associate Professor, Nursing; R.N.; Ph.D.,
University of Washington, 1987.

June Lowenberg

Associate Professor, Nursing; R.N.; Ph.D.,
University of California San Diego, 1985.

Sondra Perdue

Senior Lecturer, Nursing; Dr.P.H., University
of California, Los Angeles, 1985.

Janet Primomo

Associate Professor, Nursing; R.N.; Ph.D.,
University of Washington, 1989.

Ruth Rea

Associate Professor, Nursing; R.N.C.; Ph.D.,
University of Texas at Austin, 1987.

Christine Stevens

Assistant Professor, Nursing; R.N.; M.P.H.;
Ph.D., University of Washington, 2004.

Cathy Tashiro

Assistant Professor, Nursing; R.N.; Ph.D.,
University of California San Francisco, 1998.

BACHELOR OF ARTS

Social Welfare

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.

The Bachelor of Arts degree in Social Welfare is designed for students in the South Puget Sound region who are committed to providing effective social services to populations experiencing social and economic difficulties.

Graduates with a degree in Social Welfare are prepared to accept professional social work positions in a variety of settings. Typical positions for social welfare graduates are those that serve children, families, older persons, individuals with developmental disabilities, persons with severe and persistent mental illness, individuals who abuse alcohol and drugs, and those who are in the criminal justice system, health and long-term care agencies, and public social services. In providing these services in agencies and organizations, graduates

are engaged in a wide range of roles, including as caseworkers, family advocates and social services employees at community agencies, mental health centers and chemical dependency settings.

Accreditation

The curriculum for the program mirrors the course of study that has been approved for the Bachelor of Arts degree in Social Welfare at the University of Washington, School of Social Work in Seattle. As the Bachelor of Arts degree in Social Welfare at UWT, and with regard to the requirements for accreditation by the Council of Social Work Education (CSWE), the course of study is prescribed accordingly and meets the standards for accreditation.

Admission Requirements

The UW Tacoma Social Welfare program 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 program (or students must have a plan in place to complete required courses prior to beginning classes at UWT). Please refer to the admission requirements grid on the next page.

To be considered for admission a student must meet the following minimum qualifications:

- A cumulative GPA of at least 2.0 in all college coursework.
- A GPA of at least a 2.0 or C grade or higher in each Social Welfare prerequisite course:
 - Introductory or survey course in psychology
 - Introductory or survey course in sociology
 - Introductory, survey, micro or macro course in economics
 - Human biology. Contact the Social Work program office for a list of approved courses or refer to the grid on page 10. Human biology must have been successfully completed within the last 10 years.
- 90 transferable college credits

OVERVIEW

Developed in collaboration with and under the auspices of the University of Washington School of Social Work, the Bachelor of Arts degree in Social Welfare prepares learners for entry level and generalist practice as providers of social services and includes a combination of field experience and classroom learning.

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Web site:

www.tacoma.washington.edu/social

Director: Marceline Lazzari

Administrator: Terri Simonsen

Adviser: Deana Holmes

Application Form

Transcripts

Admissions Essay

The Social Welfare Program Admissions Committee asks that each applicant write a two-page essay that follows the guidelines below. The essay should be typed, double-spaced with a font size of 12.

Please give a brief (one page maximum) autobiographical statement that supports your interest in a social work career. To the extent possible, include information regarding:

- Any specific obstacles that you have met or overcome
- Examples of leadership
- Other influences (either positive or negative) that shaped your interest in social work

Please describe volunteer or work experiences that relate to social services (one page maximum). Include a brief discussion of:

- Your duties as a social service provider
- What you learned from the experience
- How the experience has influenced your career goals
- Any involvement with disadvantaged populations
- Any involvement with social issues

The admissions essay is a critical element in the review of each applicant's qualifications. Applicants are urged to carefully follow the instructions provided regarding the essay and to be as thorough as possible within the essay length limits.

Résumé

Please provide a résumé of experience that includes the following:

- Any social service experiences (paid or volunteer)—dates and total hours of involvement
- Any special awards, achievements, honors that you may have earned
- Special skills (e.g., bilingual skills, artistic talent, research skills)

Social Welfare Requirements Form

On this form, students should list the courses they have taken (or plan to take) that will meet the Social Welfare admissions requirements.

Background Check Forms

- Washington State Patrol Request for Criminal History Information (*Complete Section C only*)
- Disclosure Statement
- Authorization for Repeat Background Checks and Dissemination of Results

Curriculum Objectives

Graduates of the Bachelor of Arts program in Social Welfare are expected to:

- Apply entry-level social work practice skills to individuals, families, groups, communities and organizations
- Demonstrate a professional use of self and the ability to use supervision and consultation

- Practice effectively within agencies and delivery systems and to identify, plan and pursue needed agency and system improvements
- Demonstrate knowledge of and commitment to social work values and ethics
- Demonstrate understanding and tolerance for differences based on gender, ethnicity, religious creed, sexual orientation, class, and physical and developmental disabilities
- Understand the ways in which oppression, discrimination and social and economic disadvantage put people in need of social work intervention
- Understand the strengths and empowerment perspectives in social work practice and research

SOCIAL WELFARE ADMISSION REQUIREMENTS

Undergraduate class standing of junior	Completion of an approved associate's degree (academic transfer degree) or 90 transferable college credits.
Foreign Language	Two years in high school of the same foreign language or 10 credits of one language at the college level.
Mathematics	Three years of high school math through intermediate (second year) algebra or a course in intermediate algebra at the college level.
Quantitative/Symbolic Reasoning [Q]	5 credits E.g., symbolic logic, college-level algebra, statistics, pre-calculus, microeconomics or macroeconomics. Other courses may apply.
Writing	15 credits Must include 5 credits of English composition and 10 additional credits of writing-intensive coursework. ¹
Visual, Literary and Performing Arts (Humanities) [V]	15 credits College-level foreign language credits might apply toward this requirement.
Individuals and Societies (Social Science) [I]	15 credits Must include 5 credits of introduction, survey, micro or macro course in economics and 5 credits each of Introduction to Psychology and Introduction to Sociology . ²
The Natural World (Natural Science) [N]	15 credits Must include an approved course ³ in human biology taken within the last ten years. An introductory five-credit statistics course, taken within the last five years, must be completed before entering the senior year (may be completed at UWT). ²
Electives	To complete 90 transferable credits

¹ Writing-intensive coursework may also count toward the Humanities, Social Science or Natural Science requirements. May also be met through coursework at UWT.

² Minimum 2.0 grade required in each of these courses.

³ Contact the program for a list of approved courses or refer to the Social Welfare overview publication.

- Understand the history of the American social welfare system, the emergence of the social work profession, and the relations between the two
- 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 client systems, workers and agencies
- Apply knowledge of bio-psycho-social variables that affect individual development and behavior and use theoretical frameworks to understand the interactions among individuals and between individuals and social systems (i.e., families, groups, organizations, and communities)
- With the help of supervision, demonstrate knowledge and skills in the basic processes of scientific inquiry to guide and evaluate practice
- Understand the ethical application of information technology in generalist social work practice
- Apply basic critical thinking skills to generalist social work practice
- Use effective oral and written communication skills with a range of client populations, colleagues and members of the community

Course of Study

The required core curriculum must be taken in sequence over a two-year period. The Social Welfare curriculum consists of a 90-credit program comprised of these major areas:

- Foundation courses
- Social work practice courses
- Practicum combined with practicum seminars
- Social welfare electives
- General electives

Students will be required to complete 15 credits of social welfare approved electives, including a statistics course at UWT. Applicants who have completed statistics with a grade of 2.0 or better within the last five years will not be required to take a statistics course at UWT.

Model Program of Study

To help prospective students understand the sequencing of the Social Welfare curriculum, the Model Program of Study (right) shows a typical progression for the degree. Please note, students with admission

MODEL PROGRAM OF STUDY

YEAR 1

Autumn

TSOCWF 300	Social Welfare: Historical Approaches (3)
TSOCWF 310	Social Welfare Practice I (3)
TSOCWF 402	Human Behavior and Social Environment I (3) Elective* (5)

Winter

TSOCWF 311	Social Welfare Practice II (3)
TSOCWF 320	Social Welfare: Contemporary Approaches (3)
TSOCWF 403	Human Behavior and Social Environment II (3) SW elective from approved list* (5)

Spring

TSOCWF 312	Social Welfare Practice III (3)
TSOCWF 404	Cultural Diversity and Social Justice (5) SW elective from approved list* (5)

Summer

Electives* (10)

YEAR 2

Autumn

TSOCWF 390	Introduction to Social Welfare Research (5)
TSOCWF 405	Practicum Seminar (3)
TSOCWF 415	Practicum (4)

Winter

TSOCWF 405	Practicum Seminar (3)
TSOCWF 415	Practicum (4) SW elective from approved list* (5)

Spring

TSOCWF 405	Practicum Seminar (3)
TSOCWF 415	Practicum (4) Electives* (8)

TOTAL: 90 credits

*Required social welfare electives from approved list and other general electives may be taken at times other than those designated above, schedule permitting.

Note: Statistics is a required course for the BASW program; if the course has not been completed with a 2.0 or C grade or better within the last five years, students must take it prior to TSOCWF 390. If the student completes an upper-division (300-400 level) statistics course at UWT, that credit will meet the requirement for the BA program and may be counted towards an upper-division general elective or an approved Social Welfare elective. If the student chooses to complete a lower-division (100-200 level) statistics course, then that credit will meet the requirement for the BA program, but will not count towards upper-division credits required for graduation.

requirements or Social Welfare prerequisite deficiencies must meet with the program adviser regarding completion and scheduling of deficiencies. Also, students who have not completed at least 20 credits of Visual, Literary or Performing Arts (VLPA) or 20 credits of Natural World (NW) distribution within their lower-division coursework must meet with the program adviser regarding selection of appropriate courses within an elective category to complete requirements.

Social Welfare core courses (TSOCWF) must be taken in sequence as noted. Matriculated students may take Social Welfare electives and general electives at any time. Many students choose to take social welfare and/or general electives during the summer between the first and second year in the program.

Social Welfare Practicum

In addition to classroom instruction, students are required to complete 400 hours of practicum experience in an outside agency or organization under the supervision of a qualified social worker. In the practicum settings, students gain experience in such roles as advocate, case manager, change agent, group leader and organizer. They may assist a chemically-dependent person in changing destructive behavior patterns; help a battered woman find a safe, stable environment; support a person with mental illness in living independently in his or her community; marshal resources to enable a person with a physical disability to enter mainstream society; foster or find a safe environment for an abused child; advocate for housing for homeless people; or help a community organize itself to prevent neighborhood problems.

Academic Standards

To maintain satisfactory progress in the Social Welfare program, an admitted student must meet the following criteria:

- **Maintain a 2.5 cumulative GPA in required Social Welfare courses and a 2.0 cumulative UWT GPA.** A student whose Social Welfare cumulative GPA falls below 2.5 in any quarter will be placed on academic probation. Once on academic probation, the student must contract with the Social Work program director to formulate an action plan for improving his or her GPA and attain at least a 2.75 GPA for each succeeding quarter until the Social Welfare GPA is raised to a 2.5. Students who continue on probation will be reviewed by the director and may be suspended from the program for low scholarship.

A student is removed from probation at the end of the quarter in which a Social Welfare GPA of 2.5 or better is achieved and a UWT cumulative GPA of 2.0 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.

Required Social Welfare courses are TSOCWF 300, 311, 312, 320, 390, 402, 403, 404, 405 and 415.

- **Satisfactorily complete the first year required courses before proceeding into the practicum and practicum seminar.** Social Welfare students are guaranteed access into first- and second-year TSOCWF required courses. To begin the practicum (TSOCWF 415), the student's TSOCWF 311 instructor must recommend that the student is ready for placement.

- **Maintain continuous enrollment.** A student who begins the program and then withdraws from the University for more than one quarter (excluding Summer Quarter) will have to re-apply to the program to be re-admitted. If re-admitted, the student must meet with the program director to prepare a revised program of study. The director will determine which courses may or may not be applicable to the current curriculum and which courses must be completed for the degree.

Graduation 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.
- Complete a recent introductory statistics course with a minimum grade of 2.0. Please see a program adviser for details.
- Complete a minimum of 180 credits, 90 of which must be upper-division (300-400 level) coursework. At least 45 of the last 60 credits of upper-division work must be taken in residence at UWT.
- Maintain a minimum cumulative GPA of 2.5 in all required Social Welfare coursework.
- Earn a minimum grade of 2.0 in each required departmental course.
- Have a minimum 2.0 GPA for all UWT coursework at graduation.
- Complete 52 credits of core courses in Social Welfare to include:

TSOCWF 300 Social Welfare: Historical Approaches
TSOCWF 310 Social Welfare Practice I
TSOCWF 311 Social Welfare Practice II
TSOCWF 312 Social Welfare Practice III
TSOCWF 320 Social Welfare: Contemporary Approaches
TSOCWF 390 Introduction to Social Welfare Research
TSOCWF 402 Human Behavior and the Social Environment I
TSOCWF 403 Human Behavior and the Social Environment II
TSOCWF 404 Cultural Diversity and Justice
TSOCWF 405 Practicum Seminar
TSOCWF 415 Practicum

- Complete 15 credits of approved Social Welfare electives.
- Complete 23 credits of additional (general) electives.
- Apply for graduation with a program adviser by the deadline posted by the Social Work program for the expected date of graduation.

Course Descriptions

For the most current course information, please consult the Social Work Web site: www.tacoma.washington.edu/social.

TSOCWF 300

Social Welfare: Historical Approaches 3 credits

Stresses the origin of social welfare policies, beginning with the Elizabethan Poor Law of 1601. Issues of poverty, as well as the development of publicly-funded income maintenance programs, and an understanding of the historical roots of social work are central to this course. *Required for all Social Welfare majors. Open to non-majors. [I]*

TSOCWF 310

Social Welfare Practice I 3 credits

Provides an introduction to the roles, tasks and functions of the social welfare practitioner and to theories and methods of intervention; a conceptual framework for social work practice with individuals, families and small groups; and an opportunity to develop skills in problem assessment, intervention, termination and evaluation. *Required for all Social Welfare majors.*

TSOCWF 311

Social Welfare Practice II 3 credits / Prerequisite: TSOCWF 310

Provides an introduction to the roles, tasks and functions of the social welfare practitioner and to theories and methods of intervention; a conceptual framework for social work practice with individuals, families and small groups; and an opportunity to develop skills in problem assessment, intervention, termination and evaluation. *Required for all Social Welfare majors.*

TSOCWF 312

Social Welfare Practice III 3 credits / Prerequisite: TSOCWF 311

Focus on macro systems in a diverse society using the generalist perspective. The implications of system resources and configurations for meeting human needs are considered. The role and function of generalist social workers to understand and advocate for system development and change is emphasized. *Required for all Social Welfare majors.*

TSOCWF 320**Social Welfare:
Contemporary Approaches***3 credits / Prerequisite: TSOCWF 300*

Current policy and program developments in the social welfare field. Topics include income maintenance proposals, the emergence of programs to treat specific social dysfunctions (mental health services) and the growth of a service-oriented society. *Required for Social Welfare majors. Open to non-majors. [I]*

TSOCWF 350**Biopsychosocial Human Services***3 credits*

Examination of human life at the cellular level contextualized through the social environment. Emphasis upon cells, systems and individual development and functioning. Coverage of relevant theoretical frameworks commonly used in biological sciences, human services and social work will be used to address biological issues with clients in social and community contexts. *Open to non-majors. [N] [I] [W]*

TSOCWF 351**Applied Statistics for
Social and Human Services***5 credits*

Application of 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. *Open to non-majors. [N] [Q]*

TSOCWF 352**Women in the Criminal Justice System***5 credits*

Explores the history, societal impact and future of women within the U.S. criminal justice system. Focuses on factors which contribute to female incarceration including poverty, physical and sexual victimization, chemical dependency and major mental illness. Gender-responsive strategies designed for advocacy and empowerment address major economic and social justice issues. *Open to non-majors.*

TSOCWF 390**Introduction to Social Welfare Research***5 credits / Prerequisite: Completion of an introductory statistics course with a 2.0 (C) grade or higher*

Introduction to the logic of the scientific method as applied to social work/welfare practice, design and conduct of a research study, data collection and summarization. Skill development in critical consumption of social welfare research. *Required for all Social Welfare majors.*

TSOCWF 402**Human Behavior and
the Social Environment I***3 credits*

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. [I]*

TSOCWF 403**Human Behavior and
the Social Environment II***3 credits / Prerequisite: TSOCWF 402*

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. *Required for Social Welfare majors. [I]*

TSOCWF 404**Cultural Diversity and Justice***5 credits*

History and culture of disadvantaged and oppressed groups served in social welfare generalist practitioners. *Required for Social Welfare majors. Open to non-majors. [I]*

TSOCWF 405**Practicum Seminar***3-9 credits / Prerequisite: TSOCWF 312*

Integrates social work practicum experiences with prior and concurrent coursework in social sciences, social work and research. Includes discussion of class presentations and simulations of practice situations that combine knowledge and skill utilization. Student logs provide a basis for individual goal identification and achievement. *Open only to Social Welfare seniors.*

TSOCWF 409**Readings in Social Welfare***1-5 credits; max. 15*

Student-oriented, individually contracted projects on topics of interest in social welfare not covered by other Social Welfare offerings.

TSOCWF 415**Practicum***12 credits / Prerequisite: TSOCWF 312*

Students are placed in selected social service agencies and accept beginning social service assignments under the supervision of competent agency personnel. *Open only to Social Welfare seniors. Credit/no credit only.*

TSOCWF 420**Interpersonal Violence and Society***5 credits*

Explores interpersonal violence from both sociological and psychological frameworks. Understanding of the nature, dynamics and effects of interpersonal violence and the threads that connect personal and community violence. Will evaluate how best to prevent and decrease the amount of violence in society. *Open to non-majors. [I]*

TSOCWF 422**Aging in American Society***5 credits*

Covers physical and psychological processes of aging. Social aspects of aging related to family roles, cultural and social support and use of health and social services will be included. Home- and community-based services and how those services may need to change in the 21st century will be reviewed. *Open to non-majors. [I]*

Faculty**Marceline M. Lazzari****Director and Professor**

Social Work

Feminist Social Work Practice, Education and Administration, Human Diversities, Qualitative Research; Ph.D., University of Denver, 1990.

Kathryn A. Amundson

Assistant Professor, Social Work; Clinical Social Work; Ph.D., University of Denver, 1996.

Thomas M. Diehm

Senior Lecturer, Social Work; Field Education, Community Mental Health, HIV/AIDS, Gay Men's Issues; Ph.D., Portland State University, 2004.

Carol J. Donaldson

Teaching Associate, Social Work; Child Welfare Training and Advancement Program Practicum Instructor; Child Welfare; M.S.W., University of Washington, 1999.

Charles A. Emler

Associate Professor, Social Work; Aging, Medical Social Work, Public and Mental Health, HIV/AIDS; Ph.D., Case Western Reserve University, 1998.

ABOUT FULFILLING ADMISSION REQUIREMENTS

Some students are admitted to UWT before they have completed all of their admission requirements. Students may fulfill missing requirements in the Areas of Knowledge and Quantitative/Symbolic Reasoning through courses offered at UWT. Courses that fulfill these requirements are indicated with bold letters at the end of the course description: **[V]** Visual, Literary and Performing Arts (Fine Arts and Humanities); **[I]** Individuals and Societies (Social Sciences); **[N]** The Natural World (Natural Sciences); and **[Q]** Quantitative/Symbolic Reasoning.

Marian S. Harris

Assistant Professor, Social Work; Kinship Care, Child Welfare and Mental Health; Ph.D., Smith College, 1997.

Robert L. Jackson

Associate Professor, Social Work; Rural and Community Mental Health, Group Work, Direct Social Work Practice; Ph.D., University of Utah, 1991.

Janice H. Laakso

Associate Professor, Social Work; Welfare Reform and Child Support Policy, Women's Issues, Medical Social Work, Gerontological Social Work, Cultural Diversity, Social Justice Issues; Ph.D., University of Texas at Austin, 1999.

A. Myrth Ogilvie

Assistant Professor, Social Work; Social Work and Social Research, Direct Social Work Practice, Attachment Disorders; Ph.D., Portland State University, 1999.

Teacher Certification (K-8)

IMPORTANT NOTE:

Beginning in Summer Quarter 2006, subject to Graduate School approval, the Education Program will be offering its Teacher Certification program as a component of the Master of Education program. The recently admitted 2005-06 cohort will be the last cohort to enter the fifth-year program.

The University of Washington, Tacoma offers a field-based, elementary (K-8) teacher certification program. Students are admitted to the program each summer and progress as a cohort through the program. The Teacher Certification program is designed to prepare educators to implement the Washington State Student Learning Goals and Essential Academic Learning Requirements.

In support of Washington's ongoing public school reform, our program employs sound educational research and theory, which provide structure and content to our curriculum and instruction. We want to ensure that our graduates have a positive impact on student learning.

This program is intended to prepare teachers for urban school teaching. UWT has established partnerships with school districts in the South Puget Sound region. Cooperating teachers and university faculty members work together to provide interns with a program that ensures integration of

course content with hands-on experience. Site placements in partnership schools begin in late summer and continue through the following Spring Quarter.

The curriculum 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.

As teaching interns, students will become a part of instructional teams and will experience the daily life of schools and students for the entire public school year. Within this collaborative model of school-university cooperation, interns will gradually take on increasingly responsible roles in classrooms. Their experience will culminate with a quarter of full-time teaching in the spring.

Admission Requirements

- Bachelor's degree from a regionally-accredited university or college. Applicants who are in the final quarter or semester of their undergraduate work may apply for provisional admission, but must hold a bachelor's degree before beginning the Teacher Certification program.
- A cumulative grade-point average of at least 3.0 calculated from the applicant's final 90 graded quarter credits or 60

graded semester credits. Applicants who do not meet this requirement may be eligible for admission depending on the quality of their academic work and educational experience with elementary-school-aged children.

- One official sealed transcript from each collegiate institution attended. Upon admission, a second transcript showing the conferral of your bachelor's degree must be submitted before you enroll. (If the student's baccalaureate degree is from the University of Washington, a second transcript is not necessary.)
- Courses in the subject areas listed below must have been completed. All courses must be 100-level or above and have been completed with a grade of 2.0 or better.
 - **Writing**
 - **Literature**
 - **Math:** Courses that cover the essential areas of number sense, measurement, algebraic sense.
 - **Life Science:** Courses in biology, botany, zoology, physical anthropology or environmental science
 - **Physical Science:** Courses in astronomy, chemistry, geology, physics, environmental science or oceanography

OVERVIEW

The University of Washington, Tacoma offers a field-based, elementary (K-8) teacher certification program. The program is a full-time, fifth-year course of study and extensive field experience designed for people who hold a bachelor's degree. Students are admitted to the program each summer and progress as a cohort through the program. The Teacher Certification Program is designed to prepare educators to implement the Washington State Student Learning Goals and Essential Academic Learning Requirements.

Phone: (253) 692-4430

Fax: (253) 692-5612

Office: WCG 324

Campus box: 358435

Web site:

www.tacoma.washington.edu/education

Director: Ginger MacDonald

Administrator: Sara Contreras

Field Placement Coordinator:

Mary Kubiszewski

Certification Specialist/Adviser:

Anne Davis

- **Science Lab** must be taken with either life or physical science course.
- **U.S. History**
- **Geography:** Courses that cover geographic landforms, climate, populations, cultures.
- **Art:** Courses in art appreciation, history or applied courses in the visual or performing arts.
- **Child, Adolescent or Lifespan Development:** Study of psychological development to include social, emotional, intellectual and physical development of humans.
- **Technology**

- A personal goal statement of one or two pages that describes why the student would like to teach. The goal statement is an important part of the application because it allows the student to share a part of herself or himself that the Application Committee typically would not see in the GPA.
- A résumé of professional experience, educational background and other relevant information including volunteer experience is required.
- Two confidential, sealed letters of recommendation submitted on behalf of the applicant from individuals who can speak to the candidate's commitment, academic ability and potential as a teacher.
- 40 hours of documented experience (minimum) within the last five years in a public school classroom.
- Graduate Record Exam (GRE) scores.
- Washington Educator Skills Test - Basic (WEST-B) scores. For more information on the test, go to www.west.nesinc.com.

Selected finalists will be invited for a personal interview.

Due to certification changes mandated by the state, additional prerequisites may be required. Please contact the program for the most current information.

Those admitted to the program will also be required to complete the Character and Fitness Supplement Form. This form and clearance through the Washington State Patrol and the FBI are required by the Washington Office of the Superintendent of Public Instruction for certification candidates.

Application materials must be received by early March. Please contact the program office for the exact date. Application forms and related materials are available on the Education Web site at www.tacoma.washington.edu/education or by calling (253) 692-4430.

Course Descriptions

For the most current course information, please consult the Education program Web site: www.tacoma.washington.edu/education.

TEDUC 451 Beginning and Remedial Reading 3 credits

This course is designed to provide students with both the theoretical and empirical foundations for designing and delivering beginning and remedial instruction. Content covered in the course includes assumptions underlying the two major approaches to beginning reading instruction, evaluation and modification of curriculum materials, and methods for monitoring student progress towards literacy.

TEDUC 452 Literature and Content Reading 3 credits

This course is intended to help prospective teachers acquire pedagogy in teaching students how to construct meaning from literature and informational texts.

TEDUC 453 Topics in Literary Instruction: Language Arts 3 credits

This course is designed to provide a theoretical and empirical basis for teaching language arts to K-8 students. Content covered in this course includes the writing process and the integration of writing with reading and the content areas. Evaluation and modification of curricular materials to meet the needs of diverse students as well as methods of monitoring student progress are also addressed.

TEDUC 460 Mathematics Methods I 3 credits

Provides students with the ability to conceptualize mathematics, the skills for learning to teach mathematics and a sense of confidence in mathematics. Students actively engage in many activities, including exploring patterns, making conjectures, solving problems, communicating understanding and making the learning of mathematics accessible to all students in K-8 classrooms.

TEDUC 461 Mathematics Methods II 3 credits / Prerequisite: TEDUC 460

Designed to give preservice teachers an introduction to the issues, methods and materials they will encounter when they begin teaching mathematics. Preservice teachers learn to systematically teach basic K-8 math skills. Focuses on instructional procedures and content proven effective in teaching mathematics to all students, but also outlines instructional approaches effective for students who may be at risk for academic failure.

TEDUC 462 Social Studies Methods 3 credits

This course is intended to help prospective teachers acquire the knowledge and skills to teach the democratic ideal, cultural diversity, economic development, global perspective and participatory citizenship in their classrooms.

TEDUC 463 Arts in the Schools 3 credits

This course will explore 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.

TEDUC 464 Science Methods 3 credits

This course is intended to help prospective teachers understand the nature of science and design instructional strategies to facilitate students' learning of the scientific process.

TEDUC 471 Diversity and Equity in Schools and Curriculum 3 credits

This course is intended to help prospective teachers acquire instructional methods and multicultural understanding necessary to address the learning needs of a diverse student population.

TEDUC 472 Teaching Students with Special Needs 3 credits

Covers the theoretical, conceptual and empirical bases for preservice teachers to meet the needs of a diverse student population including students with disabilities and highly capable students. Emphasizes the translation of theory into practice by using classroom examples, curriculum analyses and required readings.

TEDUC 473 Classroom Assessment 3 credits

This course is intended to help teachers explore various forms of assessment and understand their effects on students.

TEDUC 475**Classroom Management and Discipline**
3 credits

This course is designed to give preservice teachers problem prevention and problem-solving strategies that will enable them to promote academic success. Students will learn specific classroom strategies for creating a positive school environment, increasing positive interactions and improving student motivation for learning.

TEDUC 476**Technology for Teaching**
3 credits

An introduction to the technological resources available for classroom use, with emphasis on effective use in instruction.

TEDUC 481**Reflective Seminar**

1 credit, max. 3 credits

This seminar is intended to provide guided inquiry into the nature and social context of teaching and learning, as contrasted with the pragmatics of other components of the Teacher Certification Program. Its content will be drawn heavily from observations and experiences in the intern's site placement. Must be taken in Autumn, Winter and Spring quarters, one credit per quarter.

TEDUC 482**Schools in American Society**

3 credits

A sustained inquiry into the social, political, and economic foundations of schools, with an emphasis on their historical development and mission, the major public-policy issues currently facing schools, school law, and the relationship of forms of schooling and curriculum to democratic ideals.

TEDUC 483**Health Education and Child Abuse Issues**

3 credits

Theoretical and practical foundation for designing and integrating health instruction into the K-8 curriculum using a holistic approach that involves mental, physical and affective domains. Crucial background information about educators' responsibilities regarding detection and reporting of child abuse and neglect under Washington state law.

TEDUC 490**Service Learning Practicum in Education**

3 Credits

Service-learning approach introducing undergraduate students to the profession of teaching. Examines experiences and responsibilities in teaching/learning through directed K-8 classroom observations, and university instruction, using individual/group reflection. Required for completing IAS Education minor. Meets prerequisite of 40 hours of experience for entry into UWT Teacher Certification Program. *Credit/no credit only.*

TEDUC 491**Field Experience I**

2 credits / Prerequisite: site placement

Observation and participation practicum in assigned public school classrooms under University supervision.

TEDUC 492**Field Experience II**

1-5 credits, max. 5 credits / Prerequisite:

satisfactory completion of TEDUC 491

Practicum in teaching in assigned public school classrooms under University supervision. Assignments will include small- and large-group instruction to demonstrate specific skills and understanding.

TEDUC 493**Field Experience III**12 Credits / Prerequisite: *satisfactory**completion of TEDUC 492*

Full-time teaching practicum in assigned public school classrooms.

TEDUC 496**Internship**

1-5 credits, max. 10 credits

A supervised internship in the public or private sector. Ordinarily, students will participate in a preparatory seminar prior to the on-site internship to prepare the proposal. During the internship, students will meet regularly with faculty for critical reflection on the experience and readings. *Credit/no credit only. Permission of instructor required.*

Faculty**Ginger L. MacDonald***Director and Professor*

Education

Counseling/Psychology; Ph.D., University of Washington, 1990.

Kathleen M. Beaudoin

Assistant Professor, Education; Special

Education; Ph.D., University of British Columbia, 1999.

Gregory J. Benner

Assistant Professor, Education; Special

Education/Emotional and Behavioral Disorders; Ph.D., University of Nebraska-Lincoln, 2003.

Robert W. Howard

Assistant Professor, Education; Cultural

Foundations; Ed.D., Harvard University, 1986.

Diane B. Kinder

Associate Professor, Education; Elementary

Education; Ph.D., University of Oregon, 1987.

Richard K. Knuth

Assistant Professor, Education; Educational

Administration (secondary area in Business Administration); Ph.D., University of Washington, 1983.

Belinda Y. Louie

Professor, Education; Reading, Language

Arts; Ph.D., University of Washington, 1991.

José M. Rios

Associate Professor, Education; Science

Education/Zoology; Ph.D., University of Wisconsin, 1995.

Marcy L. Stein

Professor, Education; Special Education/

Learning Disabilities; Ph.D., University of Washington, 1988.

BACHELOR OF ARTS

Urban Studies

Overview

The course of study explores both the theoretical nature of societies and the practical application of becoming actively involved in the process of change or improvement. Course topics include society and culture, housing, urbanization, environment, planning, race and poverty, and economic development and sustainability. All of these can be enhanced by field experience, internships, study-abroad programs and community service or research projects. A strong research component is required so the application of theory may be tested in a real-world situation. This prepares strong graduates to enter the workforce or continue their education with graduate or professional study in fields ranging from planning and design to law, public administration, public policy and education.

Students who complete the program may qualify for a wide variety of jobs in the public and private sectors including housing, community development, planning, transportation, government or human services.

An academic minor or certificate can complement the major so as to broaden students' understanding of topics including nonprofit management, environmental studies, public history, education, human

rights, restoration ecology, computing and software systems and geographic information systems (GIS).

Students are encouraged to participate in Urban Studies foreign study tours, exchange programs or to have an international focus/perspective in their coursework.

Educational Emphasis

Urban Studies has built its curriculum around four program goals, which are to:

- Provide students with a broad understanding of the problems and prospects of our metropolitan areas
- Equip students with the knowledge and skills necessary to pursue careers related to the multi-faceted nature of urban studies
- Serve as a resource, through service and research, to communities in the South Sound region
- Guide students to effectively analyze the social and cultural worlds that constitute the urban

Overall objectives of the program:

- Provide an understanding of the form and function of cities
- Instill an awareness of problems and issues confronting metropolitan areas
- Provide an interdisciplinary curriculum that allows students to understand the complex interrelationships that make up the urban environment and permits them to approach problems from a variety of perspectives
- Equip students with the analytical skills needed to undertake research in an urban milieu

Learning outcomes:

- Approach urban issues from an interdisciplinary perspective
- Apply analytic and quantitative skills to assess and develop strategies to analyze and resolve urban issues
- Compare and contrast approaches used in designing and undertaking research in urban studies
- Demonstrate effective written and oral communication skills
- Demonstrate appreciation for the diverse nature of urban populations and the social justice issues many of these populations face

OVERVIEW

The Urban Studies program at the University of Washington, Tacoma offers a course of study leading to a bachelor of arts degree. This program takes an interdisciplinary approach to the social, economic, historical, environmental and political processes and issues affecting urban areas.

Phone: (253) 692-5880

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Office: WCG 324

Campus box: 358437

Web site:

www.tacoma.washington.edu/urban_studies

Director: Brian Coffey

Administrator/Adviser: Kim Davenport

Minor

A minor in Urban Studies is available to undergraduate students in other degree programs. Please see the “Minors and Certificates section beginning on page 99.

Admission Requirements

All students who have completed the admission requirements with a cumulative GPA of 2.0 and at least 90 credits will be considered for admission.

Educational Qualifications

- A cumulative grade-point average (GPA) of 2.0 in all college coursework. Applicants with a completed application and a minimum GPA of 2.50 will be given priority consideration for admission.
- Completion of the admission requirements shown in the chart below.

Personal Goal Statement

A one- to two-page personal statement is required with the undergraduate application. The personal statement should address the student’s motivation for pursuing an Urban Studies degree, address how the degree can blend the student’s educational and career goals, list involvement in community-based activities and personal/professional accomplishments, describe personal strengths and experiences that support the student’s interest and commitment for the degree. This is also where the student should address any weaknesses on transcripts or explain adversity experienced that affected previous academic performance.

The statement must include the student’s name, address, telephone number and e-mail address. It should also indicate the desired quarter of admission and whether the applicant wishes to attend full-time or part-time. The personal statement is an important part of the application and will be used to assess the student’s qualifications and fit with the program.

Transcripts

Two official transcripts must be submitted from each college and university attended, even if no credit was earned. Failure to submit a complete set of transcripts may result in denial of admission or dismissal from the University. If you took a foreign language or intermediate algebra in high school and are using that to fulfill the foreign language or mathematics requirement, you must submit one official high school transcript as well.

Application for admission will not be considered until a completed application,

transcripts and personal goal statement have been received.

Selection Criteria

Urban Studies candidates are evaluated on the following criteria:

- Completion of all Urban Studies admission requirements
- Personal goal statement
- Previous academic performance

Course of Study

The Urban Studies program admits students every quarter except summer. The curriculum consists of 58 to 61 credits of required coursework:

- Core courses (33-36 credits)
- Core electives (25 credits)

In addition to the core areas, students will be required to complete general electives at UW Tacoma. Students may focus on an in-depth area of study (i.e. minor or certificate) or explore the liberal arts, business

administration, social work, education, or health-related fields.

Core

Urban Studies students begin their course of study with 33 to 36 credits of required foundation courses that offer an introduction to the nature of cities and the field of urban studies; diversity issues as associated with race, class and gender within cities; and a techniques course (statistical analysis, qualitative methods, or geographic information systems).

- TURB 301 The Urban Condition (5) or TURB 310 Urban Society & Culture (5)
- TURB 316 Cities and Citizenship (5)
- TURB 320 Introduction to Urban Planning (5)
- TURB 430 Pacific Rim Cities (5) or TURB 460 Urban Issues in the Developing World (5)
- TURB 492 Urban Studies Capstone Seminar (5)

URBAN STUDIES ADMISSION REQUIREMENTS

Undergraduate class standing of junior	Completion of an approved associate’s degree (academic transfer degree) or 90-105 transferable college credits.
Foreign Language	Two years in high school of the same foreign language or 10 credits of one language at the college level.
Mathematics	Three years of high school math through intermediate (second year) algebra or a course in intermediate algebra at the college level.
Quantitative/Symbolic Reasoning	5 credits E.g., symbolic logic, college-level algebra, statistics, pre-calculus, microeconomics or macroeconomics. Other courses may apply. ¹
Writing	15 credits Must include 5 credits of English composition and 10 additional credits of writing-intensive coursework. ²
Visual, Literary and Performing Arts (Humanities)	15 credits College-level foreign language credits can be applied toward this requirement.
Individuals and Societies (Social Science)	15 credits
The Natural World (Natural Science)	15 credits
Electives	To complete 90-105 transferable credits

¹ Students who enrolled in college prior to Autumn 1985 are exempt from this requirement.

² Writing-intensive coursework may also count toward the Humanities, Social Science or Natural Science requirements.

■ *One of the following techniques courses:*

- Quantitative Methods/Statistics (5)
- Qualitative Methods (5)
- Maps and GIS (6)

■ *One of the following courses:*

- TURB 315 Homes, Housing and Homelessness (3)
- TURB 415 Urban Government and Organizations (5)
- TURB 479 Planning and Development in the Puget Sound Region (3)

Core Electives

Students must complete 25 credits from the Urban Studies approved core elective list:

- TBGEN 314 Interpersonal Skills (5)
- TBGEN 412 Ethical Issues for Business (5)
- TBGEN 433 Managing Organizational Diversity (5)
- TBUS 310 Effective Managerial Communication (5)
- TCSIG 445 The Metropolis (5)
- TCSIIN 342 Third World Cities (5)
- TCSIIN 438 Urbanization and the Environment (5)
- TCSIUS 335 Social Class and Inequality (5)
- TCSIUS 428 Labor, Race, Gender and Poverty: Research and Readings (5)
- TCSIUS 431 Community Organizations and the Nonprofit Sector (5)
- TCSIUS 433 Organizational Structures in Nonprofit Environments (5)
- TCSIUS 436 History of Social Welfare Policy in the U.S. (5)
- TCSIUS 437 Doing Community History (5)
- TCSIUS 443 Ethnicity and the Urban Landscape (5)
- TCSIUS 445 History of Tacoma (5)
- TCSIUS 450 Black Labor (5)
- TCSIUS 451 Essentials of Grant Writing and Fundraising (5)
- TCSIUS 452 Minorities and the Law (5)
- TCXG 379 Modern Architecture (5)
- TCXUS 376 American Architecture (5)
- TCXUS 478 Literature of the Harlem Renaissance (5)
- TEDUC 540 At-Risk Students: Critical Issues (3)
- TGIS 311 Maps and GIS (6)
- THLTH 460 Strategies for Community Change (3)
- THLTH 501 Race, Racism and Health (3)
- TMGMT 348 Leading the Nonprofit Organization in the 21st Century (5)
- TMKTG 348 Social Marketing (5)
- TNURS 407 Diversity: Issues of Exclusion and Inclusion (3)
- TNURS 504 Communities, Populations and Health: An Overview (3)
- TSMUS 417 Urban Problems and Policies (5)
- TSOCWF300 Historical Approaches to Social Welfare (5)
- TSOCWF404 Cultural Diversity and Justice (3)
- TSOCWF420 Interpersonal Violence and Society (5)
- TSOCW 501 Social Policy and Economic Security (3)

- TSOCW 504 Cultural Diversity and Societal Justice (3)
- TURB 312 Race and Poverty in Urban America (5)
- TURB 314 Gender and the Urban Landscape (5)
- TURB 315 Homes, Housing and Homelessness (3)
- TURB 316 Cities and Citizenship (5)
- TURB 321 History of Planning Theory and Practice (5)
- TURB 322 Land-Use Planning (5)
- TURB 330 City Worlds (5)
- TURB 379 Urban Field Experience (5-15)
- TURB 399 International Urban Studies (3-15)
- TURB 405 Images of the City (3)
- TURB 410 Environmental Justice (3)
- TURB 415 Urban Government and Organizations (5)
- TURB 420 Cities and the Constitution (5)
- TURB 430 Pacific Rim Cities (5)
- TURB 450 Sustainable Development (5)
- TURB 460 Urban Issues in the Developing World (5)
- TURB 479 Planning and Development in the Puget Sound Region (3)

General Electives

Students must complete 17-32 credits of general electives. Transfer credits from other institutions may apply toward general electives. The Urban Studies program will accept a maximum of 105 transfer credits. An adviser will evaluate transcripts upon request.

Program Standards

The following standards apply to all admitted students in the Urban Studies program. These standards may be in addition to other academic standards at UW Tacoma.

- Students must satisfactorily complete all Urban Studies core and core elective coursework by achieving a minimum 2.0 grade point average in each 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.
- If a grade below a 1.7 is received in a general elective course, it will not count toward their graduation, but they are *not required* to repeat the course.
- Core and core elective courses may not be taken by correspondence (distance learning).
- Core and core elective courses may not be taken S/NS (satisfactory/not satisfactory).
- Upper-division courses completed at

other accredited four-year institutions may be applied toward the general elective requirement. Adviser transcript evaluation available upon request.

- Upper-division courses considered for transfer credit are held to the 1.7 grade standard.

Graduation Requirements

To qualify for graduation with a Bachelor of Arts degree in Urban Studies from the University of Washington, Tacoma, each student must complete the following requirements:

- Be a matriculated Urban Studies student in good academic standing with the University of Washington, Tacoma.
- Satisfy all Urban Studies admission requirements for graduation.
- Complete all Urban Studies core and core elective coursework with a minimum 2.0 grade-point average in each class.
- Maintain a minimum *cumulative* grade-point average of a 2.0.
- Complete 180 credits, at least 75 of which must be upper-division (300-400 level) coursework.
- Complete at least 45 of last 60 credits *in residence* at the University of Washington, Tacoma.
- Apply for graduation with an Urban Studies adviser by the application deadline posted by the department.

Course Descriptions

For the most current course information, please consult the Urban Studies program Web site: www.tacoma.washington.edu/urban_studies.

TURB 301 **The Urban Condition** 5 credits

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. This course is designed to serve as the introductory course for urban studies majors. [I]

TURB 310 **Urban Society and Culture** 5 credits

An examination of the social structure of cities. Issues related to class, race, ethnicity and gender are discussed. The impact of societal differences on urban form, residential patterns and labor markets is considered. [I]

TURB 314 **Gender and the Urban Landscape** 5 credits

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. Integration of theoretical positions and ideas into students' work is emphasized. [I]

TURB 315 **Homes, Housing and Homelessness** 3 credits

This course provides a hands-on introduction to issues of housing and homelessness, focusing on the South Puget Sound region. Topics include the meaning of "home," the political economy of public housing, the rise and expansion of suburbia, the cultural significance of gated communities and the persistence of homelessness in our cities. Students will gain an in-depth understanding of these issues in our area through organized class field trips and research projects. *Fulfills a core or core elective requirement depending on chosen program plan.* [I]

TURB 316 **Cities and Citizenship** 5 credits

Addresses inequality in urban spaces through the concept of citizenship and ideas about "rights to the city." 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. [I]

TURB 320 **Introduction to Urban Planning** 5 credits

Introduction to the planning process. The major planning sub-fields are presented and discussed. Included are topics in housing, transportation, recreation, environmental planning and preservation planning. Techniques associated with growth controls and land-use management are examined. Introductory course for students whose emphasis will be in planning, and a prerequisite for other planning-related courses. [I]

TURB 321 **History of Planning, Theory and Practice** 5 credits

An examination of planning theory and practice with an emphasis on 20th-century theorists and advocates. The impacts of planning theories and movements on planning practice and urban form are examined. [I]

TURB 322 **Land-Use Planning** 5 credits / Prerequisite: TURB 320, TURB 321 or permission of instructor

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. [I]

TURB 330 **City Worlds** 5 credits

Examines world urbanization and the shifting geographies associated with economic restructuring and globalization. Ethnicity, gender, urban form, local governance strategies and resistance to those strategies are considered. Includes examples from cities in both the developed and developing worlds. [I]

TURB 379 **Urban Field Experience** 5-15 credits, max. 15

Designed as a field course to be offered during the summer. Based in a city sufficiently different from the Tacoma metropolitan area to expose students to a distinct "urban laboratory." These differences will revolve around city size/structure in that major metropolitan centers will be selected as sites for the course. In addition, cultural differences will be a consideration in that many of the offerings will be in foreign cities. Examples of anticipated locales are New York, Mexico City, London, and Amsterdam. Course content will vary depending on the destination. The course is part of the newly developed Urban Studies program and is intended to enhance students' perspectives on urbanism through an experience that provides an in-depth

look at a global city. Intended to increase students' ability to critically assess urban issues and problems through direct observation/experience. Further, through interaction with experts from the local area, the course is designed to acquaint students with the techniques practitioners use to address urban issues.

TURB 389 **Foreign Study** 12 credits

Intended for students arranging full-time study-abroad programs. Students will enroll in this course for the study-abroad term. Upon completion, credit from foreign universities is evaluated and assigned to UWT course equivalents, replacing TURB 389.

TURB 399 **International Urban Studies** 3-15 credits

Courses taken through UWT Urban Studies foreign study program for which there are no direct University of Washington, Tacoma course equivalents.

TURB 405 **Images of the City** 3 credits

Examines how the city is portrayed through various mediums 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. [I]

TURB 410 **Environmental Justice** 3 credits

Explores the 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 justice. *Offered jointly with THLTH 410.* [I]

TURB 415 **Urban Government and Organizations** 3-5 credits

Examines the structure and workings of urban government and non-governmental agencies and organizations. Considers the relationship between non-governmental and governmental organizations along with their impact on the physical and social development of the city. [I]

TURB 420 **Cities and the Constitution** 5 credits

Examines the Constitutional rights to freedom of expression in the public institutions and public places of cities. Considers rights to freedom of expression as they exist in a variety

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of forums—from streets and parks to schools, shopping malls, university sporting events and the property surrounding prisons. Analyzes interactions among rights and community interests. [I]

TURB 450
Sustainable Development
5 credits

Examines the global goal of sustainable development within the context of rapid urbanization. Emphasizes best practices in Europe, North America, Asia and Africa. Examines major environmental challenges and innovative development initiatives designed to meet those challenges.

TURB 479
Planning and Development in the Puget Sound Region
3 credits

Examines the problems and prospects associated with rapid growth in the Seattle-Tacoma urban region. 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. [I]

TURB 492
Urban Studies Capstone Seminar
5 credits

An interdisciplinary approach to the study of urban issues and problems. The course is designed to provide the opportunity for in-depth analysis of selected issues. Each seminar will focus on one aspect of the city (e.g. gentrification, housing, segregation, sprawl). *This course serves as a capstone course in the Urban Studies Program.*

TURB 494
Undergraduate Research
1-15 credits, max. 15

Undergraduate Research is intended to afford students the opportunity to undertake independent research. Collaboration with a faculty member on a project of mutual interest is encouraged. Goals are to strengthen skills in research design, improve student understanding of the appropriate application of research techniques and methodologies, and enhance writing skills.

TURB 496
Community Service Project
3-15 credits, max. 15

Under the direction of a faculty member students propose and develop a project intended to benefit the local community. The purpose of the course is to encourage students to think about new strategies in dealing with urban problems or to devise new methods of assisting disadvantaged groups. Students may develop and implement their project by working with a particular governmental unit or not-for-profit organization or they may work independently.

TURB 498
Urban Internship
3-15 credits, max. 15

Offers students an opportunity to gain experience and increase their understanding of the urban environment by working with a government agency, not-for-profit organization or private-sector firm. Students apply the skills and knowledge gained in the classroom to urban problems/issues.

TBGEN 314
Interpersonal Skills
5 credits

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. Students will learn to make better choices in interpersonal communication, develop positive working relationships in organizations, and improve quality of workplace outcomes. Emphasizes communication and professionalism.

TBGEN 412
Ethical Issues in Business

5 credits / Prerequisites: TBUS 300 and TBUS 320 or permission of instructor

Explores the moral principles and community standards by which businesses are judged and assesses the impact management decisions have on the business and on society. Focus is on the conflict between the economic performance of the firm and the social performance of the firm. Emphasizes communication, integrated business knowledge and strategic thinking.

TBGEN 433
Managing Organizational Diversity

5 credits / Prerequisite: TBUS 300 and TBUS 310, or permission of instructor

Focuses on key behavioral, social and organizational requisites needed to cultivate competency in managing diversity. Provides experiential opportunities to discover and improve understanding about the self and others. Key interests include skills and strategies needed to manage and support increasingly diverse organizations.

TBUS 310
Effective Managerial Communications
5 credits

Focuses on developing and using oral and written communication skills in an organizational environment. Provides students with opportunities to communicate clearly and concisely in writing, make persuasive presentations, listen to the ideas and opinions of others, and provide and receive constructive feedback. Students will utilize and further develop abilities to function as productive team members and to appreciate and understand diversity in the work place. Emphasizes communication and professionalism.

TCSIG 445
The Metropolis
5 credits

This course examines the problems and opportunities associated with the development of the metropolis. The focus will be on the 20th century, and the individual city selected will change depending on the quarter the course is offered. The course will begin with an examination of such general issues associated with large cities as economic base, transport, social conditions, culture and government, then will move on to consider in detail one city. [I]

TCSIIN 342
Third World Cities
5 credits

Develops a framework to compare the phenomenal growth of selected Third World cities. The course introduces their historical legacy, their previous ties to colonial rulers, and the pressures for them to remain the centers of capitalist production. Studies the spatial, ethnic and class divisions in these cities. The urban “bias” and subsequent concentration of economic, political and cultural power resulting in mass misery in all its ramifications are examined in terms of political and survival struggles. [I]

TCSIIN 438
Urbanization and the Environment
5 credits

The scope of the course will include ancient civilizations of the Near East, Greece, Rome, medieval and early modern Europe, as well as present-day cities in North America. Topics will center on the evolution of urban infrastructure and its changing impact on the environment. Students will write a research paper. [I]

TCSIUS 335
Social Class and Inequality
5 credits

Study of the changing class structure in U.S. society. This course will examine different types of inequality and different explanations for them, asking: how and why wealth, power and prestige are unequally distributed in society; how inequality is experienced in terms of contrasting life chances and perceptions; how class inequality is related to racial, ethnic and gender inequalities; and how social movements that strive for equality take place. [I]

TCSIUS 428
Labor, Race, Gender and Poverty: Research and Readings
5 credits

Analyzes the intersection of labor, race, gender and poverty issues and explores research on organizing work within labor and community organizations. Student internships are an option, but not required. [I]

TCSIUS 431
**Community Organizations
and the Nonprofit Sector**
5 credits

Examines issues specific to the nonprofit sector, including community organizations, service learning, nonprofit management and community development. Human service agency leaders will be brought in to share their expertise with the class. A core course for the Nonprofit Management minor and the Certificate in Nonprofit Management. [I]

TCSIUS 437
Doing Community History
5 credits

Involves the student in researching the history of the community, with particular focus on ethnic diversity. Students will do primary research in libraries; interview residents; transcribe/edit oral memoirs; and write history. Students learn basic research skills, as well as sensitivity to community values and concerns. *May be repeated with instructor's permission.* [I]

TCSIUS 443
Ethnicity and the Urban Landscape
5 credits

This course focuses on the intersection of ethnicity, architecture and urbanism in the United States. Using a variety of primary and secondary sources, we will examine the concept of ethnic identity and the creation of a sense of place in urban environments. Students will use local neighborhoods as a starting point for their own investigations of ethnicity and the urban landscape. [I]

TCSIUS 445
History of Tacoma
5 credits

A survey of the history and fabric of Washington state's second largest urban center. Topics will include early settlements, Tacoma as the Pacific terminus of the Northern Pacific Railroad, commercial and social currents in the era of populism, ethnic, and political struggle as recurring forces, the development of regional institutions such as Fort Lewis, the Port of Tacoma, local governments, and locally based corporations. The course will place particular emphasis on architecture, urban planning and growth, and the physical, built environment of the City of Destiny. [I]

TCSIUS 450
Black Labor
5 credits

Provides both 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. [I]

TCSIUS 451
**Essentials of Grant Writing
and Fundraising**
5 credits

Studies fundraising for nonprofit organizations. Provides an overview of the best practices, systems, and management principles underlying successful fundraising programs. Includes primary development vehicles and techniques, developing an annual plan and a case statement, and grant writing. [I]

TCSIUS 452
Minorities and the Law
5 credits

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 people of color. [I]

TCXG 379
Modern Architecture
5 credits

Examines 20th-century architecture and its origins. Through slide lectures, readings and field trips, we will focus on issues concerning style, technology, urbanism, regionalism, functionalism, Fundamentalism and reform to address the diverse forces that have shaped modern architecture. [V]

TCXUS 376
American Architecture
5 credits

Examines the architecture of the United States from early Native American structures to late 20th-century building. Through slide lectures, readings, and field trips, we will focus on issues concerning style, technology, regionalism, functions, and reform to address the diverse forces that have shaped and continue to shape American architecture. [V]

TCXUS 478
Literature of the Harlem Renaissance
5 credits

This course examines the images, themes and characterizations in literature written by African Americans during the Harlem Renaissance. The Harlem Renaissance encompasses literature, visual art, and politics that reflect the integrationist and nationalist schools of cultural, political, economic and social thought. Writers include Johnson, Hughes, Hurston, Fauset, Larsen, Thurman and McKay. [V]

TEDUC 540
At-Risk Students: Critical Issues
3 credits

This course is designed to provide several perspectives on the education of at-risk students and students with disabilities. The first half of the course will focus on issues of identification, assessment and instructional delivery. The second half of the course will emphasize the role teachers play in reducing academic failure and increasing the opportunity for success in school. Upon completion of the course, students will have a stronger understanding of the problems and issues faced by at-risk students and students with disabilities in public schools.

TGIS 311
Maps and GIS
6 credits

Serves as an introduction to map interpretation and basic spatial analysis through the use of geographic information systems (GIS). Emphasis will be on developing, through hands-on experience, a fundamental understanding of GIS and the technical expertise necessary for applying GIS to a variety of real-world scenarios in such fields as environmental science, urban planning, nursing, social work and business.

THLTH 460
Strategies for Community Change
5 credits

Provides a framework for exploring the nature of social and community responsibility. Draws on strategies used in community organizing, development and health professions' literature as well as field experiences to focus on how people change the communities in which they live and what supports community action or inertia. Students are challenged to consider the intersection between traditions of activism, community experience, and professional standing vis-a-vis change. Issues of social justice and change common to liberation movements in other countries are explored.

THLTH 501
Race, Racism and Health
3 credits

Explores the roles race and racism play with respect to health outcomes for U.S. populations. Focuses on the way in which racial privilege and racial oppression shape people's lives. Considers the medical and scientific constructions of categories of race and ethnicity, how race has been used in science, and the health consequences of racism.

TMKTG 348
Social Marketing

5 credits / Prerequisites: TBUS 300, TBUS 320
Focuses on the preservation or enhancement of individual and social well-being. Applies marketing principles within a social context to public agencies and nonprofit institutions.

TNURS 407
**Diversity: Issues of Exclusion
and Inclusion**
3 credits

Examines the ways that difference is defined, used and experienced in society. Analyzes the intersections of multiple forms of oppression. Focuses on the ideological and institutional manifestations of oppression in U.S. society. Discusses diversity as a social context for nursing practice. [I] [V]

TNURS 504
**Communities, Populations and Health:
An Overview**
3 credits

Focuses on the conceptualization, analysis and application of the concepts of community, populations and health. Discusses theories and models of current and potential community health practice. Examines sociocultural concepts for their interrelationship with and impact upon communities, populations and health.

TSMUS 417**Urban Problems and Policies***5 credits*

Analytical and empirical study of the economics of urban problems and policies in the United States including: education, poverty, housing, crime, finance, congestion and welfare. Presents a historical background to trends in urban areas and how these have been addressed in different regions. Where applicable, class related to Pierce County. [I]

TSOCWF 300**Social Welfare: Historical Approaches***3 credits*

Stresses the origin of social welfare policies, beginning with the Elizabethan Poor Law of 1601. Issues of poverty, as well as the development of publicly-funded income maintenance programs, and an understanding of the historical roots of social work are central to this course. *Required for all Social Welfare majors. Open to non-majors.* [I]

TSOCWF 404**Cultural Diversity and Justice***5 credits*

History and culture of disadvantaged and oppressed groups served in social welfare generalist practitioners. *Required for Social Welfare majors. Open to non-majors.*

TSOCWF 420**Interpersonal Violence and Society***5 credits*

Explores interpersonal violence from both sociological and psychological frameworks. Understanding of the nature, dynamics and effects of interpersonal violence and the threads that connect personal and community violence. Will evaluate how best to prevent and decrease the amount of violence in society. *Open to non-majors.* [I]

TSOCW 501**Social Policy and Economic Security***3 credits*

This course, presented during the first quarter of the Foundation year, is designed to familiarize students with the U.S. social-welfare system and its historical, philosophical and cultural foundations within a social work context. The nature of social policy and economic security is explored in relation to income-maintenance programs, particularly social insurance and social-assistance programs, and the impact upon them of racism, classism and sexism. Attention is directed to issues of poverty, inequality, unemployment, disability and homelessness, as well as to the future of the American welfare state.

TSOCW 504**Cultural Diversity and Societal Justice***3 credits*

This course provides students with the knowledge needed for social work practice with disadvantaged and oppressed groups overrepresented in public sector practice. The course presents information regarding the history and status of people of color, women, individuals with disabilities, gay men and lesbians, and poor and working-class people. A major theme of the course is to provide an opportunity for exploration of how

prejudice, discrimination and exclusion affect the experiences of members of these groups. Another theme is the unique strengths and capacities within each group that should be recognized and utilized in effective social work practice. The course also provides students with a framework for developing a social-change orientation for working toward social justice and equality.

Faculty**Brian Coffey****Director and Professor**

Urban Studies

Geography; Ph.D., University of Oregon, 1982.

Tom Carlson

Assistant Professor, Urban Studies; Geographic Information Systems; Ph.D., University of California, Davis, 2003.

Yonn Dierwechter

Assistant Professor, Urban Studies; Ph.D., London School of Economics, 2001.

Lisa Hoffman

Assistant Professor, Urban Studies; Ph.D., University of California, Berkeley, 2000.

Minors and Certificates

Applied Computing Minor

Contact an adviser in the Institute of Technology at (253) 692-5860 to learn more about this minor.

The minor in Applied Computing does not require computer proficiency or prerequisites. This minor consists of five courses: three core courses designed to offer depth in computing skills and concepts and two to encourage breadth of experience.

Requirements

The Applied Computing minor requires **25 credits** to include:

- TINST 310 Computational Problem Solving
- TINST 311 Database Management and Data Analysis
- TINST 312 Computer Networks and the Internet

The remaining two courses encourage breadth of experience and must include:

- At least one elective in the CSS program. Possible topics include:
 - Technology in the Service of Society
 - Technical Writing
 - Data Modeling
 - Human Computer-Interface
 - Cybersecurity
 - Graphics
 - Entrepreneurship
 - Information Assurance
- One of the following course options:
 - A second CSS elective
 - An approved computing-oriented elective in any UWT program
 - An independent study project supervised by a CSS faculty member

Note: Some required courses might be taken out of sequence to accommodate student schedules.

Asian Studies Minor

Contact an adviser in Interdisciplinary Arts and Sciences at (253) 692-4450 to learn more about this minor.

The Asian Studies minor offers students the opportunity to develop a well-rounded understanding of the countries and cultures of Asia. The courses enable students to fit the Asian experience into a theoretical context of global patterns of modernization and economic development while focusing on specific historical and cultural elements in Asian countries.

Requirements

The Asian Studies minor requires **30 credits** to include:

- 10 credits from the following list of framework courses:
 - TCOM 430 Global Networks, National Identities
 - TCOM 460 Communication and National Development
 - TSMG 313 Theories of Economic Development and Social Change
 - TSMIN 418 Interpreting Enigmatic India
 - TSMIN 424 Imperial China
 - TSMIN 322 Comparative Perspectives on East Asian and Latin American Development
 - TSMIN 436 Contemporary Chinese Culture and Society
- 20 credits from the following list of content courses:
 - TCXIN 381 Society, Self and Worldview in the Arts of India
 - TCXIN 382 Society, Self and Worldview in the Arts of China
 - TCXIN 383 Society, Self and Worldview in the Arts of Japan
 - TIBCIN 367 East Asian Religions: Zen and Taoism
 - TIBCIN 463 God: East and West
 - TSMIN 412 History of Vietnam
 - TSMIN 413 Pre-modern Japan
 - TSMIN 414 Modern China
 - TSMIN 415 Modern Japan
 - TSMIN 416 Modern Korea
 - TSMIN 434 The Pacific War

Computing and Software Systems Minor

Contact an adviser in the Institute of Technology at (253) 692-5860 to learn more about this minor.

A minor in Computing and Software Systems is available for students majoring in other UWT programs. The minor consists of 30 credits and is designed for students interested in applying computer programming to their chosen primary profession. The course of study provides non-CSS majors with the necessary programming and software management skills to work within a software development environment. The CSS minor offers students the opportunity to learn a variety of programming languages and advanced software applications.

Prerequisites

- Matriculated status within the University of Washington
- Calculus
- Probability/Statistics
- Fundamentals and Theory of Object-Oriented Programming (or approved two-quarter programming sequence with emphasis in structured and object-oriented paradigms)
- Upper-division, writing-intensive course, preferably technical writing

Requirements

The CSS minor requires **30 credits** to include:

- TCSS 321: Discrete Structures
- TCSS 342: Mathematical Principles of Computing I
- TCSS 343: Mathematical Principles of Computing II
- TCSS 360: Software Development and Quality Assurance Techniques
- Two additional CSS 400-level courses

Education Minor

Contact an adviser in *Interdisciplinary Arts and Sciences* at (253) 692-4450 to learn more about this minor.

The Education minor allows students to increase their awareness of employment opportunities in educational settings. Selected coursework can also be applied to the UW Tacoma Teacher Certification Program (TCP) as well as meet undergraduate elective requirements.

Students pursuing an Education minor:

- Develop broad perspectives on educational issues
- Work closely with professors, teachers and others interested in public education and schooling
- Get a head start on postbaccalaureate Teacher Certification

Students completing the Education minor are encouraged to apply for the Teacher Certification program. However, completion of the minor does not guarantee admission.

Requirements

The minor in Education requires a minimum of **29 credits** of coursework including a 14-credit core. Students who are interested in pursuing teacher certification may apply 6 credits of specified coursework toward certification requirements upon completion of the Education minor. Any course taken for the purpose of fulfilling a Teacher Certification program curriculum requirement or prerequisite must be passed with a 2.0 minimum grade. A 3.0 GPA is required for admission to the Teacher Certification program. Students should consult with a program adviser prior to enrolling in classes.

- Education Core (14 credits):
 - TPSYCH 320 Theories of Child Development (or equivalent)*
 - TEDUC 471 Diversity and Equity in Schools and Curriculum**
 - TEDUC 482 Schools in American Society**
 - TEDUC 490 Service Learning Practicum in Education*
- Electives (15 credits):

Select one course each from lists A, B and C.

Children and Youth (List A):

 - TCOM 458 Children and Television
 - TPSYCH 312 Child and Adolescent Abnormal Psychology
 - TPSYCH 321 Adolescent Psychology
 - TPSYCH 401 Family Violence

Other elective courses may apply. Consult an adviser for details

* Course also fulfills TCP prerequisite.

** Course also fulfills a TCP curriculum requirement.

U.S. History and Diversity (List B):

- TCSIUS 342 African-American History: Jim Crow Era to Martin Luther King Jr.
- TCSIUS 349 Minorities and Higher Education in American History
- TCSIUS 441 Black Freedom Movement in Perspective
- TCSIUS 443 Ethnicity and the Urban Landscape
- TCXUS 338 Hispanics in the United States
- TIBCUS 459 African-American Culture and Consciousness
- TIBCUS 464 Native American Cultural Areas
- TIBCUS 466 Life and Thought: Martin Luther King, Malcolm X, and Angela Davis
- TSMUS 300 The Making of America*
Supporting Courses – Art, Writing and Science that support K-8 teaching (List C):
- TCXG 336 Glass Arts
- TCXG 340 Landscape in Contemporary Art
- TCXG 372 Writing Effectively
- TCXG 373 Introduction to Writing Poetry
- TCXG 374 Argument in Research and Writing
- TCXG 377 Art of the Americas*
- TCXG 381 Introduction to Creative Writing: Fiction
- TCXG 382 2-D Design and Contemporary Approaches in Art
- TCXG 383 South Sound Contemporary Art: Creativity and the Art of Seeing
- TCXG 386 Cont. Art and Studio Drawing
- TCXG 470 The Material World: Art and Artifacts
- TCXG 471 Culture and the Meaning of Visual Arts*
- TCXG 484 Writing Creative Non-Fiction
- TCXIN 381 Society, Self and Worldview in the Arts of India
- TCXIN 382 Society, Self and Worldview in the Arts of China
- TCXIN 383 Society, Self and Worldview in the Arts of Japan
- TCXIN 384 Society, Self and Worldview in the Arts of the Pacific
- TCXIN 477 Patronage, Religion and Propaganda in European Art (1590-1750)
- TCXIN 478 Revolution, Industrialization and Modernity in European Art (1780-1900)
- TCXUS 371 History of Rock 'n' Roll
- TCXUS 383 Early American Music, Art, Literature, Education, and Theater*
- TCXUS 471 History of Jazz
- TESC 300 Introduction to Environmental Science*
- TESC 329 Geomorphology and Soils
- TESC 332 Issues in Biological Conservation
- TESC 336 Plants and People: the Science of Agriculture
- TESC 341 Oceanography*
- TESC 347 Maritime History and Science in the Pacific Northwest
- TESC 422 Evolution

Environmental Studies Minor

Contact an adviser in *Interdisciplinary Arts and Sciences* at (253) 692-4450 to learn more about this minor.

The Environmental Studies minor has no prerequisites. It is open to students in any undergraduate course of study at UWT and for most students would not require additional time or credits beyond those required for graduation. For example, pre-law students interested in environmental law; political science or urban studies students interested in environmental policy; or business students interested in environmental marketing may wish to pursue the minor. Students concerned with environmental health would find their needs met with this minor. Students with an interest in environmental science or education would also be well-served with this option.

Requirements

The minor in Environmental Studies requires **25 credits** to include:

- TESC 300: Introduction to Environmental Science
- Five credits of any TESC course (lab or field not required)
- Five credits of an ethics course from the following list:
 - TIBCG 363 Philosophical Perspectives on the Environment
 - TIBCG 456 Environmental Ethics
- Five credits of a law/policy course from the following list:
 - TCSIUS 438 Environmental Law
 - TEST 333 Environmental Policy Application and Compliance
- Five credits from any TESC or TEST course **or** one of the following:
 - TCSIN 438 Urbanization and the Environment
 - TCXUS 477 Nature and the Environment in American Literature
 - THLTH 410 Environmental Justice
 - THLTH 472 Human Health and the Environment
 - TIBCG 437 Technology and the Modern World
 - TSMUS 421 Economics and the Environment
 - TURB 320 Introduction to Urban Planning
 - TURB 322 Land-Use Planning
 - TURB 410 Environmental Justice
 - TURB 450 Sustainable Development

Hispanic Studies Minor

Contact an adviser in *Interdisciplinary Arts and Sciences* at (253) 692-4450 to learn more about this minor.

Hispanic Studies combines proficiency in the Spanish language with a general knowledge of the cultural, historical and political framework of Spanish America. It also promotes an awareness of Hispanic culture in the United States. This interdisciplinary minor draws on traditional fields such as second-language acquisition, history, literary analysis and criticism, film studies, art history, political science, and sociology. It emphasizes the interrelationship between language and culture and trains people to interact with native speakers of Spanish more effectively.

Requirements

The minor in Hispanic Studies requires **25 credits** to include:

- 10 credits of Spanish language skills:*
 - TCXG 301 Intensive Spanish: Reading
 - TCXG 302 Intensive Spanish: Conversation
 - TCXG 303 Intensive Spanish: Writing
- 15 credits of Hispanic Studies courses:*
 - TCSIIN 435 Popular Movements in Latin America
 - TCSIIN 441 Mexican Cinema and Society
 - TCXIN 376 Hispanic Film
 - TCXIN 377 Mexican Literature and the Search for National Identity
 - TCXIN 461 Contemporary Mexican Culture
 - TCXIN 462 Women in Latin America
 - TCXIN 463 Contemporary Cuban Culture
 - TCXIN 464 The Arts, Cultures and History of Mexico (study abroad; 10 cr.)
 - TCXIN 476 Latin American Women Writers
 - TCXUS 338 Hispanics in the United States
 - TIBCIN 461 Religion and Church in Latin America
 - TSMIN 324 Modern Latin America
 - TSMIN 326 Modern Brazil
 - TSMIN 410 Caribbean Basin: Selected Topics

Human Rights Minor

Contact an adviser in *Interdisciplinary Arts and Sciences* at (253) 692-4450 to learn more about this minor.

The Human Rights minor is a tri-campus, interdisciplinary minor open to undergraduate students from all programs and departments of the University of Washington. Students who are interested in social justice or international law and politics will find this new option to be of particular interest.

Requirements

The Human Rights minor requires **25 credits** to include the following:

- 10 credits of courses concerned with human rights (i.e., as defined in the Universal Declaration of Human Rights) as a core concept.

Tacoma:

- TCSIG 452 Political Theory of Human Rights
- TIBCG 452 Anti-Semitism and the Holocaust
- TSMIN 311 International Human Rights
- TSMIN 420 Theories of Political Violence
- TSMIN 421 Human Rights in Emerging Democracies: Eastern Europe and Latin America

(Faculty offering appropriate courses may approve substitutions.)

Bothell:

- BLS 335, BLS 353, BLS 403, BLS 414,

Seattle:

- PHIL 338, POLS/SOJU 363, SOCSOCI 201, WOMEN 405

- 5 credits of courses concerned with human rights in a broad context, e.g. poverty, race/ethnicity, gender.

Tacoma:

- TCSIIN 435 Popular Movements in Latin America
- TCSIIN 436 Rural Societies and Development
- TCSIUS 335 Social Class and Inequality
- TCSIUS 441 Black Freedom Movement in Perspective
- TCSIUS 452 Minorities and the Law
- TCXUS 385 African-American Literature from Slavery to the Present
- TSMG 313 Theories of Economic Development and Social Change
- TSMG 425 Labor and Politics in Comparative Perspective
- TSMIN 326 Modern Brazil
- TSMIN 425 Contemporary Issues in International Political Economy
- TSMIN 433 Exploring Nazism
- TSMIN 435 Contemporary Geopolitics
- TSMUS 413 Civil Rights, Civil Liberties
- TSMUS 415 Labor Research Practicum

(Faculty offering appropriate courses may approve substitutions.)

Bothell:

- BLS 322, BLS 344, BLS 345, BLS 362, BLS 367, BLS 412, BLS 415, BLS 430, BLS 432, BLS 445

Seattle:

- AAS 372, AES 275, ANTH 434, ANTH 437, ANTH/SISEA 470, GEOG 230, GEOG 330, GEOG 371, GEOG 430, GEOG 495, HIST 346, HIST 452, HIST/SISJE 470, HSTAA 321, HSTAA 322, HSTAA 416/LAW 467, HSTAA 450, HSTAA/SISLA 480, HSTAA 463, PHIL 230, POLS 311, POLS 360, POLS 361, POLS 407, POLS/SIS 426, SIS 302, SIS 330, SIS/GEOG 335, SIS 342, SIS/GEOG 375, SIS 422, SIS 456/POL S 450, SIS 460, SIS 465, SIS 476, SISEA 459/POLS 419, SPAN 322, SPAN 468, WOMEN 305, WOMEN 310, WOMEN/SIS 333, WOMEN/SIS/ANTH 345, WOMEN 455

- 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.

Courses that satisfy this requirement include:

- TIAS 496, BLS 403, BLS 480, POLS 496, SPJU 310, SIS 399, and similar practicum, study-abroad courses in other programs (on the Seattle campus). See an adviser for faculty-approved alternatives. Courses used to satisfy this requirement must be approved/supervised by faculty offering courses appropriate to the minor.

Credits for the minor may be completed on a single UW campus, or on two or three UW campuses. If the minor is completed by a Seattle-major student, no more than 10 credits applied to the minor may be in the major department.

* Students who are diagnosed as native speakers or at an advanced level of proficiency (4 or higher on the ACTFL scale) are not required to take the language classes. These students should take an additional 10 credits from list B.

Museum Studies Minor

Contact an adviser in *Interdisciplinary Arts and Sciences* at (253) 692-4450 to learn more about this minor.

The Minor in Museum Studies familiarizes students with museum theory, philosophy, and practice. It aims to prepare students for graduate studies in museology, museum management and entry-level positions in the field. A general track encompasses shared practices that involve registration, curatorial approaches, conservation, fundraising and general management. A specialized track focusing on art museums explores issues that are particular to the academic disciplines associated with those institutions, such as art criticism, connoisseurship, and the art market. The unique location of UWT within a central campus of museums and its proximity to major metropolitan areas provides students with numerous internship and job-placement opportunities

Requirements

The minor in Museum Studies requires **40-45 credits** to include:

- 10 credits of core courses:
 - TIBCG 448 Arts Administration
 - TIBCG 449 Museum Studies Curatorial Theory and Practice (*under development*)
- 15 credits from the General or Art Museum Tracks:
 - General Museum Track
 - TCXG 470 The Material World: Art and Artifacts
 - TCXG 480 Contemporary Art and Society: 1945 to the Present
 - TCSIG 430 Introduction to Public History
 - TCXG 335 History of Photography
 - TCXG 377 Art of the Americas
 - TIBCIN 450 Contemporary Theories of Culture
 - Art Museum Track
 - TCXG 469 Art Theories, Methods, Philosophies
 - TCXG 480 Contemporary Art and Society: 1945 to the Present
 - TCXIN 479 Modern European Art
 - TCXG 335 History of Photography
 - TCXG 377 Art of the Americas
 - TCXIN 477 Patronage, Religion and Propaganda in European Art (1590-1750)
 - TCXIN 478 Revolution, Industrialization, and Modernity in European Art (1780-1900)
 - TCXUS 376 American Architecture
 - TCXG 471 Culture and Meaning in the Visual Arts

**These courses are also part of the Minor in Nonprofit Management. Students may wish to pursue these two minors in combination.*

- 10 credits from the following list:

- TCSIUS 431* Community Organizations and the Nonprofit Sector
- TCSIG 431* Organizational Development
- TCSIUS 451* Essentials of Grant Writing and Fundraising
- TCSIUS 433 Organizational Systems and Change
- TCSIUS 348 Leading a Nonprofit Organization in the 21st Century

- 5-10 credits of an internship:

- TIAS 496* Internship(s) with a focus in Museum Studies certified by supervising instructor

Nonprofit Management Minor

Contact an adviser in *Interdisciplinary Arts and Sciences* at (253) 692-4450 to learn more about this minor.

This minor in Nonprofit Management offers students the opportunity to develop competencies in, among other things, community building, volunteer management, budgeting, grant writing and fundraising, as well as to gain a better understanding of current societal challenges. Students will also gain valuable professional experience through supervised internships in local nonprofit agencies. These internships provide students with important real-world challenges, as well as the opportunity to develop networks leading to meaningful and exciting careers improving the communities in which they live.

Requirements

The Nonprofit Management minor requires **25 credits** to include the following:

- TCSIUS 431: Community Organizations and the Nonprofit Sector
- TCSIG 431: Organizational Development
- TCSIUS 451: Essentials of Grant Writing and Fundraising
- TIAS 496: Internship
- TCSIUS 457: Nonprofit Management Capstone

Public History Minor

Offered by Interdisciplinary Arts and Sciences. Check with an IAS adviser to learn which concentrations are most compatible with this minor.

Public history engages with the past and its presentation to the public by training historians to be active participants in society. This interdisciplinary field draws on traditional historical scholarship while incorporating knowledge and methods from a variety of other disciplines including art history, anthropology, historic preservation, and library science. Public historians learn how to convey history to a wide range of audiences using new and innovative methods. Most importantly, public historians strive to teach the public about the value of history and the need to learn about the past to better understand the present and shape the future.

Over the past two decades an explosion in the number of museums, historical societies and historic sites has led to increased demand for public historians. These historians work as consultants, archivists, historic preservationists, curators, educators, oral historians, media and public relations professionals and public policy analysts. Students interested in history or education would benefit from this minor by having the opportunity to apply their historical knowledge to the public sphere. This minor develops skills in historical research and methods, complementing IAS concentrations (e.g., Arts, Media, and Culture; American Studies). An internship component allows students to gain hands-on experience working for a local or regional organization in the field of public history. The South Puget Sound region has numerous opportunities for internships, including a number of institutions just steps away from the UWT campus.

Requirements

The Public History minor requires **35 credits** to include the following:

- TSMUS 300 The Making of America (5 credits)
 - TSMIN 300 International Interactions or one U.S. history course at UWT (*see adviser for list of courses*)
- History elective (5 credits):
 - TSMIN 300 International Interactions
 - TCSIG 436 North American Regions
 - TCSIIN 438 Urbanization and the Environment
 - TCSIUS 437 Doing Community History
 - TCSIUS 441 Black Freedom Movement in Perspective
 - TCSIUS 445 History of Tacoma
 - TCSIUS 450 Black Labor
 - TCXUS 383 Early American Music, Art, Literature, Education, and Theater
 - TCXUS 338 Hispanics in the United States
 - TCXUS 371 History of Rock 'n' Roll
 - TCXUS 376 American Architecture
 - TCXUS 471 History of Jazz
 - TCXUS 482 American Folklore: Biographies of Race, Ethnicity and Gender
 - TESC 347 Maritime History and Science in the Pacific Northwest
 - TEST 331 Environmental History: Water
 - TEST 332 A Natural History of Garbage
 - TIBCG 437 Technology in the Modern World
 - TIBCUS 464 Native American Cultural Areas
 - TSMUS 321 Civil War
 - TSMUS 322 American Labor Since the Civil War
 - TSMUS 410 Early American Politics and Law
 - TSMUS 413 Civil Rights, Civil Liberties
 - TSMUS 419 Robber Barons and the Philosophy of Business
- Public History and Research Core (20 credits):
 - TIBCUS 430 Introduction to Public History
 - TCXG 380 Research Seminar in the Humanities
 - TCXG 470 The Material World: Art and Artifacts
 - TIAS 496 Internship (5 credits max.) *Contact faculty adviser for details.*
- Architectural, Art or Local History elective (5 credits):
 - TCSIUS 445 History of Tacoma
 - TCSIUS 437 Doing Community History
 - TCXUS 376 American Architecture
 - TIBCG 448 Arts Administration
 - TIBCG 449 Museum Studies

Urban Studies Minor

Offered by Urban Studies. Check with an Urban Studies adviser to learn more about this minor.

Urban Studies is multidisciplinary by nature and, hence, can serve to complement a variety of degree programs at UWT. The Urban Studies minor is intended to provide students from other programs an understanding of and appreciation for urban issues and problems.

Requirements

The Urban Studies minor requires **30 credits** to include the following:

- Core Courses (10 credits):
 - TURB 301 The Urban Condition *or* TURB 310 Urban Society and Culture **and**
 - TURB 430 Pacific Rim Cities *or* TURB 460 Cities in the Developing World
- Core Electives (15 credits):

Select 15 credits from approved Urban Studies core elective list, to include at least one 400-level course.
- Capstone Course (5 credits)
 - TURB 492 Urban Studies Capstone Seminar

Geographic Information Systems (GIS) Certificate

Offered by Urban Studies and Environmental Science. Check with an adviser or visit www.tacoma.washington.edu/urban_studies/academics/GIS/ to learn more about this certificate.

The certificate in Geographic Information Systems (GIS) provides students with an excellent foundation in the concepts necessary for spatial modeling with a variety of digital data. Students develop the analytical and practical skills needed for research in GIS and entry into the employment sector. The certificate program is a nine-month course of study for those seeking the knowledge and skills to utilize GIS in fields such as urban and regional planning, environmental research, resource management, crime analysis, marketing, real estate, medical research and various branches of government. The program is designed to benefit entry- to intermediate-level users who lack formal education in GIS.

Requirements

The GIS certificate requires **24 credits** to include the following:

- TGIS 311 Maps and GIS (6)
- TGIS 312 GIS Data and Analysis (6)
- TGIS 313 Advanced GIS (3)
- TGIS 414 GIS Project Design (6)
- TGIS 415 GIS Practicum (3)

Admission

Students must complete a separate application for the GIS Certificate and submit the following:

- GIS Application
- 60 semester or 90 quarter college-level credits to include a course in statistics
- Two letters of recommendation
- Résumé
- Personal statement
- Excel assessment test

The deadline for admission is August 1. Refer to the GIS Web site for more information.

Nonprofit Management Certificate

Offered by Interdisciplinary Arts and Sciences. Check with an IAS adviser to learn more about this certificate.

The certificate program is designed to meet the needs of postbaccalaureate students who would like to complete training in nonprofit management. The requirements are the same as for the Nonprofit Management minor. The certificate allows students who have already completed a bachelor's degree to complete the nonprofit management curriculum.

Undergraduate students also earn the certificate when they complete the minor.

Requirements

The Nonprofit Management certificate requires **25 credits** to include:

- TCSIUS 431: Community Organizations and the Nonprofit Sector
- TCSIG 431: Organizational Development
- TCSIUS 451: Essentials of Grant Writing and Fundraising
- TIAS 496: Internship
- TCSIUS 457: Nonprofit Management Capstone

Restoration Ecology Certificate (REC)

Offered by Interdisciplinary Arts and Sciences. Check with an IAS adviser to learn more about this certificate.

The University of Washington Restoration Ecology Network (UW-REN) was established to prepare students to meet the multidisciplinary challenges in the field of ecological restoration. Effective restoration requires the interactive efforts of experts from many disciplines, as illustrated below. UW-REN offers students from any UW program the opportunity to obtain a certificate of academic experience in Restoration Ecology. This program provides students with a substantial background in restoration ecology within the context of their degree program. The REC is not associated with a degree program. It demonstrates to employers and funding agencies that a fundamental training in restoration ecology, including a one-year, team-based restoration project has been completed. Study ranges from theory to practice to provide students with skills necessary to participate as effective team members or to lead challenging restoration projects.

Requirements

The Restoration Ecology certificate requires a minimum of **25 credits**. All courses must be completed with a minimum grade of 2.0.

- TESC 362: Introduction to Restoration Ecology (7 credits)

This is a 300-level course offered at UW Bothell and UW Tacoma. UW Seattle's equivalent course is EHUF 473.

- Restoration-related courses (10 credits)

Students must complete 10 credits of restoration-related courses from an approved list of courses that is available on the UW-REN Web site at <http://depts.washington.edu/uwren>. Courses not on the list can be petitioned to the UW-REN director.

- UW-REN Senior Restoration Capstone
 - TESC 462 (2 credits)
 - TESC 463 (3 credits)
 - TESC 464 (3 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.

Graduate Admission and Graduation

Admission Requirements

The University of Washington Graduate School determines the requirements for admission to graduate study. Admission to a graduate program at UWT is contingent upon acceptance by the Graduate School and the program of choice at UWT. Each graduate student must be admitted into a specific graduate program; the Graduate School does not permit general graduate enrollment.

More information about the UW Graduate School can be found online at:

www.grad.washington.edu

Admission Procedures

Admission to the Graduate School is granted by the Dean of the Graduate School. Application for admission is made to the Office of Graduate Admissions and to the academic program of choice on the Tacoma campus. Contact the specific program of choice for application requirements and procedures. At a minimum, prospective students must:

- Hold a baccalaureate degree from an accredited college or university in this country or its equivalent from a foreign institution.
- Have earned a 3.0 or B grade point average in the most recent two years of study or 90 quarter credits (60 semester credits).
- Complete online application to the University of Washington Graduate School at:

<https://www.grad.washington.edu/application>

- Arrange for the receipt of scores on the Graduate Record Examination (GRE) or an alternative test if the program requires. Scores must be received directly from ETS.

- Submit one official transcript from all previously attended colleges, universities and institutions to the program of choice at UWT. Admitted students will be required to submit a second official transcript from their baccalaureate institution after admission.

Additional materials, such as goal statements and letters of reference, may be required by individual programs. Please see the individual program sections in this catalog for details.

Priority for admission of applicants into a graduate degree program is based upon the applicant's apparent ability, as determined by the University, to complete the program expeditiously with a high level of achievement and also upon the applicant's promise for success in his or her subsequent career. In addition, according to Graduate School admission policy:

- No practice may discriminate against an individual because of race, color, national origin, disability, sex, age, religious preference, creed, sexual orientation, marital status, or background, or status as disabled veteran or Vietnam-era veteran and
- Sustained efforts must be made to recruit qualified students who are members of groups that have been subject to discrimination or are underrepresented in certain disciplines.

How to Apply for Graduate Admission

Application materials may be obtained from the office of the academic program at UWT in which the student wishes to pursue graduate studies or from the Office of Student Affairs. For detailed information about admission to graduate studies at UWT, contact the specific program office at UWT.

Priority Dates for Graduate Applications

The priority dates for application to the graduate programs are listed in the table on the next page. Please note that this is the date that application materials must actually reach the appropriate offices, not the postmark date.

Applying to the UW Graduate School

Applicants must apply both to the UW Graduate School and to their program of choice at UWT. The Graduate School now requires applicants to apply online at: (*note that the URL begins with "https://"*)

<https://www.grad.washington.edu/application>

An application fee of \$45 must be paid by credit or debit card or electronic check with the online application. Applicants who are unable to apply online should contact their program of choice to discuss other application options.

A printout or copy of the applicant's UW Graduate School application must be included with application materials sent to their UW Tacoma program of choice.

Applying to a UW Tacoma graduate program

In addition to submitting an application to the UW Graduate School, applicants must complete a separate application and submit additional materials directly to the UWT program to which they wish to apply. Application procedures and requirements differ by program. Please contact the specific program for details. Early submission of applications is encouraged.

credentials on file are discarded unless the applicant has notified the Office of Graduate Admissions and the program of a continued interest in attending the University.

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

the University of Washington should the student later be admitted as a matriculated graduate student. GNM status is granted by the individual graduate program. A minimum GPA of 3.0 in the last 90 quarter (60 semester) graded credits is required for consideration. A student who is later admitted to the Graduate School may apply a maximum of 12 applicable GNM credits (or any combination of GNM and up to six approved transfer credits, totaling 12 credits) toward a master's degree. **Admission into the GNM status does not confer priority for or guarantee of later admission into the Graduate School to pursue a degree.**

Applicants for GNM status must contact the academic program directly for application information. Not all programs choose to offer GNM status. Programs will advise students regarding the status and provide instructions, application forms and program requirements to appropriate candidates.

Failure to register for any quarter except Summer Quarter will result in loss of GNM status. Once GNM status has been lost, the application process must be repeated in order to be readmitted as a GNM student. The transcripts and other student records from the prior records can be forwarded to supplement the new application, and the new application fee may be waived.

GNM students pay fees and tuition at the regular graduate-student rate based on residency of the student including the Student Services and Activity Fee and the Technology Fee. GNM students are not eligible for financial aid because most financial aid is governed by federal regulations that require students to be enrolled in degree programs. Students will be assigned a UW student number and receive a student identification card that entitles them to all privileges and access to facilities that are extended to matriculated students.

Visiting Graduate Students

A student who wishes to enroll in a graduate program at the University of Washington, Tacoma and who intends thereafter to return to another graduate school in which he or she is working toward an advanced degree may be admitted as a visiting graduate student. This admission is contingent on available space and facilities. Such a student must have been officially admitted to another recognized graduate school and be in good standing and currently pursuing a graduate degree. Admission to the University of Washington, Tacoma, as a visiting graduate student does not guarantee admission to any particular course of study. A visiting graduate student is permitted to register only in those courses for which he or she is judged to be eligible by a faculty adviser or the instructor of the course and if space is available to accommodate registration.

PRIORITY APPLICATION DATES FOR GRADUATE PROGRAMS

	Autumn 2005	Winter 2006	Spring 2006	Summer 2006
Business (M.B.A.)	Apr. 15	—	—	—
Computing and Software Systems (M.S.)	July 1	Nov. 1	Feb. 1	—
Education (M.Ed.)	Aug. 31	Dec. 1	Feb. 28	May 15
Educational Administrator	—	—	—	Dec. 1
Interdisciplinary Studies (M.A.)	May 1	Oct. 1	—	—
Nursing (M.N.)	*	*	*	*
Social Work (M.S.W.)	Mar. 1	—	—	—

*Contact the program office for application deadlines.

Some programs require additional documentation (letters of recommendation, for example). See the appropriate section of this catalog and check with the program office for current information. All records submitted as part of an admission application become a part of the official file and the property of the University and cannot be returned or duplicated.

These procedures and deadlines apply to new students, visiting students and former students of the University of Washington who have not attended since receiving their baccalaureate degrees. A former student must apply as a new student for admission to the Graduate School. Contact the program of choice for specific procedures.

Notification of admission status

When all required documents have been received, an evaluation is made and the applicant is notified of his or her admission status. An offer of admission is generally valid only for the quarter indicated. Applicants who wish to be considered for a different quarter must file a new application and fee. In some situations, the program office may be willing to update a student's application to a new quarter. Check with the program of choice for details.

Admission credentials of applicants who do not register for the quarter to which they have been admitted are normally retained for a period of one year from the quarter of application. At the end of this period,

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 Nonmatriculated Students

Graduate nonmatriculated (GNM) is a classification for post-baccalaureate students who are not seeking a graduate degree at the time of registration. While a student does not need GNM status to register for a graduate-level class, a student must have it in order to apply the credits to a graduate degree at

Further details regarding application and other relevant policies may be obtained from the appropriate program office at UWT or on the Web at www.grad.washington.edu.

Transfer Credit

A student working toward a master's degree may petition the Dean of the Graduate School for permission to transfer to the University of Washington the equivalent of a maximum of six quarter credits of graduate level coursework taken at another recognized academic institution. These credits may not have been used to satisfy requirements for another degree. The petition must include a written recommendation from the graduate program coordinator and an official transcript indicating completion of the coursework. Transfer credits are not entered on the UW transcript.

University of Washington students who are within six credits of completing their undergraduate degree and who have met the requirements for admission to the Graduate School may register the quarter immediately preceding admission to Graduate School for up to six credits in 500-level courses in addition to the last six credits they require of undergraduate work. The graduate program that has admitted the student must approve registration for the courses. The student, after admission to the Graduate School, must file a petition with the Dean of the Graduate School to transfer the six credits. The student must also provide a letter from the Office of Graduation and Academic Records stating that these credits have not been applied toward the undergraduate degree. Contact the specific program for details.

Graduate Student 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 adviser of the individual academic program or appropriate staff.

For more information on the UW Graduate School and graduate student policies, please visit the Graduate School Web site at www.grad.washington.edu.

Graduate Courses

Graduate courses are intended for, and ordinarily restricted to, either students enrolled in the Graduate School or graduate nonmatriculated students and are given numbers from 500 to 800. Some courses at the 300 and 400 levels are open to both graduates and upper-division undergraduates. Such courses, when acceptable to the supervisory committee and the specific

academic program, may be part of the graduate program. The Graduate School accepts credit in approved 300-level courses for the minor or supporting fields only. Courses at the 300 level are not included in the calculation of grade-point average (GPA) and will not apply toward the minimum Graduate School requirement of 18 graded credits for the master's degree. Approved 400-level courses are accepted as part of the major as well as minor or supporting fields. Courses numbered 490 and titled Special Topics and Special Projects normally are not applicable to a graduate degree program if addressed primarily to introductory content and undergraduate students. Undergraduate research (499) is not accepted as part of the graduate program. Graduate School Memorandum No. 36 offers additional information on graduate courses. With the exception of summer, students are limited to a maximum 10 credits per quarter of any combination of courses numbered 600, 700 or 800.

Graduate Student On-Leave Status

Graduate students who do not maintain continuous enrollment (Summer Quarter excepted) must file a petition for on-leave status with their program office. To be eligible for on-leave status, the student must have registered for, and completed, at least one quarter and be in good academic standing. An on-leave student is permitted to use the University Library but is not eligible for other University privileges. On-leave status forms are available from the program office. A \$35 fee is charged for each petition filed. Students who are registered for any portion of a quarter may not go on leave for that quarter unless they officially withdraw at the Office of the UWT Registrar prior to the first day of the quarter.

On-leave status can be granted for up to four quarters. On-leave graduate students returning to the University on or before the termination of their authorized periods of leave need only register using MyUW for the quarter they want to return.

Re-admission

A student previously registered in the Graduate School who has failed to maintain graduate student status but who wishes later to resume graduate studies must apply online to be re-admitted. If the student has attended any other institution during the period when not registered at the University of Washington, official transcripts in duplicate of the student's work must be submitted. An application for re-admission carries no preference and is treated in the same manner as an application for initial admission, including the requirement of payment of the application fee.

Students are required to meet the program requirements in place at the time they are re-admitted.

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.

Graduation Requirements for the Master's Degree

It is the responsibility of each graduate degree candidate to meet the following Graduate School minimum requirements (plus any additional requirements that may be specified by the program in which the master's degree is being earned; see item 7):

1. Under a thesis program, a minimum of 36 quarter credits (27 course credits and a minimum of nine credits of thesis) must be presented. Under a non-thesis program, a minimum of 36 quarter credits of coursework is required.
2. At least 18 of the minimum 36 quarter credits for the master's degree must be for work numbered 500 and above. (In a thesis program, nine of the 18 must be course credits and nine may be for Master's Thesis [700].)
3. Numerical grades must be received in at least 18 quarter credits of coursework taken at the University of Washington, Tacoma. The Graduate School accepts numerical grades in approved 400-level courses accepted as part of the major and in all 500-level courses. The student must earn a minimum grade of 2.7 in each class in order for it to be counted. A minimum cumulative GPA of 3.0 is required for a graduate degree at the University.
4. The residence requirement for the master's degree is one year (three full-time quarters). Students registered for fewer than 10 credits per quarter may add part-time quarters together to achieve the equivalent of one full-time quarter (10 or more credits) to be applied toward fulfilling residence requirements. However, excess credits beyond 10 may not be subtracted from one quarter and added to another. Once a student is admitted to a graduate degree program, a full quarter of residence is granted for any quarter in which at least 10 credits in approved courses, research, thesis, or internship are satisfactorily completed.

5. In a thesis degree program, a thesis, approved by the supervisory committee, must be submitted to the Graduate School. A student must register for a minimum of nine credits of thesis (700). With the exception of summer, students are limited to a maximum of nine credits per quarter of thesis (700).
6. A final master's examination, either oral or written, as determined by the student's supervisory committee, must be passed if it is a program requirement.
7. Any additional requirements imposed by the graduate program adviser in the student's major department or by the student's supervisory committee must be satisfied. A master's degree student usually takes some work outside the major department. The graduate program coordinator in the major department or the student's supervisory committee determines the requirements for the minor or supporting courses.
8. The graduate student must apply for the master's degree within the first two weeks of the quarter in which he or she expects the degree to be conferred. See Graduate Degree Application Process below.
9. The graduate student must maintain registration as a full- or part-time student at the University for the quarter in which the degree is conferred. A student who does not complete all degree requirements by the last day of the quarter must be registered for the following quarter.
10. All work for the master's degree must be completed within six years. This includes quarters spent on leave or out of status and applicable work transferred from other institutions.
11. A student must satisfy the requirements for the degree that are in force at the time the degree is to be awarded.

Graduate Degree Application Process

When a student is within one quarter of completing the degree requirements, the student must apply for the master's degree on the Web. Students will be required to have a UW NetID before completing the master's degree application. The degree application is found at: www.grad.washington.edu/stsv/mastapp.htm. Students who cannot complete the master's request online or need to make changes should contact Graduate School Student Services at studentservices@grad.washington.edu.

Students must complete the entire request, including the Exit Questionnaire. Students will not be able to return to the Request page to make changes or complete information at a later time. Status updates on the degree request will be sent via e-mail; therefore, an e-mail address is required before completing the application.

The request period commences Monday, the third week of each quarter and closes the Friday of the second week of the subsequent quarter (the quarter a student intends to graduate). For example, if the student will complete graduation requirements in Winter Quarter, the earliest a request can be submitted is the third week of Autumn Quarter and the latest is the Friday of the second week of Winter Quarter.

If the student does not receive his or her degree in the requested quarter, the student must complete another degree request for the quarter in which she or he expects to complete requirements. Students must determine that they will have met the minimum Graduate School requirements by the end of the quarter in which they plan to graduate. Please consult a graduate program adviser regarding additional program requirements.

A student must be registered as a graduate student and complete a minimum of two credits during the quarter in which degree requirements are met and the degree is conferred.

Commencement

Formal commencement exercises are conducted at the close of Spring Quarter. In April of each year, commencement information is sent to each student entitled to participate (i.e., those who graduated the previous August, December or March and those who anticipate graduating in the June or August of the current year).

Diploma distribution

Diplomas are produced approximately 12 weeks after the end of the quarter in which they are earned and are mailed to the student.

MASTER OF

Business Administration

The Master of Business Administration (MBA) degree is designed for working professionals who want to enhance their abilities to respond to, manage and lead change. The 72-credit program emphasizes the organization as a system and builds an understanding of how each organizational component affects and interacts with others.

The primary goal of the MBA program is to provide current and future managers with the knowledge necessary to succeed in an increasingly dynamic and complex 21st-century environment. By design, the program integrates leadership, technological, analytical, interpersonal and communication skills. Students will learn to:

- Analyze organizations as complex systems;
- Diagnose organizational problems and design solutions;
- Implement change effectively;
- Support people and build teams;
- Scan the global business environment and identify important trends;
- Make strategic decisions under conditions of risk and uncertainty;
- Choose technologies that support productivity;

- Allocate organizational resources strategically;

- Consider the social, political, ethical and environmental consequences of management decisions.

The program's emphasis on change prepares students to predict organizational changes and to design, implement and evaluate change processes.

Accreditation

The Milgard School of Business at the University of Washington, Tacoma is accredited by the Association to Advance Collegiate Schools of Business (AACSB) in association with the University of Washington's Seattle and Bothell campuses.

Admission Requirements

Applicants must simultaneously be admitted to the Milgard School of Business and to the Graduate School of the University of Washington. Application forms are available on the MBA Web site at www.tacoma.washington.edu/mba. Applications must be submitted in time to meet the Milgard School of Business deadline listed

on the Web site, as this supersedes the Graduate School admissions deadline. The MBA program admits students for Autumn Quarter only. Admission is competitive.

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* completed within the last five years.
- A minimum of two years of postbaccalaureate managerial work experience.
- One official transcript from each institution attended. If admitted, a second baccalaureate transcript will be requested by the Graduate School.
- Two essays.
- A résumé and the completed Personal Data Form.
- Two confidential professional recommendations.

OVERVIEW

The mission of the Milgard School of Business is to offer high-quality undergraduate and graduate education for citizens of the state of Washington, especially in the South Puget Sound region. We seek to integrate innovative teaching, relevant scholarship and proactive service into our business and academic communities. We also are committed to advancing and disseminating business knowledge and theory and to cultivating collaborative relationships with the community.

Phone: (253) 692-5630

Fax: (253) 692-4523

Office: Dougan 401

Campus box: 358420

Web site:
www.tacoma.washington.edu/mba

E-mail: uwtmba@u.washington.edu

Dean: Shahrokh Saudagaran

Administrator: Julia Smith

Adviser: Caroline Calvillo

- Applicants holding Permanent Residence Status and an international baccalaureate degree (or higher) must submit scores for the TOEFL exam. Minimum scores are 580 (paper-based) or 237 (computerized).
- Applicants with foreign transcripts are encouraged to apply by January to allow extra time for transcript evaluation.

Program Design

The 72 quarter-credit, non-thesis MBA degree has two components:

- 40 credits of required courses
- 32 credits of elective courses tailored to meet individual needs

The choice of electives will depend on students' career and educational goals. Students can create a profile of elective courses that allows them to gain additional knowledge of management, information technology, finance, leadership or marketing. Elective courses also can be taken outside of Business from other UWT graduate programs.

Enrollment and Classes

The UWT two-year MBA 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 two years or extend to three or more years.

Classes meet primarily on weekday evenings and some Saturdays; many incorporate Internet 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.

Beginning in Autumn 2005, the MBA program will offer a **CFA (Chartered Financial Analyst)** option to help students prepare for the Level I exam during their second year of study. The program includes coursework, study groups and seminars that culminate in the student sitting for the exam in June.

Elective Credits

A minimum of 12 graded elective credits must be completed in Tacoma MBA elective courses numbered 500 and above. The remaining elective credits can be completed via Tacoma MBA elective courses, credits from other UW graduate degree programs, transfer credits, or some combination of these as discussed in the policies below.

No more than eight credits of TBUS 569, Analytical Research, may be applied toward the MBA degree.

Transfer Credits from Other Institutions

An admitted MBA student may petition to transfer up to the equivalent of 12 quarter credits of graduate business coursework from an accredited institution toward the elective portion of the degree. Graduate credits that have been applied toward a completed degree cannot be transferred.

Applicants may petition by sending a letter to the Graduate Program Adviser. 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 UWT MBA curriculum. Petition requests will not be evaluated until an official transcript is received by the School of Business.

Written petitions for transfer credits completed prior to admission to the MBA program must be submitted during the first quarter of enrollment in the MBA program (Autumn quarter).

Enrolled UWT MBA students who take courses at another institution with the intent of transferring the credits should first seek approval from the graduate program adviser. 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).

Coursework 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.

UW Credits Earned Outside the Tacoma MBA

A portion of MBA elective credits may be earned at the University of Washington in other degree programs. Students do not need to petition to ensure these credits apply toward their degrees. The following restrictions apply:

1. At least 12 elective credits must be taken from Tacoma MBA courses numbered 500 and above.
2. No more than 12 credits earned in other UW graduate programs (numbered 500 and above) can be applied to the MBA degree.
3. No more than 5 credits of 400-level Tacoma business courses can be applied to the MBA degree.
4. 400-level courses from any other undergraduate program cannot be applied toward the MBA degree.

Ungraded Credits (S/NS)

Required courses in the Tacoma MBA curriculum cannot be taken Satisfactory/Not Satisfactory (S/NS). At least 12 credits of MBA elective courses must be taken as graded credits. No more than 12 credits of elective courses may be completed as S/NS.

Minimum Requirements for the MBA Degree

Along with the Graduate School requirements, courses taken to complete the 72 credits required for the MBA degree must receive a passing grade (2.7 or higher or Satisfactory 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 completing a course on a Satisfactory/Not Satisfactory (S/NS) basis must earn at least a 2.7 grade in order to receive a grade of "Satisfactory."

Students are reminded to read and carefully adhere to the University's policies. Please refer to the Graduate Admissions, Graduation Requirements for Master's Degree, and Graduate Student Policies sections in this catalog or refer to the Graduate School web site at www.grad.washington.edu for more information regarding graduate degree requirements.

Course Descriptions

For the most current course information, please consult the Milgard School of Business Web site: www.tacoma.washington.edu/business.

Required Courses (40 credits)

TBUS 501 **Financial Theory** *4 credits*

Examines financial theory including asset valuation, capital markets, and the basic terminology of corporate finance. Focuses on Time Value of Money, Equity Valuation, Cost of Capital and basics of risk management as essential tools.

TBUS 502 **Organizational Processes** *4 credits*

Investigates the connections between business strategy, the organizational processes that execute strategy, and the management systems responsible for process measurement and improvement. The course examines internal structures and activities that transform inputs into outputs, and presents analytical tools for describing and improving organizational processes.

TBUS 503 **Accounting for Business Decisions** *4 credits*

Emphasizes selected financial accounting and managerial accounting topics. Cost behavior, activity-based costing, budgeting, and financial accounting and reporting are explored with an emphasis on understanding the information provided and prepared from a managerial perspective.

TBUS 504 **Marketing Management** *4 credits*

Explores the processes by which organizations create value for customers. Focuses on marketing decision making, including opportunity analysis, positioning strategies, product development/management, distribution channels, pricing tactics, and integrated marketing communications. Enables students to engage in target market selection and marketing program design.

TBUS 505 **Information Systems** *4 credits*

Explores the operational and strategic roles of information systems in organizations. Provides a managerial-level understanding of computer hardware, software, databases, telecommunications networks, and other technologies relevant to information systems. The course emphasizes issues relating to the management of information technologies.

TBUS 506 **Strategic Management** *4 credits*

Focuses on the strategy development process in organizations and on how to create sustainable competitive advantage. Includes developing an understanding of the strategic position of organizations, strategic choices for the future and how one can best translate strategies into action.

TBUS 507 **Individual and Group Dynamics** *4 credits*

Examines human behavior in organizations in terms of individual, small group, intergroup and the total organization. With an emphasis on managing people, topics include leadership, communication, group dynamics, decision-making, self-awareness, motivation, perception, influence, learning and the management of change and conflicts. Class dynamics serve as significant examples for understanding human behavior.

TBUS 508 **Integrated Systems** *4 credits / Prerequisite: Completion of TBUS 501 through 507*

Integrates material learned in the MBA core through immersion in systems theory. Students learn to view organizations as open systems and evaluate consequences of business decisions. An online simulation is used to demonstrate the interplay of various subsystems in organizations while competitive forces create an environment of ongoing change.

TBUS 560 **Tools for Forecasting and Assessing Change** *4 credits*

Emphasizes research design, data collection and data analysis as critical elements of forecasting and managing change. Provides practical and theoretical insights into gathering information about forthcoming problems and opportunities.

TBUS 570 **Organization Change** *4 credits*

Examines planned change using behavioral-science knowledge and practices; focuses on goals, organizational values and emphasizes individual involvement to achieve effectiveness. Challenges students to develop and enhance skills in an experiential learning environment.

Elective Courses (32 credits)

TACCT 520 **International Accounting Seminar** *4 credits*

Enhances understanding of international accounting issues. Examines the impact 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.

TBGEN 512 **Business Ethics and Social Responsibility** *4 credits*

Focuses on the ethical and moral challenges that are an everyday part of organizational life for managers. Addresses the societal consequences of managerial decisions and organizational actions. Considers global variance in ethical standards and impact of ethical behavior on organizational performance.

TBUS 568 **Internship** *3-5 credits / Prerequisite: TBUS 502*

Allows students to explore new career avenues or to extend their current career experience into new areas. Involves explaining knowledge and skills through on-site project work with an organization. *Requires written internship plan and faculty permission prior to registration.*

TBUS 569 **Analytical Research** *2-4 credits*

Provides an opportunity to work independently to explore specific business 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. *Tacoma MBA students only. Permission of faculty is required.*

TFIN 520 **Microeconomics for Manager** *4 credits*

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.

TFIN 521 **Macroeconomics for Managers** *4 credits*

Focuses on the use of intermediate macroeconomic theory to understand how different sectors of the economy are inter-related. Specific emphasis is placed on international markets and how to assess the impact on firms of different macroeconomic policies and events.

TFIN 523 **Economic Theory** *4 credits*

Covers micro- and macro-economic theory with an emphasis on financial markets and the FED. Lectures focus on how to use economic theory to interpret and analyze economic and business information.

TIS 555**Topics in Managing Technology:
Decision Making and Information
Technology***4 credits*

Examines managerial decision making and strategies for applying information technology. Explores: decision framing and decision analysis; factors and issues that contribute to the complexity of decisions; cognitive, social, and political dimensions of decisions; personal, group, and organizational decision making; and IT architectures for decision support.

TMGMT 516**Business Communication***4 credits*

Explores communication and its impact on the business environment. Investigates advanced methods of business presentation design/delivery, explores relevant communication theories, covers critical concepts such as global communication, crisis communication, gender communication in the workplace and meeting management. Also investigates communication issues which are typically controversial in organizations.

TMGMT 532**Strategic Human Resource Management***4 credits*

Addresses the design of human resource management systems to create and sustain competitive advantage. Focuses on how managers can diagnose their organization's alignment with competitive realities and develop human resource systems that produce the levels of commitment, coordination and competence required by the organization's competitive strategy.

TMGMT 536**Technology Management***4 credits*

Presents an overview of the causes and consequences of technological change and innovation at the level of the economy, industry and organization. Examines several issues that concern the management of technology and innovation, including market entry timing, new product development, corporate venturing, licensing, outsourcing and strategic alliances.

TMGMT 557**Conflict Management Strategies***4 credits*

Emphasizes the conflict resolution approaches most commonly used by managers to resolve disputes at the individual, group and organizational levels. Students will learn to assess conflict situations and select appropriate resolution techniques as well as hone their skills in negotiation and mediation.

TMGMT 574**New Business Ventures***4 credits*

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.

TMKTG 520**Services Marketing***4 credits / Prerequisite: TBUS 504*

Explores the unique challenges of managing services and delivering service quality that lead to customer satisfaction. Examines methodologies available for measuring, analyzing and designing services. Investigates the role of marketing in attracting customers and shaping customer expectations.

Faculty**Shahrokh M. Saudagaran***Dean and Professor,
Milgard Chair in Business*

Milgard School of Business
International Accounting; Ph.D., University
of Washington, 1986.

Richard O. Abderhalden

Senior Lecturer, Milgard School of Business;
Finance; Ph.D., University of North Carolina
at Chapel Hill, 1994.

Zoe M. Barsness

Associate Professor, Milgard School of
Business; Management; Ph.D., Northwestern
University, 1996.

Vanessa Chio

Assistant Professor, Milgard School of
Business; Management, International
Business; Ph.D., University of Massachusetts,
2000.

Sergio V. Davalos

Assistant Professor, Milgard School of
Business; Management Information Systems;
Ph.D., University of Arizona, 1992.

Ehsan Feroz

Professor, Milgard School of Business;
Accounting, International Relations; Ph.D.,
University of Chicago, 1982.

Mark K. Fiegeler

Associate Professor, Milgard School
of Business; Strategic Management,
Management, Information Technology;
Ph.D., University of Pennsylvania, 1990.

Marinilka Barros Kimbro

Assistant Professor, Milgard School of
Business; Accounting, International Business;
Ph.D., University of Maryland, 1999.

Janet L. Mobus, CPA

Assistant Professor, Milgard School of
Business; Accounting; Ph.D., University of
North Texas, 1997.

Stern Neill

Assistant Professor, Milgard School of
Business; Marketing; Ph.D., Louisiana State
University, 2000.

G. Kent Nelson

Senior Lecturer, Milgard School of Business;
Organizational Management and Strategic
Communication; Ph.D., University of
Washington, 1994.

Gregory Noronha, CFA

Professor, Milgard School of Business;
Finance; Ph.D., Virginia Polytechnic Institute,
1990.

Dorothy J. Parker, CPA

Senior Lecturer, Milgard School of Business;
Accounting; Ph.D., University of Arkansas,
1992.

Jill M. Purdy

Associate Professor, Milgard School
of Business; Organizational Behavior,
Organization Theory, Management; Ph.D.,
Pennsylvania State University, 1994.

Gregory M. Rose

Associate Professor, Milgard School of
Business; Marketing; Ph.D., University of
Oregon, 1995.

Eugene Sivasdas

Assistant Professor, Milgard School of
Business; Marketing; Ph.D., University of
Cincinnati, 1995.

Tracy A. Thompson

Associate Professor, Milgard School
of Business; Organizational Behavior,
Strategic Management; Ph.D., Northwestern
University, 1994.

Douglas T. Wills, CFA

Associate Professor, Milgard School of
Business; Economics; Ph.D., Texas A&M
University, 1995.

MASTER OF SCIENCE

Computing and Software Systems

The Master of Science degree in Computing and Software Systems (CSS) prepares graduates for careers as systems analysts, computer engineers, database administrators, software developers, project managers and support specialists. Those with master's degrees in computer science 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 master's program serves a diverse population of students, from those with significant experience and degrees in the field, to those with non-computing-related undergraduate degrees. By broadening the base of students eligible for the program, the Institute hopes to encourage greater numbers of undergraduate students to continue their education at the graduate level and to attract increasing numbers of nontraditional students who have related work and life experience and a strong interest in the field.

Curriculum

The master of science in Computing and Software Systems provides a broad overview of the technologies and theories supporting computing and software systems with a focus on distributed and networked computing. The master's program requires more intensive work in the theoretical concepts of computer science than does the bachelor's program in CSS. In addition, it requires that a student demonstrate the ability to synthesize and apply those concepts outside the classroom.

These goals are achieved in three stages:

- Foundational courses to emphasize theoretical (conceptual) as well as practical (embodied) knowledge.
- Theory courses that refine critical thinking skills and breadth of knowledge.
- Thesis, significant capstone design project or course-only option (15 credits of 500-level courses) to strengthen confidence, leadership ability and communication skills.

Students completing the M.S. degree will attain the following competencies:

- An understanding of business and team communication models as they apply to software design and development.
- Familiarity with the software development life cycle, both in theory and application.
- Skill in developing distributed and Web-based applications using the C++ and Java programming languages, along with the ability to learn new languages rapidly.
- Field experience through participation in a cooperative software development project, industrial internship or directed research project.
- A foundation for self-directed learning to stay at the leading edge of this fast-changing field.

OVERVIEW

The Institute of Technology at the University of Washington, Tacoma, launched in 2001, serves as home for the Computing and Software Systems program. Through innovative partnerships with area companies, the Institute helps students gain practical work experience and meets continually changing industry needs. The Institute also provides services to attract and support students from diverse educational, economic and ethnic backgrounds.

Phone: (253) 692-5860

Fax: (253) 692-5862

Office: Pinkerton 210

Campus box: 358426

Web site: www.insttech.washington.edu

E-mail: uwtech@u.washington.edu

Director: Orlando Baiocchi

Graduate Program Coordinator:
George Mobus

Assistant Director, Student Development:
Fiona Johnson

Administrator: Jessica Roshan

Adviser: Christine Rials

Entry Tracks

The M.S. program has two options for entering students. Each option culminates with one of two capstone course options—a thesis or design project—that demonstrates the student's ability to apply theoretical concepts outside the classroom. In lieu of the capstone, students can opt to take an additional 15 CSS elective credits at the 500 level. This option would lengthen the degree program by five credits.

Entry Track I

Track I is for students with undergraduate degrees in non-computing-related disciplines who may not have completed extensive coursework in mathematics, physics, programming and other required subjects. This 60-credit program exposes students to the basic theoretical concepts of computing and moves them to higher-level study through a well-articulated sequence of courses.

Entry Track I consists of the following courses:

- TCSS 572 Design of Computing Systems
- TCSS 560 Software Development & Quality Assurance Techniques
- TCSS 522 Computer Operating Systems
- TCSS 545 Database Systems Design
- TCSS 558 Distributed Applied Programming
- TCSS 543 Advanced Algorithms
- TCSS 400-level elective course (5 credits)
- TCSS 500-level elective courses (10 credits)
- TCSS 598 Master's Seminar in CSS (5 credits)
- TCSS 700/702 Thesis/Project (10 credits) or Course-only option (15 credits of 500-level CSS courses)

Entry Track II

Track II is for students who have a bachelor's degree in computer science, computing, software systems or computer engineering or those who have a bachelor's degree in a closely related field and significant industrial experience in computer science or engineering.

Track II consists of the following courses:

- TCSS 558 Distributed Applied Programming
- TCSS 543 Advanced Algorithms
- TCSS 400-level elective course (5 credits)

- TCSS 500-level elective courses (10 credits)
- TCSS 598 Master's Seminar in CSS
- TCSS 700/702 Thesis/Project (10 credits) or Course-only option (15 credits of 500-level courses)

Admission Requirements

Applicants must provide evidence of the successful completion of a baccalaureate degree from an accredited institution with at least a 3.0 GPA. All candidates must demonstrate successful completion of coursework in:

- Calculus
- Science (physics preferred)
- Object-oriented design and programming (Java preferred)
- Discrete Structures I
- Discrete Structures II
- Data Structures
- Algorithms

Application Process

Those interested in enrolling in the Master of Science in Computing and Software Systems should make an appointment with an adviser by calling (253) 692-5860. Details about the curriculum and prerequisites are available from advisers.

Course Descriptions

For the most current course information, please consult the Institute of Technology Web site: www.insttech.washington.edu.

TCSS 522 Computer Operating Systems 5 credits / Prerequisite: TCSS 543

Examines the fundamental concepts of operating systems and how they function. Includes process management, memory management, file systems, concurrency, interprocess communication, graphical interfaces and security.

TCSS 523 Data Compression 5 credits

Covers a broad range of compression techniques, as well as their implementations in today's compression standards. Techniques include block-based codes, dictionary coding, predictive coding, vector quantization, and transform coding, including wavelets. Covers selected standards for text, image, video and audio compression.

TCSS 543 Advanced Algorithms 5 credits / Prerequisite: TCSS 342

Prepares students for the analysis and application of advanced algorithms. Covers advanced graph, number-theoretic (with applications to cryptography), online, approximation (with performance guarantees) and probabilistic algorithms. Turing machines and NP-completeness are covered.

TCSS 545 Database Systems Design 5 credits / Prerequisite: TCSS 343

Examines the fundamental concepts, system organization, and implementation of database systems. Particular emphasis will be placed on 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, and issues involving distributed database systems.

TCSS 555 Data Mining 5 credits

Covers methods and systems for data mining and discovering knowledge from data; mining system architectures; concept learning; text and multimedia mining; decision trees; Bayesian and belief networks; neural networks; case-based reasoning; cluster and multidimensional analysis; several application; tools to build new applications; knowledge discovery.

TCSS 558 Applied Distributed Computing 5 credits / Prerequisites: TCSS 443, TCSS 445

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 and more.

TCSS 559 Web Services 5 credits / Prerequisite: TCSS 558

Investigates a service-oriented computing paradigm for use with the Internet, web services. Includes comparisons of distributed computing paradigms, enterprise application integration, service oriented architecture, web services concepts, web services technologies, service coordination protocols, service compositions and service applications.

TCSS 560 Software Engineering 5 credits

Prepares students for developing software applications within a human and organizational setting. Focuses on the software development life cycle, requirements gathering and analysis, design methodologies and notations, verification and validation, software measurement and quality assurance.

TCSS 568**Service-Oriented Computing***5 credits / Prerequisite: TCSS 558*

Investigates a service-oriented computing paradigm for distributed computing applications. Includes review and analysis of different service concepts (e.g., grid services), service-oriented architecture, service discovery, composition and collaboration, mathematical foundations of services, service modeling and design, and case studies on service-based applications.

TCSS 570**Introduction to Parallel Computing***5 credits / Prerequisite: TCSS 543*

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.

TCSS 572**Computing Systems Design***5 credits / Prerequisite: TCSS 343 or equivalent*

Covers machine organization/architecture, systems software and networking of computers for distributed applications. Includes design of CPU, memory, I/O and assembly language. Network topics include protocols and programming applications distributed over multiple systems.

TCSS 581**Cryptology***5 credits / Prerequisite: TCSS 543*

Covers simple ciphers, block and stream ciphers, attacks, public-key ciphers, electronic signature, cryptographic algorithms and real-world examples.

TCSS 588**Informatics***5 credits / Prerequisite: TCSS 543*

Covers methods and systems for the application of computer science to biology, medicine, genomics and proteomics, biological domain background, machine learning, statistical learning, markov models, case-based reasoning, neural networks, semantic approaches, evolutionary computing, stochastic grammars and linguistics and grid computing.

TCSS 590**Special Topics in CSS***5 credits*

Examines current graduate-level topics and issues associated with computing and software systems. *Permission of instructor and completion of core courses required.*

TCSS 598**Master's Seminar in CSS***5 credits*

Surveys the canonical literature pertinent to a master of science in CSS. Readings in research and applied computing will be assigned to provide grounding in master's-level work. Weekly discussions of topics taken from the readings.

TCSS 600**Independent Study in CSS***1-10 credits, max. 10 / Prerequisite: TCSS 543, TCSS 558*

Examines current topics and issues associated with computing and software systems.

TCSS 700**Master's Thesis in CSS***1-10 credits / Prerequisite: TCSS 540, TCSS 558*

Research project lead by a CSS graduate faculty member.

TCSS 702**Design Project in CSS***1-10 credits / Prerequisite: TCSS 540, TCSS 558*

Significant design and implementation project lead by a CSS graduate faculty member.

Faculty**Orlando Baiocchi****Director and Professor**

Computing and Software Systems
Electrical Engineering; Ph.D., University
College in London, 1976.

Isabelle Bichindaritz

Assistant Professor, Computing and Software
Systems; Computer Science; Ph.D., University
Rene Descartes (Paris), 1994.

Donald Chinn

Assistant Professor, Computing and Software
Systems; Computer Science; Ph.D., University
of Washington, 1995.

Sam Chung

Assistant Professor, Computing and Software
Systems; Computer Science; Ph.D., University
of South Florida, 1995.

Larry A. Crum

Professor, Computing and Software Systems
Electrical Engineering; Ph.D., Marquette
University, 1971.

Steve Hanks

Professor, Computing and Software Systems;
Computer Science; Ph.D., Yale University,
1990.

Edwin Hong

Assistant Professor, Computing and Software
Systems; Computer Science; Ph.D., University
of Washington, 2001.

George Mobus

Associate Professor, Computing and Software
Systems; Computer Science; Ph.D., University
of North Texas, 1994.

Moshe Rosenfeld

Professor, Computing and Software Systems;
Mathematics; Ph.D., Hebrew University of
Jerusalem, 1967.

Josh Tenenberg

Associate Professor, Computing and Software
Systems; Computer Science; Ph.D., University
of Rochester, 1988.

Education

Master of Education • Educational Administrator • Professional Certificate

Master of Education

The Master of Education degree program is designed to build upon the skills, knowledge and commitment of practicing educators. The focus is on the K-12 teacher and that teacher's continuing professional development. Underlying the program is a vision of the teacher as one who is broadly educated and continuing to learn, skilled and committed to the craft of teaching and entrusted to nurture the greatest human potential in every learner.

The Master of Education degree is designed as a full-time or part-time program of study. Generally, the core and study-option courses are completed in the first year; students complete their elective courses and culminating experience the second year. To meet the needs of students who are employed during the weekday, courses follow an evening schedule, though some courses may be offered on Saturdays. For current information visit us online at: www.tacoma.washington.edu/education.

About the Curriculum

The Master of Education focuses on the K-12 teacher and his or her continuing professional development in foundations of education, content, pedagogy and management skills. Students must complete a minimum of 45 quarter credits (49 quarter credits for Special Education). There are six required components of the Master of Education degree:

Core Courses

The core courses provide the background, perspectives and resources necessary for in-depth work in the area of specialization. They prepare individuals to understand basics of theory and research in education. All students are required to complete a total of 13 quarter credits as follows:

COURSE NO.	TITLE (CREDITS)
TEDUC 501	Education in Society (3)
TEDUC 502	Learning about Learning (3)
TEDUC 503	Educational Measurement (3)
TEDUC 504	Understanding Educational Research (3) (Prerequisite: TEDUC 503)
TEDUC 506	Seminar in Graduate Writing (1)

Technology Course

Students must complete a technology course selected in consultation with an adviser. Normally, students complete TEDUC 566, Education and Technology.

Study Option

The study option provides focused study in one specialized area of education. Students must select one study option and complete the required courses. Study options are:

Teacher Education

With emphasis in:

- Elementary Education
- Special Education (*in development*)

At Risk

With emphasis in:

- At-Risk Learner
- ESL (*in development*)
- Reading/Literacy
- Special Education

Science/Math

With emphasis in:

- Science
- Mathematics (*in development*)
- Middle Level Math/Science (*in development*)

OVERVIEW

Believing that given the right circumstances, all children can learn, the UWT Education program is dedicated to discovering and teaching the best practices in instruction. We have hope for the future of our community and agree to provide it with superbly prepared educators—with skills to teach and care for all children.

Phone: (253) 692-4430

Fax: (253) 692-5612

Office: WCG 324

Campus box: 358435

Web site:

www.tacoma.washington.edu/education

Director: Ginger MacDonald

Administrator: Sara Contreras

Adviser: Mary Kubiszewski

Humanities (in development)

With emphasis in:

- English/Language
- Middle Level Humanities
- Multicultural Education
- Social Studies

Leadership

With emphasis in:

- Principal/Educational Administrator
- Teacher (*in development*)
- Technology (*in development*)

Education Electives

The education electives provide an opportunity to explore areas of individual interest and gain depth in specific content. Courses must be selected from offerings within the master of education program and in consultation with an adviser. Note that there are several study options that do not include an education elective component.

Non-Education Electives

Students must complete a minimum of three quarter credits (maximum 10 credits) of non-education electives outside the master of education program. These credits must be at least 400-level and can be selected from other UWT academic programs. For students seeking an endorsement, these credits must be taken within the student's content area. Note that there are several study options that do not include a non-education elective component.

Culminating Experience

Each student will participate in a culminating experience. This component of the program allows students to gain more applied knowledge of the field and synthesize prior learning. There are two pathways for this experience outlined below: Project Pathway and Practicum Pathway. Students will select the pathway for their culminating experience in consultation with their academic adviser. Students completing the Special Education and At Risk study options must enroll in the Practicum Pathway.

Project Pathway

The Project pathway involves the design and implementation of a project in which students combine theoretical knowledge and pedagogical expertise to improve current practice in an educational setting.

Autumn Quarter
TEDUC 599 (3 credits)
Culminating Project: Proposal

Winter Quarter
TEDUC 599 (3 credits)
Culminating Project: Data Collection

Spring Quarter
TEDUC 599 (3 credits)
Culminating Project: Written Report

Practicum Pathway

The Practicum Pathway is intended to provide students the opportunity to integrate and apply theory and research in working with at-risk students to an education setting. The Practicum Pathway consists of two practicum seminars and the Comprehensive Examination.

Autumn Quarter
TEDUC 593 or TEDSP 593 (3 credits)
Practicum I

Winter Quarter
TEDUC 594 or TEDSP 594 (3 credits)
Practicum II

Spring Quarter
Comprehensive Examination

Comprehensive Examination

The Comprehensive Examination is a written essay exam. The test takes approximately four hours. Students electing the Practicum Pathway must pass the Comprehensive Examination in order to complete graduation requirements.

Praxis II Examination

A passing score on the Praxis II exam is required for students wishing to add an endorsement to their teaching certificates. For more information, visit the Praxis Series Web site.

Admission Requirements

Admission to the Master of Education program requires that applicants be simultaneously admitted to the UW Tacoma Education program and the Graduate School of the University of Washington.

To qualify for consideration, applicants must:

- Have earned a bachelor's degree from an accredited institution.
- Have a grade-point average of 3.0 calculated from the final 90 graded quarter credits or 60 graded semester credits.
- Submit one official sealed transcript from each collegiate institution attended. Upon admission, a second transcript showing the conferral of your bachelor's degree must be submitted before you enroll. (If the student's baccalaureate degree is from the University of Washington, a second transcript is not necessary.)
- Submit a personal goal statement of one or two pages describing how graduate study will enhance your professional growth. The goal statement is an important part of the application because it allows you to share a part of yourself that we typically would not see in your GPA.

- Submit two confidential, sealed letters of recommendation.
- Have a valid teaching certificate or equivalent teaching experience.
- Submit Graduate Record Exam (GRE) General Test scores. UWT's institution code is R4854; the department code is "Education."

Degree Requirements

To be eligible for a UWT Master of Education, a student must meet the following UW requirements:

- Complete a minimum of 45 quarter credits in upper-division and graduate-level courses applicable to the degree. The Special Education Study Option requires 49-50 quarter credits. Courses taken through correspondence, distance learning or independent study through correspondence will not meet graduate degree requirements.
- Obtain at least 18 of the minimum 36 quarter credits for work numbered 500 and above.
- Earn a minimum of 30 credits at the University of Washington, Tacoma.
- Earn numerical grades in at least 18 quarter credits of coursework taken at the University of Washington, Tacoma.
- Be registered for and successfully complete a minimum of two quarter credits at UWT during the quarter in which the degree is to be conferred.
- Arrange to remove any X, N or I grades or grades with DR designation posted on the student's transcript for courses needed to satisfy degree requirements. (If the course is a degree requirement and the two-year limit to remove the I grade has passed, the student will need to retake the course.) These courses must be successfully completed by the end of the quarter in which the student expects to receive the degree.
- Earn a grade of 2.7 or better on all coursework used to satisfy the M.Ed. degree requirements, and a minimum cumulative grade-point average of 3.0.
- Complete the program requirements (petitioned courses approved for transfer included) within a six-year time period. This includes quarters spent on leave or out of status and applicable work transferred from other institutions. Courses may not be transferred that were used to satisfy requirements for another degree. The courses to be transferred must be approved by the UW Education program and UW Graduate School.

Graduation Requirements

To be eligible for a graduate degree from UWT, students must also:

- Maintain continuous enrollment, be enrolled or have on-leave status every quarter beginning with the quarter of admission into the Graduate School up to and including the quarter in which the degree will be conferred. An application for on-leave status must be filed for any quarter, summer excluded, in which the student will not be attending. Applications for on-leave status must be filed no later than the fifth day of the quarter in which the student will be on leave; the application fee is \$35 and is nonrefundable. Students must apply through the UWT Education Program.
- Submit formal UW application for the master's degree. This application is now initiated online: <http://www.grad.washington.edu/stsv/mastapp.htm>. See Graduate Degree Application Process on page 112 for more information.
- Students must satisfy the requirements for the degree that are in force at the time the degree is to be awarded.
- Complete the Course of Study form and submit to the Education Program office in Room WCG 324. The form is available online at www.tacoma.washington.edu/education.
- Complete all requirements of the Culminating Experience.

Educational Administrator

The University of Washington, Tacoma, prepares educational administrators for their role in school and district leadership. Unique features of this four-quarter program include:

- A cohort of potential leaders from local schools and districts
- All quarters of the program include integration of university-based learning and field-based learning
- Integrated curriculum grounded in best practice as determined by theory, research and school-based, experienced faculty.
- Design and implementation of strategies to improve student achievement
- Curriculum taught in time synchrony with school's administrator calendar
- Leadership in implementation of national and state school reform
- Weekly reflective seminars

Application Requirements

To be admitted to the Educational Administrator program at the University of Washington, Tacoma, applicants must simultaneously be admitted to the Graduate School of the University of Washington. The Graduate School requires all applicants to either apply online at <https://www.grad.washington.edu/application> or download paper forms from their Web site at <http://www.grad.washington.edu/admissions/application>. It is very important to submit all application documents in time to meet the published deadline, as this will supersede graduate admission deadlines. Visit the UWT Education Program Web site for the most current information.

In addition to the completed application forms, the following are required:

- Bachelor's degree from an accredited institution.
- 3.0 grade-point average calculated from the applicant's final 90 graded quarter credits (60 graded semester credits).
- One official sealed transcript from each collegiate institution attended. Upon admission, a second transcript showing the conferral of your bachelor's degree must be submitted before you enroll. (Applicants who received their baccalaureate degree from the University of Washington do not need to submit a second transcript.)

- Written goal statement of two to three pages describing how graduate study will enhance the applicant's professional growth. The goal statement is an important part of the application because it allows applicants to share a part of themselves that the admission committee typically would not see in their GPA.
- Résumé of professional experience, educational background and other relevant information including volunteer experience.
- Internship Agreement form.
- Three confidential sealed letters of recommendation (one of which must come from the sponsoring principal/administrator).
- Valid teaching certificate or ESA certificate (Principal Certificate applicants only).
- Prerequisite Experience form (Principal Certificate applicants only).
- Graduate Record Exam (GRE) General Test scores (for applicants who do not already hold a master's degree).

Selected finalists will be invited for a personal interview.

Professional Certificate

The Professional Certificate is required of all teachers who hold a Residency Certificate in Washington state. Teachers are expected to earn the Professional Certificate within five years of receiving their Residency Certificate.

- The Professional Certificate is performance-based.
- The performance indicators for the Professional Certificate standards will be consistent across university programs as will the Professional Growth Plan (PGP)* format.
- A teacher may begin the Professional Certificate if he or she is employed as a contracted teacher and has completed provisional status employment **OR** has a statement from her or his employing school district supporting the teacher's enrollment in the program. The Residency Certificate may be renewed once for two years by a teacher who is enrolled in a Professional Certificate program and is making satisfactory progress in the program.
- The Professional Certificate relies heavily on the production of school- and classroom-based performance indicators that are evaluated by members of the Professional Growth Team (PGT).**
- The PGP is intended to reflect the candidate's teaching context and requires that the candidate provide evidence that demonstrates a positive

impact of his or her teaching upon student learning.

- The Professional Certificate is intended to be a coordinated package that includes courses, internships, experiences, district in-service and projects designed to achieve the goals of the candidate's PGP.
- The process requires collaboration among members of the PGT to reach consensus regarding the content—coursework, experiences, competencies, knowledge and skills—of the candidate's PGP.

Admission Requirements

To be admitted to the Professional Certificate program at the University of Washington, Tacoma applicants must meet the following requirements:

- Bachelor's degree from an accredited institution.
- 3.0 grade point average calculated from the applicant's final 90 graded quarter credits (60 semester credits).
- One official sealed transcript from each collegiate institution attended.

PROFESSIONAL CERTIFICATE STUDY OPTIONS

Option 1

Professional Certificate ONLY
17 credits minimum

Pre-assessment Seminar3 credits
Offered Spring and Autumn Quarters

Professional Certificate coursework 12 credits

Sample plans:

Four 3-credit courses in M.Ed. program
or

Two 5-credit courses in IAS program

One 3-credit course in M.Ed. program
or

12 UWT credits plus workshops, clock hours or other assignments as determined by the Professional Growth Team

Culminating Seminar2 credits
Offered Winter and Summer Quarters

Timeline

1-2 academic years including Summer Quarter

Option 2

Professional Certificate with M.Ed.
45-53 credits

Pre-assessment Seminar3 credits
Offered Spring and Autumn Quarters

UWT Core coursework 12 credits

Professional Certificate coursework by study option

At-Risk..... 12 credits

Integrated Curriculum 12 credits

Science Education9 credits

Special Education 24 credits

Plus electives as determined by Professional Growth Team

Project Pathway9 credits

OR

**Practicum Pathway/
Comprehensive Exam**6 credits

Culminating Seminar2 credits
Offered Winter and Summer Quarters

Timeline

2-3 academic years including Summer Quarter

* The Professional Growth Plan is a plan containing a comprehensive description of evidence which will show that the candidate for the Professional Certificate meets the standards of effective teaching, professional development and leadership found in WAC 180-78A-540.

**The Professional Growth Team is a team comprised of the candidate, a colleague specified by the candidate, a college or university adviser and a representative from the school district in which the candidate teaches.

Upon admission, a second transcript showing the conferral of your bachelor's degree must be submitted before you enroll. (Applicants who received their baccalaureate degree from the University of Washington do not need to submit a second transcript.)

- Written goal statement of two to three pages describing how graduate study will enhance the applicant's professional growth. The goal statement is an important part of the application because it allows applicants to share a part of themselves that the admission committee typically would not see in their GPA.
- Personal Data form.
- Two confidential, sealed letters of recommendation, one of which must come from the sponsoring principal/administrator.
- Valid teaching certificate.
- Documentation of completion of provisional status **OR** a statement from the employing school district supporting the teacher's enrollment in the program.
- Form SPI4421 (Provisional Status Completion form).
- GRE scores (if pursuing the M.Ed.).

Application Procedures

Applicant can choose to pursue the Professional Certificate with a Master of Education degree or the Professional Certificate only. Application procedures differ depending on which option is chosen.

Option 1: Professional Certificate with M.Ed.

To apply for the Master of Education program, please review the current M.Ed. application requirements (see page 119). Application materials are available online. For questions about the Master of Education program, please contact the adviser, Mary Kubiszewski, at (253) 692-4437 or mkubis@u.washington.edu.

Option 2: Professional Certificate Only

To apply for the certificate-only program, please contact the Education program office at (253) 692-4430 or uwted@u.washington.edu to request the appropriate application forms. Please state that you are pursuing the Professional Certificate only. Applicants pursuing only the Professional Certificate must enroll in the Preassessment Seminar in their first quarter. Please note that the seminar may not be offered every quarter.

Course Descriptions

For the most current course information, please consult the Education program Web site: www.tacoma.washington.edu/education.

TEDUC 501 Education and Society: Political, Economic and Cultural Perspectives 3 credits

An inquiry into the historical, philosophical, and social forces that impinge upon, augment, or contradict the educational mission of public schools. Topics include relationships between education and social power, issues of gender, race and class, the sources of the crisis in learning and schooling, school reform, and the potential for teacher-led educational change.

TEDUC 502 Learning About Learning 3 credits

In this course we will explore four contemporary theories of learning: behaviorism, cognitive science, constructivism, and social constructivism. Specifically, we will analyze and critique each theory as they apply to classroom teaching. Course participants will lead class discussions, as well as develop curricula grounded in educational theory. The goal of the course is to expand teachers' understandings of the psychological and socio-psychological contexts within which students conduct the educational process.

TEDUC 503 Educational Measurement 3 credits

Introduces elements of measurement essential to good teaching. Emphasizes critical thinking about assessment instruments, evaluation of assessment instruments, innovative curricula, and other instructional materials. Focuses on initial knowledge and skills in the evaluation of published research (e.g., qualitative, quantitative, action, program evaluation), that more fully developed in TEDUC 504.

TEDUC 504 Understanding Educational Research 3 credits / Prerequisite: TEDUC 503

This course introduces students to research in the behavioral and social sciences relevant to study of education. The course is designed to give students the opportunity to review and critically analyze research representing several methodologies. This is a consumer-oriented course. Emphasis is placed on the evaluation of research literature and the generalizability of research findings.

TEDUC 506 Seminar in Graduate Writing 1 credit

Teaches writing styles specific to the Publication Manual of the American Psychological Association (APA).

TEDUC 510 Current Issues for Teachers of Science 3 credits

Explores current science education reform issues for practicing K-12 teachers. Focuses on current science education research, models of curriculum design, selecting and adopting science curricula, assessing student learning, evaluating science curricula and opportunities for professional development.

TEDUC 511 Inquiry in the Science Classroom 3 credits

Enhances teachers' pedagogical knowledge and skills in science with a hands-on methods course for practicing K-12 teachers. Explores models of inquiry and instructional strategies that facilitate students' learning of scientific. Addresses the Washington State Essential Academic Learning Requirements.

TEDUC 513 Using Technology in Science Education 3 credits

Hands-on introduction to technological resources for science instruction. Covers new technology and evaluating how technology is used in classroom instruction. Emphasis on curriculum development using technology as a primary means of instruction. Addresses the Washington State Essential Academic Learning Requirements.

TEDUC 520 Multicultural Education 3 credits

A critical exploration of the major intellectual, political and pedagogical issues in multicultural education. We will consider the major proponents and critics of multicultural education, study institutional and cultural discrimination related to race, class and gender, and weigh the relationship between schooling and the reproduction of stratification and discrimination.

TEDUC 521 Race, Class and Gender in U. S. Education 3 credits

This course will investigate the ways in which race, class and gender biases are produced and reproduced in the society, and explore the ways in which race, class and gender intersect and influence educational practice and research. That investigation will, in turn, be brought to bear upon the goals, concepts, theories and dimensions of multicultural education as developed in TEDUC 520.

TEDUC 522 Instructional Issues in Multicultural Classrooms 3 credits

Multicultural education requires specific skills, attitudes, understandings, and resources. This course seeks to build the foundation for those prerequisite abilities, offering practice in culturally sensitive, inclusive pedagogical techniques, assessments of racial, ethnic, gender, and class attitudes, insight into ethical and political issues in education and multiculturalism, and skills in creating or gaining access to appropriate curricular and classroom resources.

TEDUC 530**Curriculum Inquiry***3 credits*

This course deals with reading, writing, and thinking as it occurs in various specific and integrated content areas of the school curriculum in grades K-12. The goal of this course is to equip teachers with ideas and strategies to enhance instructional effectiveness across the curriculum.

TEDUC 531**Curricular Uses of Children's and Young Adult Literature***3 credits*

This course addresses the issues and strategies in using children's and young adult literature across the curriculum in K-12 classrooms. Students will become familiar with the variety of trade books currently available. Theory and techniques for creating a literature-based program will also be discussed.

TEDUC 532**Interdisciplinary Design and Instruction***3 credits*

This course deals with pedagogical issues encountered by elementary, junior and high school teachers who plan to develop interdisciplinary instruction. Students will be encouraged to ask critical questions, hypothesize possible solutions, and explore ways which promote high-level thinking and stress democratic values.

TEDUC 533**Self-Esteem, Self-Concept, and Self-Efficacy: Curricular and Instructional Issues***3 credits*

This course will provide information on research and theory in the psychological constructs related to self. Students will explore how to translate research into classroom practice in various content areas especially for the gifted and at-risk student populations.

TEDUC 534**Process Writing Across the Curriculum***3 credits*

This theory-into-practice course will study research and theories on writing development in school children, examine the relationships among reading, writing and content knowledge acquisition, and experiment with writing methods for classroom teachers.

TEDUC 535**Integrated Curriculum: Exploring Critical Issues in Health and Society through Children's and Young Adult Literature***3 credits*

Health issues have become personal and societal concerns. The purpose of this course is to provide relevant information on current health issues, to create conceptual frameworks on health education, and to explore ways to integrate health issues into reading, writing, literature, social studies and health science in the K-12 curriculum and community settings.

TEDUC 536**Classroom Assessment: Literacy and Numeracy***3 credits*

This course prepares classroom teachers to analyze current curricula and instructional strategies in literacy and numeracy. The focus on this course is to design effective assessment tools which assess students' achievement in reading, writing and mathematics.

TEDUC 537**Classroom Assessment: Content Area Assessment***3 credits*

This course guides teachers to understand the curricular standards and methods of inquiry in science, social studies, health and arts. The emphasis is to develop curriculum, instruction and assessment alignment in classrooms.

TEDUC 538**Classroom Assessment: Critical Issues***3 credits*

Drawing on history, sociology, critical theory and other academic traditions, this course seeks to nurture critical perspectives on contemporary classroom and student assessment processes. The goal is classroom assessment that is equitable, authentic and publicly accountable.

TEDUC 539**Introduction to Exceptionalities***3 credits*

Provides an overview of all disabling conditions including low and high incidence disabilities. Examines the nature of various disabilities, program implications, and the continuum of delivery options available to special education students.

TEDUC 540**At-Risk Students and Students with Disabilities: Critical Issues***3 credits*

This course is designed to provide several perspectives on the education of at-risk students and students with disabilities. The first half of the course will focus on issues of identification, assessment and instructional delivery. The second half of the course will emphasize the role teachers play in reducing academic failure and increasing the opportunity for success in school. Upon completion of the course, students will have a stronger understanding of the problems and issues faced by at-risk students and students with disabilities in public schools.

TEDUC 541**Literacy Instruction for Diverse Students***3 credits*

This course is designed to provide students with the theoretical and empirical foundations for designing effective literacy instruction for diverse students. Content covered in the course includes issues in beginning reading instruction, analysis and modification of instructional materials, and the integration of reading and language arts. The course is designed for elementary teachers, along with secondary teachers who teach remedial students.

TEDUC 542**Structuring the Classroom for Success***3 credits*

This course is designed to help teachers of at-risk/mainstreamed students create a well-managed classroom and school environment that supports students' personal growth and promotes academic success. The course will address alternative delivery systems and strategies for meeting individual needs.

TEDUC 543**Mathematics Challenges for Diverse Students***3 credits*

This course is designed to examine instructional issues in the teaching of mathematics to at-risk/mainstream K-8 students. It will include: a) the assessment of student performance, b) the evaluation and modification of instructional curricula, and c) the design of generalizable problem-solving strategies.

TEDUC 547**School Law***3 credits*

A broad introduction to the laws, regulations, and court decisions that directly affect the actions and decisions made by teachers and administrators, with a special emphasis on the education of students with disabilities.

TEDUC 550**Pre-assessment Seminar***3 credits*

Provides students the knowledge and skills needed to demonstrate successfully the standards and criteria required for the individualized Personal Growth Plan (PGP), identifying professional strengths and growth areas for focus during the certification process. \$250 course fee added to tuition. *Credit/No Credit only.*

TEDUC 551**Theories of Organizational Change and School Reform***3 credits*

Both the advent of "site-based management," and increased dissatisfaction among teachers with the educational status quo, have generated interest among teachers in taking leadership in educational reform. This course provides an analysis of current theories of how organizations change, and the implications of those theories for contemporary school reform initiatives, for increasing the effectiveness of teachers in contributing to school reform.

TEDUC 552**Professional Certificate Culminating Seminar***2 credits*

Provides the knowledge and skills needed to demonstrate successfully the standards and criteria required for the individualized Personal Growth Plan (PGP). Identifies professional strengths and growth areas on which the student will focus during the certification process.

TEDUC 553**Social Contexts of Adolescence***3 credits*

Since the “discovery” or “invention” of adolescence nearly a century ago, problems of adolescents have preoccupied researchers and educators. How does the social construction of adolescence affect young people and their schooling? What is the relationship of the problems of adolescence to the construction of “at-risk” students? What interventions are available to educators to provide adolescents with successful transitions through this period?

TEDUC 566**Education and Technology***3 credits*

Gives practicing teachers exposure to the new tools of technology and a chance to learn how to use those that are available to them. In the context of seminar discussion, teachers will look at issues related to technology in the educational setting. Teachers will evaluate how technology can be used effectively in classroom instruction.

TEDUC 567**Curriculum Design and Educational Technology***3 credits*

This advanced educational technology course will explore the intersections of educational reform, curriculum design, the World Wide Web, virtual community, virtual reality, and distance learning. Using the newest tools in educational technology, the course will focus on designing a curriculum unit in a content area.

TEDUC 568**Technology Leadership and School Change***3 credits*

Examines the nature of technology leadership and the challenges inherent in creating change in schools. Equips participants to assume the role of technology leader in their schools and districts. Includes the nature of leadership, managing school change, and organizational development with respect to technology planning.

TEDUC 570**Curriculum and Instruction***4 credits*

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.

TEDUC 571**Introduction to Leadership***2 credits*

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.

TEDUC 572**School Law for Educational Administrators***3 credits*

Explores Federal and State law that principals and district administrators are responsible to know and administer, including special education.

TEDUC 573**Supervision of Instruction***3 credits*

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.

TEDUC 574**Challenges in Educational Administration***3 credits*

Focuses on challenges of being a building or district educational leader, such as crisis management, conflict resolution, media relationships and the skills of delegation. Content partially defined by current challenges in the student’s intern experiences.

TEDUC 575**Leadership in a Changing Society***3 credits*

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.

TEDUC 576**School-Wide Assessment***3 credits*

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.

TEDUC 577**School Finance and Educational Policy***3 credits*

Addresses issues of school finance from national, regional, and local perspectives. Develops with district and school budgeting, fundraising, levies, ASB and athletic funding issues, as well as legislative relations.

TEDUC 578**Group Leadership in Educational Administration***3 credits*

Focuses on personal-professional development and how educational leaders facilitate professional development in others.

TEDUC 579**Human Resources***4 credits*

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.

TEDUC 580**Reflective Seminar for Administrators***3 credits*

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.

TEDUC 581**Internship for Administrators***2-4 credits, max. 14 credits*

Field-based practicum which focuses on the application of theoretical and research knowledge in instruction, management, and leadership.

TEDUC 591**Special Topics in Education***1-9 credits*

Graduate course offerings that respond to faculty and students’ needs and interests. Topics will vary.

TEDUC 592**Independent Study***1-9 credits*

Faculty-supervised independent study or readings in areas of education of special interest or need to the student. Topics will vary. *Permission of instructor and approved program of study or readings required.*

TEDUC 593**Practicum Seminar I***3 credits*

The goal of the practicum seminars is the improvement of educational practice. The seminars will provide students with the background, knowledge, and opportunity to explore research-based practices with students in classrooms. Students will normally take six credits of practicum seminars.

TEDUC 594**Practicum Seminar II***3 credits*

This is the second of two practicum seminars designed to improve professional practice normally taken after TEDUC 593.

TEDUC 599**Culminating Project***1-13 credits*

A final master’s project designed in collaboration with faculty as an application of the theory and research studied in the master’s degree program. Students who have taken TEDUC/TEDSP 593 and TEDUC/TEDSP 594 will normally complete a three-credit project; by permission, students may opt for a nine-credit project in lieu of the practicum seminars. No TEDUC 599 credits may be applied to the coursework requirements of the degree program. *Required for fulfillment of the Master of Education degree.*

Special Education

TEDSP 539

Introduction to Exceptionalities

3 credits

Provides an overview of all disabling conditions including low and high incidence disabilities. Examines the nature of various disabilities, program implications, and the continuum of delivery options available to special education students.

TEDSP 540

At-Risk Students and Students with Disabilities: Critical Issues

3 credits

This course is designed to provide several perspectives on the education of at-risk students and students with disabilities. The first half of the course will focus on issues of identification, assessment and instructional delivery. The second half of the course will emphasize the role teachers play in reducing academic failure and increasing the opportunity for success in school. Upon completion of the course, students will have a stronger understanding of the problems and issues faced by at-risk students and students with disabilities in public schools.

TEDSP 541

Literacy Instruction for Diverse Students

3 credits

This course is designed to provide students with the theoretical and empirical foundations for designing effective literacy instruction for diverse students. Content covered in the course includes issues in beginning reading instruction, analysis and modification of instructional materials, and the integration of reading and language arts. The course is designed for elementary teachers, along with secondary teachers who teach remedial students.

TEDSP 542

Structuring the Classroom for Success

3 credits

This course is designed to help teachers of at-risk/mainstreamed students create a well-managed classroom and school environment that supports students' personal growth and promotes academic success. The course will address alternative delivery systems and strategies for meeting individual needs.

TEDSP 543

Mathematics Challenges for Diverse Students

3 credits

This course is designed to examine instructional issues in the teaching of mathematics to at-risk/mainstream K-8 students. It will include: a) the assessment of student performance, b) the evaluation and modification of instructional curricula, and c) the design of generalizable problem-solving strategies.

TEDSP 544

Special Education Assessment and Evaluation

3 credits

Explores the main purposes for educational assessment of students with disabilities including the social, legal, and ethical considerations involved in educational assessments. Addresses

the roles and responsibilities of each member of the assessment team. Discusses various measurements including standardized tests, norm criterion, referenced, and curriculum-based assessment.

TEDSP 545

Introduction to Emotional Behavioral Disabilities

3 credits

Examines the theories relative to teaching children and youth with emotional behavioral disorders. Discusses factors such as family, biological, school, and other environmental influences. Addresses classroom strategies based on student assessment and evaluation, including functional behavior assessment and positive behavior intervention plans.

TEDSP 546

Collaborative Consultation

3 credits

With current changes in both instructional delivery systems for students with disabilities, and in the law, the need for collaboration between general and special educators is growing. The course will provide an overview of the knowledge and skills necessary to become a full participant in school-based collaboration model.

TEDSP 547

Special Education and the Law

3 credits

A complex set of laws, regulations, and court cases have built up in recent years that govern the education of students with disabilities. This course provides a comprehensive introduction to the legal issues in special education, approached through the larger context of education law.

TEDSP 548

Issues in Transition Planning for Special Education

3 credits

Focuses on the issues in transition planning for children and youth with disabilities and their families. Addresses the role of the general education and special education teacher, paraeducators, and community partners to provide seamless and appropriate services to children with disabilities and their families.

TEDSP 593

Practicum Seminar I

3 credits

The goal of the practicum seminars is the improvement of educational practice. The seminars will provide students with the background, knowledge, and opportunity to explore research-based practices with students in classrooms. Students will normally take six credits of practicum seminars.

TEDSP 594

Special Education Seminar II: Collaboration in the Education Community

3 credits

Collaboration is essential in the education of students with disabilities. This seminar will explore 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.

TEDSP 599

Culminating Project

1-13 credits

A final master's project designed in collaboration with faculty as an application of the theory and research studied in the master's degree program. Students who have taken TEDUC/TEDSP 593 and TEDUC/TEDSP 594 will normally complete a three-credit project; by permission, students may opt for a nine-credit project in lieu of the practicum seminars. No TEDUC 599 credits may be applied to the coursework requirements of the degree program. *Required for fulfillment of the Master of Education degree.*

Faculty

Ginger L. MacDonald

Director and Professor

Education

Counseling/Psychology; Ph.D., University of Washington, 1990.

Kathleen M. Beaudoin

Assistant Professor, Education; Special

Education; Ph.D., University of British

Columbia, 1999.

Gregory J. Benner

Assistant Professor, Education; Special

Education/Emotional and Behavioral

Disorders; Ph.D., University of Nebraska-

Lincoln, 2003.

Robert W. Howard

Assistant Professor, Education; Cultural

Foundations; Ed.D., Harvard University,

1986.

Diane B. Kinder

Associate Professor, Education; Elementary

Education; Ph.D., University of Oregon, 1987.

Richard K. Knuth

Assistant Professor, Education; Educational

Administration (secondary area in Business

Administration); Ph.D., University of

Washington, 1983.

Belinda Y. Louie

Professor, Education; Reading, Language

Arts; Ph.D., University of Washington, 1991.

José M. Rios

Associate Professor, Education; Science

Education/Zoology; Ph.D., University of

Wisconsin, 1995.

Marcy L. Stein

Professor, Education; Special Education/

Learning Disabilities; Ph.D., University of

Washington, 1988.

MASTER OF ARTS

Interdisciplinary Studies

What are Interdisciplinary Studies?

The concept of interdisciplinary studies is founded on a recognition that the experience of phenomena—such as the public problems of poverty, violence, social justice or environmental degradation—do not come in neatly bounded, disciplinary or professional packages. While disciplinary divisions of labor are convenient and necessary to the efficient pursuit of in-depth knowledge, the application of that knowledge in the sphere of public action requires its broader re-integration with the rich, multidisciplinary dimensions and complexities of actual, live situations.

The structure of the Master of Arts program is highly flexible, building on the wealth of interdisciplinary expertise among members of the faculty. A required series of four core courses and a capstone course addresses issues of models, problem formation, evidence, and values. The core courses examine the basic foundations of knowing and acting, making them relevant to diverse areas of specific inquiry. Through electives and a thesis (or master's project), students are encouraged to apply the lessons of the core courses to their own chosen areas of interdisciplinary interest. A broad range of student interests can be accommodated due to the interdisciplinary nature of the program.

The program integrates the sociology of knowledge, philosophy, social and political theory, history, cultural studies, anthropology and systems theory to shed light on domains of public action. Examples of possible areas of interest, broadly defined, might include the environment, education, ethnicity, gender, families, arts policy and administration, children and the media, human rights, labor, immigration, trade, development, urban studies, the role of state and local government or international non-governmental organizations.

Students will learn:

- How alternative paradigms or models condition our knowledge of the world and how our choice of potential responses connects to how we perceive things to be organized.
- How to gain insight into the impact of culture and history on the way certain phenomena come to be defined in the public arena as problems, and how they are variously imagined to be caused or solved in relation to diverse professional and disciplinary claims of ownership over them.
- How evidence can be justified, generated, evaluated and used with varying degrees of validity within diverse frames of application.

- How to gain insight into the ways in which values are implicitly or explicitly present in every arena socially deemed to be problematic, and how it may be possible to facilitate communication, negotiations, or trade-offs among and across diverse value frames.

What is Public Action?

Public action entails a series of determinations that are reached as a result of the following considerations:

- What is the nature of the problem to be addressed?
- What mode of analysis is to be employed?
- What will count as evidence?
- What values are considered relevant or irrelevant?
- What options are included or excluded?
- What outcomes of the action are anticipated or unanticipated?

OVERVIEW

Building on the success of the undergraduate program, Interdisciplinary Arts and Sciences offers a Master of Arts degree. The graduate courses offer opportunities to pursue questions of interest across a wide range of fields, spanning the humanities, social sciences and environmental sciences, with special emphasis on the relation of knowledge to public action.

Phone: (253) 692-4450

Fax: (253) 692-5718

Office: WCG 424

Campus box: 358436

Web site: www.tacoma.washington.edu/ias

Director: William Richardson

Associate Director: Cynthia Duncan

Faculty Coordinator: Samuel Parker

Administrator: Julie Buffington

Graduate Program Adviser:
Linda Kachinsky

By exploring these questions the master's program becomes a sustained investigation of factors that critically shape actions, procedures and outcomes. The factors to be investigated include:

- Conceptual models, or paradigms
- Social, professional and institutional cultures
- Various types of data used to support alternative perspectives and decisions
- How various value frameworks shape perspectives, decisions and actions

These factors provide a foundation for knowledge and action in the public sphere. The core course of study in this program may therefore apply to virtually any profession or endeavor in our shared public life, whether one works in a large organization or a one-person shop, whether one seeks knowledge for utilitarian ends or to achieve a richer understanding of the world in which everyone must live and act.

Program Design

The Master of Arts program emphasizes foundations of public action and is a 55-credit master's degree. The curriculum includes:

- Four core courses 24 credits
- Capstone course 6 credits
- Electives 15 credits
- Final project or thesis 10 credits

Core Courses

The four core courses are closely integrated, constituting a single, extended investigation of how issues and problems are evaluated in the process of taking action. The courses examine analytical tools and how social and organizational cultures influence the work required in moving toward taking action.

- TIAS 501 Models and Critical Inquiry
- TIAS 502 Evidence and Action
- TIAS 503 Culture and Public Problems
- TIAS 504 Values and Action

Capstone Course

Students enroll in the capstone course (TIAS 505) after the completion of the core course series. The capstone provides a forum for re-integrating the separate themes of the four core courses and considering how they can be applied to the students' areas of interest.

Area of Emphasis

Students will work with a faculty adviser to develop a focus within the student's chosen area of interest. The required 15 credits of electives are to be chosen carefully

in consultation with the academic adviser, as stepping stones toward the substance of the thesis or project. In addition to elective courses developed specifically for the Master of Arts degree, students can select from a wide range of courses offered at UWT, including some of those offered in other UWT graduate programs. Undergraduate courses appropriate to the student's thesis topic can be taken as graduate courses by enrolling in them as TIAS 590 Independent Study courses. This option requires completion of all the undergraduate requirements, as well as additional work to be negotiated with the instructor that will raise the course demands to graduate level.

Thesis or Project

The final product of the graduate program must be a thesis or a scholarly project that demonstrates a level of competence equivalent to a thesis. In consultation with faculty, students negotiate specific thesis questions and plans focused on their own chosen goals and areas of interest. It is the student's responsibility to recruit a thesis chair and at least one other reader to constitute a thesis committee. The chair may be the academic adviser or may be someone else whose area of expertise most overlaps with the focus of the thesis or project.

Enrollment and Curriculum Sequencing

Admission is competitive and is based on space availability in the core courses. Core courses are offered in the evenings, alternating between Monday/Wednesday and Tuesday/Thursday.

Admission Requirements

- Baccalaureate degree from an accredited institution of higher learning with at least a 3.0 GPA
- Competitive GRE scores on a test taken within the last five years
- Completed application form
- Statement of intended area of focus compatible with the aims of the program
- Résumé of relevant experiences describing the candidate's most significant work, educational background or volunteer experience and how these experiences relate to his or her goals
- Three letters of reference
- Admission to the UW Graduate School

Course Descriptions

TIAS 501 Models and Critical Inquiry

6 credits

Introduces 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.

TIAS 502 Culture and Public Problems

6 credits

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.

TIAS 503 Evidence and Action

6 credits

Examination of the theoretical formulations of public action. Analysis of how different ways of understanding and validating knowledge define the perception of alternative courses of action. Exploration of the practical consequences of theoretical choices.

TIAS 504 Values and Action

6 credits

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.

TIAS 505 IAS Master of Arts Capstone

6 credits / Prerequisites: TIBCG 501, 502, 503 and 504

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.

TIBCG 513 Teaching Writing as Public Action

5 credits

Examines writing as a profoundly social act, a means of articulating discoveries for multiple audiences, and a strategy for positioning concepts in organizations. Also examines the teaching of writing as a public action. Explores the way writing instruction is informed by transparent and oblique assumptions about authority, authorship, learning and literacy.

TIBCG 515 Themes in the Interpretation of Culture

5 credits

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.

TIAS 590**Independent Study**

1-5 credits, max. 20 / Prerequisite: Permission of instructor

Faculty-supervised independent study, readings and special projects for graduate students. Topics vary.

TIAS 596**Internship**

1-10 credits, max. 10 / Prerequisite: Permission of instructor

Faculty-supervised internships for graduate students. Internships and projects vary.

TIAS 598**Directed Readings**

1-5 credits, max. 20 / Prerequisite: Permission of instructor

Faculty-supervised readings for graduate students.

TIAS 599**Directed Research**

1-5 credits, max. 20 / Prerequisite: Permission of instructor

Faculty-supervised research for graduate students.

TIAS 605**Degree Project**

1-5 credits, max. 10 / Prerequisite: Permission of instructor

Faculty-supervised project for graduate students.

TIAS 700**Thesis**

1-10 credits / Prerequisite: Permission of instructor

Faculty-supervised thesis for graduate students.

Faculty**William Richardson****Director and Professor**

Interdisciplinary Arts and Sciences
Russia and the former U.S.S.R., Mexico;
Ph.D., University of California, Berkeley,
1976.

Luther Adams

Assistant Professor, Interdisciplinary Arts
and Sciences; History, Ph.D., University of
Pennsylvania, 2002.

Michael Allen

Professor, Interdisciplinary Arts and Sciences;
American History and Folklore; Ph.D.,
University of Washington, 1985.

Katie Baird

Assistant Professor, Interdisciplinary Arts
and Sciences; Economics of Social Issues,
Public Economics; Ph.D., University of
Massachusetts, 2000.

John Banks

Associate Professor, Interdisciplinary
Arts and Sciences; Applied Ecology,
Agroecology, Mathematical Biology, Plant-
Animal Interactions; Ph.D., University of
Washington, 1997.

James F. Brown

Professor Emeritus, Interdisciplinary Arts
and Sciences; Philosophy; Ph.D., New York
University, 1974.

Tyler Budge

Assistant Professor, Interdisciplinary Arts and
Sciences; Three-Dimensional Art, Sculpture;
M.F.A., Illinois State University, 2002.

Kima Cargill

Assistant Professor, Interdisciplinary Arts
and Sciences; Clinical Psychology, Ph.D.,
University of Texas at Austin, 2002.

Robert Crawford

Associate Professor, Interdisciplinary Arts
and Sciences; American and Cultural Studies;
Ph.D., University of Chicago, 1974.

Katherine Siân Davies-Vollum

Assistant Professor, Interdisciplinary Arts and
Sciences; Geology; D. Phil., St. Peter's College,
University of Oxford, 1994.

Anthony D'Costa

Associate Professor, Interdisciplinary
Arts and Sciences; Political Economy,
International Development; Ph.D., University
of Pittsburgh, 1989.

Chris Demaske

Assistant Professor, Interdisciplinary Arts and
Sciences; Communication and Society; Ph.D.,
University of Oregon, 2002.

Cynthia Duncan

Associate Professor and Associate Director,
Interdisciplinary Arts and Sciences; Spanish,
Portuguese and Latin American Literature;
Ph.D., University of Illinois, 1983.

Michael Forman

Associate Professor, Interdisciplinary Arts
and Sciences; Modern European Thought
and Culture; Ph.D., Rutgers University, 1995.

James Gawel

Associate Professor, Interdisciplinary Arts
and Sciences; Environmental and Aquatic
Chemistry, Civil and Environmental
Engineering; Ph.D., Massachusetts Institute
of Technology, 1996.

Claudia Gorbman

Professor, Interdisciplinary Arts and Sciences;
Film Studies, Comparative Literature,
Women's Studies; Ph.D., University of
Washington, 1978.

Cheryl Greengrove

Associate Professor, Interdisciplinary Arts and
Sciences; Geoscience, Oceans, Atmospheres;
Ph.D., Columbia University, 1986.

Mary Hanneman

Assistant Professor, Interdisciplinary Arts and
Sciences; Asian History, Pacific Rim Studies;
Ph.D., University of Washington, 1991.

Philip Heldrich

Assistant Professor, Interdisciplinary Arts
and Sciences; Writing, English Literature and
Small Press Publishing; Ph.D., Oklahoma
State University, 1997.

Michael Honey

Professor, Interdisciplinary Arts and Sciences;
American History, Labor and Ethnic Studies;
Ph.D., Northern Illinois University, 1988.

Peter Horak

Professor, Interdisciplinary Arts and Sciences;
Mathematics; Ph.D., Comenius University,
Slovakia, 1980.

Trista Huckleberry

Assistant Professor, Interdisciplinary Arts
and Sciences; Educational Psychology; Ph.D.,
University of Texas at Austin, 2002.

Emily Ignacio

Assistant Professor, Interdisciplinary Arts
and Sciences; Sociology; Ph.D., University of
Illinois at Urbana-Champaign, 1998.

Beth Kalikoff

Assistant Professor, Interdisciplinary Arts
and Sciences; Composition Studies, Writing
Pedagogy; Ph.D., Indiana University, 1983.

Michael Kalton

Professor, Interdisciplinary Arts and Sciences;
Comparative Religion, East Asian Languages
and Civilization; Ph.D., Harvard
University, 1977.

Turan Kayaoglu

Assistant Professor, Interdisciplinary Arts
and Sciences; International Politics; Ph.D.,
University of Washington, 2005.

Michael Kucher

Assistant Professor, Interdisciplinary Arts
and Sciences; History; Ph.D., University of
Delaware, 2000.

William Kunz

Assistant Professor, Interdisciplinary Arts and Sciences; Broadcast Communication; Ph.D., University of Oregon, 1998.

Rachel May

Associate Professor, Interdisciplinary Arts and Sciences; Latin American Studies; Ph.D., Tulane University, 1993.

Nita McKinley

Assistant Professor, Interdisciplinary Arts and Sciences; Developmental Psychology, Ph.D., University of Wisconsin-Madison, 1995.

Divya McMillin

Associate Professor, Interdisciplinary Arts and Sciences; Communications; Ph.D., Indiana University, 1998.

David Morris

Associate Professor, Interdisciplinary Arts and Sciences; American Literature; Ph.D., University of Washington, 1984.

Beverly Naidus

Associate Professor, Interdisciplinary Arts and Sciences; Two-Dimensional Art, Painting, Drawing and Digital Imaging; M.F.A., Nova Scotia College of Art & Design, 1978.

Jack Nelson

Professor, Interdisciplinary Arts and Sciences; Ph.D., University of Chicago, 1970.

Julie Nicoletta

Associate Professor, Interdisciplinary Arts and Sciences; Art History, Public History; Ph.D., Yale University, 1993.

Samuel Parker

Associate Professor, Interdisciplinary Arts and Sciences; Anthropology, Art History, Asian Studies; Ph.D., University of Chicago, 1989.

Guido Preparata

Assistant Professor, Interdisciplinary Arts and Sciences; Political Economy and Economic History; Ph.D., University of Southern California, 1998.

Deirdre Raynor

Assistant Professor, Interdisciplinary Arts and Sciences; American Literature, African-American Literature; Ph.D., University of Washington, 1997.

Johann Reusch

Assistant Professor, Interdisciplinary Arts and Sciences; Art History; Ph.D., University of California, Los Angeles, 1994.

David Secord

Associate Professor, Interdisciplinary Arts and Sciences; Marine Ecology, Evolution, Conservation Biology & Marine Invertebrates; Ph.D., University of Washington, 1995.

Emmett Joseph Sharkey

Associate Professor, Interdisciplinary Arts and Sciences; Comparative Literature; Ph.D., University of California, Davis, 1998.

Carolyn West

Associate Professor, Interdisciplinary Arts and Sciences; Clinical Psychology; Ph.D., University of Missouri-St. Louis, 1994.

MASTER OF Nursing

The Master of Nursing program prepares registered nurses for advanced clinical practice in acute, long-term care, ambulatory and community settings. The program offers the following curriculum options:

- **Communities, Populations and Health**
- **Leadership in Health Care**
- **Nurse Educator**
- **Independent Option**

The curriculum has a strong emphasis on mentoring, both in terms of fieldwork placements and with faculty. The core courses for all options include research, health systems, health policy leadership, diversity and social issues related to health. All students engage in scholarly inquiry, completing a project or thesis. In addition, students take four courses in their curriculum option, and may choose from courses in the other curriculum options to fulfill the requirement of six credits of related coursework. Two quarters of fieldwork provide students with an opportunity to participate in advanced practice roles in the setting that assists them to meet their career goals.

The program is designed for both part-time and full-time students. The length of time required to complete the program varies from five quarters on a full-time basis to seven or eight quarters on a part-time basis. While it is possible to enroll during any quarter, beginning in the Autumn Quarter is best for course sequencing and learning.

Communities, Populations and Health

The Communities, Populations and Health curriculum option addresses health promotion and protection of communities and populations. The curriculum explores collaboration with health care and other professionals and members of the community to address the health care needs of a complex society.

Students in this curriculum option:

- Focus on improvement of the health of populations, aggregates or communities—such as schools, neighborhoods or those with a common diagnosis, chronic illness or health care problem.
- Span traditional boundaries of governmental agencies, community organizations, and health care settings by working in partnerships.

- Gain competencies in population or community assessment, program planning, community organization and change and evaluation.

Graduates function as advanced practice nurses in leadership roles to design, implement and evaluate interventions and programs based on assessed community or population needs.

Leadership in Health Care

The Leadership in Health Care curriculum option provides nurses with the skills, knowledge and attitudes to become clinical leaders and change agents in the evolving health care environment. Curriculum focuses on leadership, management and business principles to foster innovation and improve quality and management of care.

Students in this curriculum option:

- Focus on evidence-based clinical outcomes management
- Gain competencies in leadership behaviors, developing a shared vision, collaboration, team building and systems thinking.
- Develop skills related to human and fiscal resource management.
- Develop a deeper understanding of organizations, health care evaluation, business and health care ethics.

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 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.

Phone: (253) 692-4470

Fax: (253) 692-4424

Office: Cherry Parkes 326

Campus box: 358421

Web site:

www.tacoma.washington.edu/nursing

Director: Marjorie Dobratz

Administrator: Nan West

Adviser: Ginger Dunston Hill

Graduates function as clinical nurse leaders, managers or administrators in health care systems, governmental agencies or community organizations.

Nurse Educator

The Nurse Educator curriculum option prepares nurses to teach in schools of nursing, continuing education programs, staff development, clinical education or patient education. Curriculum focuses on learning theory, teaching methods, curriculum development, and evaluation. Fieldwork experiences are individualized and focus on the nurse educator role in community colleges or universities, hospitals, ambulatory care and community settings.

Students in this curriculum option gain competencies in:

- Applying theories and methods of teaching and learning.
- Identifying learning needs.
- Developing curriculum and educational programs.
- Evaluating learning and performance in clinical and academic settings.
- Learning online.

Graduates function as advanced practice nurses, educators, and leaders in clinical education, academic institutions, health care settings and community agencies.

Independent Option

It is possible to develop an independent study option. Students who want to individualize their program plan must write a statement identifying their specific study goals and their rationale for the independent study option. A faculty adviser works with the student to help select appropriate courses and develop the plan of study.

Accreditation

Affiliated with the University of Washington School of Nursing at the Seattle campus, UWT's Nursing program is accredited by the Commission on Collegiate Nursing Education (CCNE).

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 advanced practice.
- Competently assess, manage health-related issues with a defined population or care system and evaluate the effectiveness of these advanced nursing practices.
- Utilize knowledge and skills in professional practice among diverse and multicultural populations.
- Demonstrate competence in development of inquiry relevant to practice, education or administration.
- Develop and utilize leadership strategies that foster improvement of health care.

Essential Behaviors for Admission, Continuation and Graduation

The following amplifies requirements found in the University of Washington Student Conduct Code. For admission, continuation and graduation in their programs, students need to abide by the following specifications for behaviors and abilities. In this document, "students" pertains to all UW Tacoma Nursing students.

Communication

Students must communicate effectively and sensitively with patients and their families as well as with other students, staff, faculty, professionals, agency personnel, community residents and others relevant to their areas of study. Expression of ideas and feelings must be clear and appropriate. Students must demonstrate a willingness and ability to give and receive feedback.

Cognitive

Students must be able to reason, analyze, integrate, synthesize and evaluate in the context of the nursing activities of their programs/areas of study.

Behavioral/Emotional

Students must possess the emotional health required for the full utilization of intellectual abilities, the exercise of sound judgment and the timely completion of responsibilities in their programs/areas of study. Further, students must be able to maintain mature, sensitive, and effective relationships with patients, students, faculty, staff, other professionals and agency personnel under all circumstances including highly stressful situations. Students must have the emotional stability to function effectively under stress and adapt to environments that

may change rapidly without warning and/or in unpredictable ways as relevant to their programs or areas of study. Students must be able to demonstrate empathy for the situations and circumstances of others and appropriately communicate that empathy. Students must acknowledge that values, attitudes, beliefs, emotions and experiences affect their perceptions and relationships with others. Students must be able and willing to examine and change behaviors when they interfere with productive individual or team relationships. Students must demonstrate effective and harmonious relationships with the diverse academic, professional and community environments relevant to their chosen programs of study.

Professional Conduct

Students must possess the ability to reason morally and practice nursing in an ethical manner. They must be willing to learn and abide by professional standards of practice as well as regulations for professional licensure. Students must demonstrate the attributes of compassion, integrity, honesty, responsibility and tolerance.

Motor and Sensory Skills

Students need to have sufficient motor function and sensory skills to be able to execute movements and make observations required in the domain of nursing care or nursing activity in their chosen programs/areas of study.

Reasonable Accommodation for Disabilities

Students must be able to perform all the essential functions of the program with or without accommodation. A student who discloses a disability and requests accommodation will be referred to Disabled Student Services (Seattle) or Disability Support Services (Tacoma). The student may be asked to provide documentation of the disability for the purposes of determining appropriate accommodations. The Nursing program will provide reasonable accommodations, but is not required to make modifications that would substantially alter the nature or requirements of the program. Questions regarding reasonable accommodation should be directed to Disability Support Services at (253) 692-4493, TTY (253) 692-4413 or e-mail dssuwt@u.washington.edu.

Admission Requirements

Admission to the Master of Nursing program is competitive and based on acceptance by the UW Graduate School and the Nursing program at the University of Washington, Tacoma. The following are required:

- A baccalaureate degree from a nationally-accredited nursing program with a minimum grade-point average of 3.0 on a 4.0 scale for the last 90 graded quarter credits.

OR

An associate's degree or diploma from a nationally-accredited R.N. program and a baccalaureate degree in a field other than nursing with a minimum grade-point average of 3.0 on a 4.0 scale for the last 90 graded quarter credits. The applicant must either take two specific Excelsior Exams or request to petition one or both of the exams.

- Completion of a three-credit basic course in descriptive and inferential statistics with a grade of at least 2.0 on a 4.0 scale.
- Competitive scores on the Graduate Record Examination General Test.
- Three references: at least one from an academic reference and one from a clinical supervisor or person who can attest to the applicant's competence as an R.N.
- Educational and personal goal statement relevant to the program objectives.
- Résumé or curriculum vitae describing educational background as well as relevant work, professional and volunteer experiences.
- Current unrestricted Washington state R.N. license.
- Criminal history/background check clearance.
- Agreement to adhere to the Essential Behaviors for Admission, Continuation and Graduation.

Transfer Credit

An admitted MN student may petition to transfer up to the equivalent of 6 quarter credits of graduate coursework 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 Nonmatriculated (GNM) Status

Graduate nonmatriculated (GNM) enrollment is beneficial to those who are interested in professional development or beginning work toward a graduate degree. A graduate nonmatriculated 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.

Admission Criteria for GNM Students

Information submitted by the applicant will be evaluated by the Nursing program based on the following criteria:

- Graduation from an approved baccalaureate program with a grade-point average of 3.0 in the last 90 quarter (60 semester) credits.
- Written goal statement referencing the plan for graduate study.
- Criminal history/background check clearance may be required depending on course requirements.
- Current unrestricted licensure as a registered nurse in the state of Washington may be required depending on course requirements.

Petitions will be considered for applicants not meeting the above criteria and should include information documenting the applicant's capability for graduate study (such as recent graded coursework, GRE scores, résumé and letters of reference).

Graduation Requirements

The minimum requirements for graduation with the Master of Nursing degree from the University of Washington, Tacoma are:

Core courses	6 credits
Study option courses	12 credits
Fieldwork.....	6 credits
Research.....	6 credits
Related coursework.....	9 credits
Scholarly Inquiry	6-9 credits
Total credits (min.)	45-48 credits

Course Descriptions

For the most current course information, please consult the Nursing program Web site at www.tacoma.washington.edu/nursing.

TNURS 503

Advanced Fieldwork

2-6 credits, max. 12 / Prerequisite: TNURS 510, TNURS 520, TNURS 521, TNURS 527 and at least three courses in curriculum option or permission of instructor

Provides students with a substantive practice experience in their setting of interest. Assists students in delineation of advanced practice nursing roles and application of theoretical concepts in a real-world context.

TNURS 504

Communities, Populations and Health: An Overview

3 credits

Focuses on the conceptualization, analysis and application of the concepts of community, populations and health. Discusses theories and models of current and potential community health practice. Examines sociocultural concepts for their interrelationship with and impact upon communities, populations and health.

TNURS 507

Leadership Behaviors for Evolving Health Care Organizations

3 credits

Covers changes in the health industry that require new ways of leading organizations. Evaluates leadership values and behaviors and identifies new leadership strategies integral to the change-agent role necessary in leading teams and in guiding changes as health care organizations transition from hospital-based structures to interdependent systems.

TNURS 509

Evaluation and Decision-Making in Health Care

3 credits / Prerequisites: TNURS 507, TNURS 520, TNURS 521 and TNURS 527 or permission of instructor

Examines the various strategies in health care services evaluation and identifies frameworks for improved decision-making. Emphasis is on the application of evaluation techniques in leadership/management positions.

TNURS 510**Society, Justice and Health***3 credits*

Explores how social factors and context influence health and illness, including concepts of oppression, discrimination, power and privilege. Analyzes how health and illness are socially constructed; effects of social location on health and access to care; and how inequities affect health and illness. Considers relationship between social justice and health.

TNURS 511**Curriculum Development in Nursing Education***3 credits*

Theoretical rationale for curriculum development and study of curricular problems in nursing.

TNURS 512**Evaluation of Clinical Performance in Nursing***3 credits / Prerequisite: graduate standing or permission of instructor*

For graduate students preparing for faculty or staff development positions in nursing. Theory and principles of evaluation. Instruments to appraise clinical nursing performance developed as part of course requirements.

TNURS 513**Theories and Methods of Teaching and Learning***3 credits*

Addresses theory and methods of teaching and learning, tools and resources for teaching, role development, and current issues faced by people who teach in higher education and staff development.

TNURS 514**Challenges and Issues in Patient Education***3 credits*

Provides overview of selected challenges and issues in patient education: low literacy, patient acuity, health status, early discharge, evolving health policy, cost of health care and staff proficiency. Considers the role of the advanced practice nurse in creating and managing patient education programs for individuals, groups and populations.

TNURS 520**Methods of Research in Nursing***3 credits*

Research process as it applies to nursing. Use of the literature in building theoretical rationale. Selection of appropriate methods. Presentation of findings.

TNURS 521**Methods of Research in Nursing***3 credits / Prerequisite: TNURS 520*

Research process as it applies to nursing. Use of the literature in building theoretical rationale. Selection of appropriate methods. Presentation of findings.

TNURS 522**Theory Development for a Practice Discipline***3 credits*

Explores the evolutionary development of nursing theory and its contribution to the development of nursing science. Emphasizes the philosophical foundation, the hierarchical structure and the evaluative criteria used in theory development and its practice application.

TNURS 523**Community Health Assessment***3 credits / Prerequisite: TNURS 504 or permission of instructor*

Survey of approaches and tools to measure health status and health-care problems in defined communities. Topics include uses and limitations of available data, community surveys, public health surveillance, measurement of community health indices, and research methods specific to health assessment of communities and populations.

TNURS 527**Health Care Systems and Health Policy***3 credits*

Analyzes the organizational and financial aspects of clinical services and public health systems with an emphasis on access and resource utilization patterns among diverse populations. Explores health policy development, strategies to affect policy aimed at enhancing quality and population-system fit, and the relationship between policy and health care system change.

TNURS 537**Concepts of Organization***3 credits*

Demonstrates how concepts of organizations and the metaphors used to describe them affect the analysis, management, and ethical dimensions of organizational environments. Students analyze their own work environments from a variety of perspectives, both to improve their understanding of work contexts and as a basis for planning managerial action.

TNURS 538**Concepts of Clinical Care***3 credits*

Examines theoretical concepts that explain the wide range of human responses to illness. Explores the interrelationship of physiological, psychological, social, and spiritual dimensions of human responses. Addresses the assessment, measurement, management, and evaluation of commonly encountered, prototypical clinical phenomena from a research-based perspective.

TNURS 539**Health Care Business Strategies: Optimizing Resources***3 credits*

Strategies are explored to address challenges of optimizing resources utilization in a dynamic, changing health care environment that has an increasing business-oriented focus. Human and fiscal resource management strategies are examined, focusing on personnel issues relevant in healthcare organization, gaining working knowledge of budgetary processes and fiscal decision-making expertise.

TNURS 540**Concepts of Hospice and Palliative Care***3 credits*

Examines models of care and theoretical frameworks that guide and evaluate patient-family centered end-of-life care. Addresses symptoms of distress, psychosocial and spiritual aspects as well as educational, communicative and ethical components of hospice and palliative care.

TNURS 553**Health Policy Development and Analysis***3 credits*

Examines health policy development within the context of the U.S. political system at the national, state, and local levels. Discusses legislative and budget processes, the role of interest groups, and strategies to affect public policy.

TNURS 561**Community Planning, Intervention and Evaluation***3 credits / Prerequisites: TNURS 504, TNURS 523 or permission of instructor*

Examines strategies and theories for community planning, organization, and change. Emphasizes the importance of negotiation, community development and partnerships. Discusses integrated models of community planning, organization, and change for the purpose of facilitating community-wide interventions.

TNURS 588**Concepts of Health Promotion and Community Change***3 credits*

Provides opportunities to critically examine concepts and theories of health promotion and community change. A wide variety of disciplinary perspectives is presented and discussed within the context of diversity. Gives students the skills needed to critically analyze health promotion and community change.

TNURS 590**Special Topics in Nursing Research***2-3 credits, max. 9***TNURS 598****Special Projects***1-12 credits, max. 12*

Scholarly inquiry with in-depth, focused analysis, culminating in a written product/report for dissemination. *Credit/no credit only.*

TNURS 599**Selected Readings in Nursing Science***1-3 credits, max. 18***TNURS 600****Independent Study or Research***Credits vary***TNURS 700****Master's Thesis***Credits vary**Credit/no credit only.*

Health Electives

THLTH 501

Race, Racism and Health

3 credits

Explores the roles race and racism play with respect to health outcomes for U.S. populations. Focuses on the way in which racial privilege and racial oppression shape people's lives. Considers the medical and scientific constructions of categories of race and ethnicity, how race has been used in science, and the health consequences of racism.

THLTH 505

Participatory Action Research

3 credits

Focuses on how to conduct research with a social action component. Provides an in-depth examination of participatory-action research. Explores theoretical, methodological and practical issues, including historical influences, design and methods, and application of findings.

THLTH 510

Ethnographic Research Methods

3 credits

Provides a background in ethnographic research methodology emphasizing beginning ethnographic and field research studies. Analyzes the theory underlying qualitative research approaches and pragmatic issues in building skills and knowledge in relation to conducting and evaluating ethnographic research.

THLTH 525

Intimate Partner Violence

3 credits / Prerequisite: Graduate standing or permission of instructor

The purpose of the course is to examine partner violence as a cumulative interactive experience that must be framed within a historical and social context. The course emphasizes current literature on conceptualizing gendered violence, theoretical perspectives of abuse in intimate relationships, and health issues and consequences of violence in intimate partner relationships.

THLTH 530

Health and Aging in a Diverse Society

3 credits

Provides an introduction to health and other social issues of members of minority elderly populations in the U.S. Reflects a range of perspectives in the social, behavioral, and health sciences. Emphasizes the importance of situating the life experiences of today's diverse elders in historical context.

THLTH 590

Independent Study

Credits vary / Prerequisite: Graduate standing and permission of instructor

Faculty-supervised independent study, readings and special projects for graduate students as developed through faculty-student agreement.

Faculty

Marjorie Dobratz

Director and Professor

Nursing

R.N.; D.N.Sc., University of San Diego, 1990.

Jane Cornman

Senior Lecturer, Nursing; R.N.; Ph.D.,

University of Washington, 1988.

Kathleen Shannon Dorcy

Senior Lecturer, Nursing; R.N.; M.N.,

University of Washington, 1991.

Denise Drevdahl

Associate Professor, Nursing; R.N.; Ph.D.,

University of Washington, 1996.

Sharon Gavin Fought

Associate Professor, Nursing; R.N.; Ph.D.,

University of Texas, 1983.

Lorrie Grevstad

Lecturer, Nursing; R.N.; M.N., University of

Washington, 1976.

Eileen Hemman

Senior Lecturer, Nursing; R.N.; Ed.D., Seattle

University, 1998.

Kären Landenburger

Associate Professor, Nursing; R.N.; Ph.D.,

University of Washington, 1987.

June Lowenberg

Associate Professor, Nursing; R.N.; Ph.D.,

University of California San Diego, 1985.

Sondra Perdue

Senior Lecturer, Nursing; Dr.P.H., University

of California, Los Angeles, 1985.

Janet Primomo

Associate Professor, Nursing; R.N.; Ph.D.,

University of Washington, 1989.

Ruth Rea

Associate Professor, Nursing; R.N.C.; Ph.D.,

University of Texas at Austin, 1987.

Christine Stevens

Assistant Professor, Nursing; R.N.; M.P.H.;

Ph.D., University of Washington, 2004.

Cathy Tashiro

Assistant Professor, Nursing; R.N.; Ph.D.,

University of California San Francisco, 1998.

MASTER OF Social Work

The Master of Social Work (M.S.W.) is considered the terminal degree in the social work profession. Content and coursework in the M.S.W. 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 advanced curriculum provides an in-depth education, through the classroom and practicum, to prepare graduates for advanced, specialized practice. Topics include applied research, social policy and advanced 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 Children, Youth and Families. This graduate program also prepares learners to collaborate with other human service professionals and with the community. Graduates from this M.S.W. program will be prepared to address the social welfare needs of a complex society.

The Master of Social Work program is currently designed as a three-year, part-time evening program.

Pursuant to the achievement of the Social Work program's mission, the M.S.W. program has been designed as a competency-based curriculum committed to preparing graduate students for practice. As a result of their class and field education, M.S.W. graduates should be able to:

- Understand and interpret the history of social welfare and its contemporary structures and issues
- Understand the forms and mechanisms of oppression and discrimination and apply strategies of advocacy and social change that advance social and economic justice
- Understand and critically analyze current systems of social service organizations and delivery and derive implications for practice
- Articulate the role of policy in framing social work practice and the impact of major social welfare policies on those who are served by social workers, workers themselves, agencies and welfare systems
- Advocate for just, effective and humane policies and policy implementation processes
- Engender the empowerment of disadvantaged individuals, groups and communities through effective, culturally and linguistically appropriate assessment, treatment/intervention and outcomes evaluation
- Demonstrate how people and systems change and how change is facilitated from micro- to macro-systems levels
- Make well-reasoned and well-informed judgments in practice based on values, critical self-reflection and evidence-supported theory and practice research
- Understand and critically assess major social work practice frameworks, including the strengths and empowerment perspectives
- Critically evaluate research, evidence and their own practice
- Contribute to the profession's knowledge base and practice through disciplined inquiry, including practice evaluation, participatory-action research, efficacy and effectiveness trials and the dissemination and institutionalization of evidence-based practice and policy models
- Understand the value base of the profession and its ethical standards and principles and practice accordingly; engage in mindful and ethical use of self and continual professional development of skills and knowledge

OVERVIEW

Developed in collaboration with and under the auspices of the University of Washington School of Social Work, the Master of Social Work (M.S.W.) program prepares learners for advanced and specialized practice as providers of social services and includes a combination of field experience and classroom learning.

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www.tacoma.washington.edu/social

Director: Marceline Lazzari

Administrator/Adviser: Terri Simonsen

Accreditation

The Social Work program at the University of Washington, Tacoma is accredited by the Council on Social Work Education (CSWE) as a program option of the University of Washington School of Social Work in Seattle.

Admission Requirements

The Social Work program seeks to enroll well-qualified students with diverse backgrounds. Admission to the M.S.W. program is based on academic performance and potential, clarity and appropriateness of career objectives, understanding of social issues, knowledge of diverse populations and relevant experiences. Academic credit toward the M.S.W. is not given for previous employment or life experience. Students are admitted only for Autumn Quarter. Prospective students must contact the M.S.W. program office or the Office of Enrollment Services and Student Affairs to request an official application packet call (253) 692-5820 or (253) 692-4400, or visit the Web at www.tacoma.washington.edu.

Selection is based on academic background and potential, match of student interests with faculty expertise, program resources or priorities, social/human service experience, appropriateness of professional goals and objectives, and experience with diverse populations. All applicants must meet basic qualifications to be considered for the M.S.W. program. Those applicants considered among the most qualified, based on the assessment of their application materials, will be offered admission. There is an enrollment limit placed on the Social Work program, and typically there is not enough space available to accommodate all applicants who meet the basic qualifications for admission.

Applying to the program involves submitting application forms for the UWT Social Work program and the UW Graduate School, an application fee, one set of official transcripts from every college or university attended, official Graduate Record Exam (GRE) scores, admissions essay, three reference letters, Grade Point Average Worksheet, Résumé, Social Service Experience form, the Washington State Patrol Criminal Background Check form, Authorization for Repeat Background Checks and Dissemination of Results form, and the Personal Disclosure Statement. The successful completion of an approved human biology course and a statistics course is also required prior to beginning the M.S.W. program.

The Social Work program requires strong academic preparation demonstrated by a candidate's grade-point average (GPA), the

Graduate Record Exam, liberal arts or social welfare undergraduate training, and writing skill. Applicants must have a baccalaureate degree with a minimum GPA of 3.0 on a 4.0 scale for the last 90 graded quarter credits. Undergraduate preparation must include at least five credits in each of the humanities, social sciences, and natural sciences and 60 credits of liberal arts.

Current knowledge of the social work profession is assessed by the candidate's use of illustrations and examples from his or her social-service background described in the admissions essay.

Graduation Requirements

Along with the Graduate School requirements, students must receive a passing grade (2.7 or higher or Satisfactory or Credit) in the professional foundation and advanced curriculum courses taken to meet the 74 credits* required for the M.S.W.

If a student does not pass a required course, the course must be repeated. Another course may be substituted for a failed selective course. Students electing to take a course on a Satisfactory/Not Satisfactory (S/NS) basis must earn at least a 2.7 grade in order to receive a grade of "Satisfactory."

The M.S.W. program requires the successful completion of an approved human biology course taken within the 10 years prior to matriculation in the M.S.W. program. Completion of the human biology course requirement must be verified by supplying official documentation. Please contact the program office for a list of approved human biology courses by calling (253) 692-5820 or visiting WCG 203.

The M.S.W. program also requires the successful completion of a basic statistics course (in any discipline) prior to matriculation in the M.S.W. program. Credit will be given for the successful completion of a statistics course taken within the last five years. Statistics credit may not be applied to the M.S.W. degree. Official documentation must be supplied.

The M.S.W. program allows each student to determine which courses are taken to fulfill the 18 numerically-graded required credits. The following courses are graded on a credit/no credit basis and may not be used for the 18 credits: Cultural Diversity and Societal Justice, Foundation and Advanced Practicum (TSOCW 504, TSOCW 524 and TSOCW 525) and some selectives (indicated by CR/NC in the registration guide). Some students may need to take additional courses beyond the minimum requirements to fulfill this requirement.

Students are reminded to read and carefully adhere to the University's policies. Please refer to the "Graduate Programs" section in this catalog or refer to the Graduate Studies section in the University of Washington General Catalog for more information regarding graduate degree requirements.

Course Descriptions

For the most current course information, please consult the Social Work program Web site at www.tacoma.washington.edu/social.

TSOCW 501

Social Policy and Economic Security 3 credits

This course, presented during the first quarter of the foundation year, is designed to familiarize students with the U.S. social-welfare system and its historical, philosophical and cultural foundations within a social work context. The nature of social policy and economic security is explored in relation to income-maintenance programs, particularly social insurance and social-assistance programs, and the impact upon them of racism, classism and sexism. Attention is directed to issues of poverty, inequality, unemployment, disability and homelessness, as well as to the future of the American welfare state.

TSOCW 502/503

Human Behavior and the Social Environment I & II 3 credits each

The foundation HB&SE courses focus on the person-in-environment across the life span. The sequence utilizes developmental and social-system perspectives in seeking to understand and influence human behavior. The developmental stages are discussed across diverse backgrounds. The dynamics and processes of small-group, family, organization and community systems are addressed from a social-system perspective as socializing forces and as targets of change. Implications for social work practice, especially the assessment process, are highlighted.

TSOCW 504

Cultural Diversity and Societal Justice 3 credits

This course provides students with the knowledge needed for social work practice with disadvantaged and oppressed groups overrepresented in public sector practice. The course presents information regarding the history and status of people of color, women, individuals with disabilities, gay men and lesbians, and poor and working-class people. A major theme of the course is to provide an opportunity for exploration of how prejudice, discrimination and exclusion affect the experiences of members of these groups. Another theme is the unique strengths and capacities within each group that should be recognized and utilized in effective social

*Pending approval, a one-credit Introduction to Practicum course will be added to the requirements. If approved, the M.S.W. degree will require 75 credits.

work practice. The course also provides students with a framework for developing a social-change orientation for working toward social justice and equality. *Taken credit/no credit only.*

TSOCW 505
Introduction to Social Welfare Research
3 credits

This course provides an overview of research process and methods in social work with a focus on both being able to interpret and perform practice-based research. The course is designed to introduce students to the principles and skills needed to evaluate their own practice. Emphasis is placed on 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 application of research findings to practice.

TSOCW 510
Social Work Practice I:
Introduction to Social Work Practice
3 credits

This is the first of two required micro- or direct-practice courses. The first course provides foundation knowledge and skills in direct practice with individuals, couples, families and small groups. It is designed as the foundation for subsequent practice courses and the first practicum. By the end of the course, students are expected to identify social work values and ethics, discuss their implications in guiding direct practice, and demonstrate the following: an understanding of the person-in-environment perspective in assessment, intervention and evaluation; an understanding of how the social worker, with his or her attendant class, race/ethnicity, gender, sexual orientation, ability status, family of origin, and life experiences, is influenced by and influences direct practice; an understanding of how ethnic/racial minority status, culture, class, gender, sexual orientation and ability status affect the provision of direct services; an understanding of empowerment practice with diverse populations at risk; an understanding of effective communication skills; and an understanding of the importance of self-evaluation and practice-evaluation strategies.

TSOCW 511
Social Work Practice II:
Intermediate Direct Service Practice
3 credits

This course is focused on mastery in assessment, goal setting, and beginning expertise in intervention selection, planning, and evaluation, with the primary focus on individuals and families. The course focuses on intervention, emphasizing the empirical foundation of approaches to direct services; appropriate evaluation strategies; and approaches to monitoring the implementation of interventions with individuals and families. It is expected that by the end of the course students will understand and apply the basic principles of professional relationships to direct social work practice; demonstrate skill

in conceptualizing and writing assessments; understand basic interventions in work with individuals, families and groups; understand how culture, class, gender, ethnicity, sexual orientation, ability status, and life experiences of clients and social work professionals affect the provision of direct social work services; be skilled in conceptualizing social work practice; and have made linkages between classroom and practicum learning.

TSOCW 512
Social Work Practice III:
Organizational Practice
3 credits

This course is the first of two required macro-practice courses. The first course builds on foundation knowledge of human behavior, cultural diversity, policy and direct services. Topics and assignments are linked to practicum placements. The course focuses on how management activities contribute to service effectiveness for clients, as well as the quality of work conditions for staff. Various managerial roles, functions, and skills are examined. The impact of agency structure, culture and mission on staff, clients and organizational outcomes is discussed, with emphasis on how social work managers can influence change in these critical elements. In addition, the course covers ethical dilemmas associated with management activities, diversity in the workplace and empowerment methods for organizational change. Specific attention is devoted to knowledge and skills needed for leading task groups.

TSOCW 513
Social Work Practice IV:
Community Change Practice
3 credits

This is the second of the two-course sequence on macro-practice and focuses on community change strategies in social work practice. It builds on other foundation courses and topics, and assignments are linked to practicum placements. The course is designed to provide a frame of reference and the skills needed for community-based social work practice. Theories of social change are examined, with examples drawn from community organizing and policy advocacy. Students are assisted in developing an understanding of how communities affect clients; how individuals can organize to influence communities; how to use organizing strategies for community change; and how to develop tactics for problem-solving and collective action.

TSOCW 514
Social Work Practice V:
Foundation Practice Skills
3 credits

This course completes the required Foundation Practice sequence. The student selects one of a number of courses associated with key contemporary themes in social work that enhance practice skills at the micro, mezzo or macro levels.

TSOCW 524
The Professional Foundation Practicum
8 credits

This agency-based practicum emphasizes the development of knowledge, perspectives, and skills needed for practice with individuals, families, groups, organizations and communities. Opportunities are provided for students to engage in a range of practice activities under the supervision of an experienced social worker. The course awards eight credits over three quarters. *Taken credit/no credit only.*

TSOCW 525
Advanced Concentration Practicum
18 credits

The advanced practicum is an integral part of the Children, Youth and Families concentration curriculum. The practicum is determined by the practicum coordinator in collaboration with the student and is based on an in-depth interview with each student. The advanced practicum may not begin until all foundation requirements are completed. This agency placement begins during the second summer quarter and continues during the final or third year. The course awards 18 credits over four quarters. *Taken credit/no credit only.*

TSOCW 531
Child and Family Policy and Services
3 credits

This course explores policy issues in selected areas of child, youth and family services and provides a framework for policy analysis, emphasizing the role of values and evidence in policy formulation. Exercises highlight the critical interplay of policy, practice, research, and potential for policy reform.

TSOCW 532
Children, Youth and Families Practice I
3 credits

This practice course emphasizes individual, family and community-centered assessment and intervention within an ecological framework. Specific attention is given to family and community violence, substance abuse and mental health.

TSOCW 533
Children, Youth and Families Practice II
3 credits

This course builds on CYF Practice I. The focus is on the application of values, knowledge and skills emphasized within the practice frameworks of intensive case management, intensive family-preservation services, and social supports. Classroom sessions make extensive use of case materials.

TSOCW 535
Advanced Social Work Research for Children, Youth and Families Practice
3 credits

This course promotes the practical application of research concepts and skills to social work practice in community and agency CYF settings: conducting a needs assessment, monitoring individual/group/family outcomes, and evaluating program effectiveness.

TSOCW 536**Children, Youth and Family Methods
(Selective)**

3 credits

To complete the CYF Concentration students must choose at least two approved Selectives. The following CYF Selectives may be offered: Adult Interpersonal Violence; Child Welfare and Permanency Planning; School Social Work; Supervision and Leadership; Attachment and Resilience in Children's Mental Health; Gerontological Social Work: Health and Mental Health in Older Adults; and Group Work.

TSOCW 580**Aging and American Society**

3 credits / Prerequisite: Permission of instructor

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 21st century. *TSOCW 580 is not part of the required Alternative M.S.W. curriculum. Open to both undergraduate and graduate students.*

TSOCW 599**Readings in Social Work**

1-5 credits, max. 10

Student-originated, individually contracted projects on topics of interest in social welfare/ social work not covered by other Social Work program offerings. *TSOCW 599 is not part of the required M.S.W. curriculum. Credit/no credit only.*

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Index

- academic calendar 7
- academic policies 17
- academic probation 18
- academic standards 18
- academic warning 18
- Access program for older adults 15
- Accounting 25
- accreditation 6
- administration, officers of 6
- admissions
 - graduate 105
 - notification 106
 - undergraduate 20
 - categories 21
 - completing deficiencies for 23
 - notification 21
- admission requirements
 - Arts, Master of 126
 - Business Administration
 - bachelor of arts 26
 - master of 109
 - Computing and Software Systems
 - bachelor of science 35
 - master of science 114
 - Education, Master of 118
 - Environmental Science 58
 - graduate 105
 - Interdisciplinary Arts and Sciences 46
 - Nursing, Bachelor of Science 76
 - Nursing, Master of 131
 - Social Welfare 81
 - Social Work 136
 - Teacher Certification 87
 - undergraduate 20
 - Urban Studies 92
- ADN-BSN-MN study option 78
- American Studies 48
- application
 - change of quarter 20
 - fees 10
 - Financial aid 8
 - graduate 105
 - undergraduate 20
- application deadlines
 - graduate 106
 - undergraduate 21
- Applied Computing minor 99
- Arts, Media and Culture 48
- Asian Studies 99
- attendance 17
- auditors 15, 23

- baccalaureate honors 18
- bachelor's degree programs
 - Business Administration 25
 - Computing and Software Systems 35
 - Environmental Science 58
 - Interdisciplinary Arts and Sciences 45
 - Nursing (BSN) 75
 - Social Welfare 81
 - Urban Studies 91
- Board of Regents 7

- Business Administration
 - Bachelor of Arts in 25
 - Master of (MBA) 109
- calendar, academic 7
- campus map 2
- catalog for graduation 24
- certificate programs
 - Geographic Information Systems (GIS) 103
 - Nonprofit Studies 103
 - Restoration Ecology 104
- Chancellor's medal 18
- change of grade 17
- change-of-registration fee 11
- class standing 23
- class attendance 17
- commencement 24, 108
- Communication 49
- Communities, Populations and Health 129
- computer use policy 19
- Computing and Software Systems
 - bachelor of science degree 35
 - master of science degree 113
 - minor in 99
- conduct code, student 18
- consortium agreements 9
- course descriptions
 - Arts, Master of 126
 - Business Administration
 - bachelor of arts 29
 - master of 111
 - Computing and Software Systems
 - bachelor of science/arts 39
 - master of science 114
 - Education, Master of 121
 - Environmental Science 62
 - Global Honors 43
 - Interdisciplinary Arts and Sciences 59
 - Nursing, Bachelor of Science 78
 - Nursing, Master of 131
 - Social Welfare 84
 - Social Work 136
 - Teacher Certification 88
 - Urban Studies 94
- credit/no credit grade 16

- Dean's List 18
- degrees offered 6
- degrees with two majors 24
- diploma distribution 24, 108
- directory information, release of 19
- dropping a course 13
- dual admission 37

- Education
 - Educational Administrator 119
 - Master of 117
 - minor in 100
 - Professional Certificate 120
 - Teacher Certification 87
- education records, student 19
- Educational Administrator 119
- English composition requirement 22
- Environmental Science 58
- Environmental Studies
 - concentration in 50
 - minor in 100
- equal opportunity 4, 19

- Ethnic, Gender and Labor Studies 52

- faculty
 - Computing and Software Systems 41, 115
 - Education 89, 124
 - honors 18
 - Interdisciplinary Arts and Sciences 73, 127
 - Milgard School of Business 33, 112
 - Nursing 80, 133
 - Social Work 85, 138
 - Urban Studies 97
- fees 10
- final-year residency requirement 24
- Finance 26
- financial aid
 - applications 8
 - eligibility 8
 - FAFSA 8
 - renewal 8
 - resources 9
- financial obligations 12
- foreign language requirement 22
- full-time status 15

- General Business 26
- General Studies 53
- Geographic Information Systems (GIS), certificate in 103
- Global Honors 43
- Global Studies 53
- grade appeal procedure 17
- grade, change of 17
- grade reports 17
- grade-point average (GPA) 17
- grade-point average, transfer 23
- grading procedures 17
- grading system 16
- graduate admission procedure 105
- graduate application 105
- graduate courses, restrictions 107
- graduate degree application 108
- graduate nonmatriculated (GNM) students 106, 131
- graduate student policies 107
- graduating senior priority
 - for registration 13
- graduation requirements
 - bachelor's degree 24
 - Business Administration 28
 - Business Administration, Master of 110
 - catalog for 24
 - Computing and Software Systems 38
 - Education, Master of 118
 - Environmental Science 59
 - Interdisciplinary Arts and Sciences 48
 - master's degree 107
 - Nursing, Bachelor of Science 77
 - Nursing, Master of 131
 - Social Welfare 84
 - Social Work, Master of 136
 - Urban Studies 93
 - waiver of 24

- hardship withdrawal 14, 16
- Hispanic Studies 101
- Honors, Global 43
- honors, graduation 18
- Human Rights, minor in 101

- incomplete grade 16
- individually-designed concentration 54
- Institute of Technology 35, 113
- interdisciplinary areas 46
- Interdisciplinary Arts and Sciences 45
- Interdisciplinary Studies, Master of Arts 125
- International Business 26
- international students 21

- KeyBank Professional Development Center 6

- late add period 15
- late course drop period 15
- late payment of tuition 10
- late registration fee 11
- Leadership in Health Care 129
- letter grades 16
- low scholarship 18

- Management 26
- map of campus 2
- Marketing 26
- master's degree
 - applying for 108
 - Arts 125
 - Business Administration 109
 - Computing and Software Systems 113
 - Education 117
 - Interdisciplinary Studies 125
 - Nursing 129
 - Social Work 135
- matriculated students 21
- Milgard School of Business 25, 109
- military personnel 14, 22
- minors
 - Applied Computing 99
 - Asian Studies 99
 - Computing and Software Systems 99
 - Education 100
 - Environmental Studies 100
 - Hispanic Studies 101
 - Human Rights 101
 - Museum Studies 102
 - Nonprofit Management 102
 - Public History 102
 - Urban Studies 103
- mission 5
- Museum Studies 102

- nonmatriculated students 21
- Nonprofit Management
 - certificate in 104
 - minor in 102
- notification of admission decision 21, 106
- Nurse Educator 129
- Nursing
 - Bachelor of Science (BSN) 75
 - Master of (MN) 129

- officers of administration 6
- on-leave status, graduate student 107

- part-time status 15
- Political Economy 54
- Politics and Values 55
- postbaccalaureate students 21
- pre-major admission 21
- prerequisites
 - Business Administration 27
 - Computing and Software Systems 36
 - Environmental Science 58
 - Interdisciplinary Arts and Sciences 46
 - Nursing (BSN) 77
 - Social Welfare 82
 - Teacher Certification 88
 - Urban Studies 92
- Principal Certification (*see Educational Administrator*)
- priority application dates
 - for graduate admission 106
 - for undergraduate admission 21
- Psychology 56
- Professional Certificate 120
- Professional Development Center 6

- quarter-off policy 13

- re-registration fee 11
- readmission, graduate student 107
- registering for classes 14
- registering at other UW campuses 13
- registration
 - eligibility 13
 - fees 10
 - guide 14
 - how to 14
 - periods 15
 - policies 13
- reinstatement 18
- repeating courses 17
- residence classification requirements 15
- residency requirement, final-year 24
- Restoration Ecology certificate 104
- returning former students 21

- satisfactory/not satisfactory grade 16
- satisfactory progress 18
- scholarships 9
- scholastic standards required for
 - baccalaureate degree 23
 - second baccalaureate degree 24
- Self and Society 57
- semester credit, converting to quarter 23
- sexual harassment complaint procedure 19
- Social Welfare, Bachelor of Arts 81
- Social Work, Master of (MSW) 135
- staff, complete list 139
- student conduct code 18
- student directory information, release of 19
- student education records 19
- student rights and responsibilities 18
- study abroad 47
- summer-only visiting students 21
- summer quarter 15

- Teacher Certification 87
- technology fee 11
- Technology, Institute of 35, 113
- transcripts 17
- transfer credit
 - applicability of 23
 - graduate 107
 - restrictions on 22
 - undergraduate 22
- transfer GPA 23
- tuition
 - exemption 12
 - forfeiture 10
 - payment 10
 - rates 11
 - refund 10
 - request to waive 10
 - two majors (or two degrees) 24
- undergraduate
 - admission requirements 20
 - application process 20
 - honors 18
 - transfer credit 22
- university policies 16
- unrestricted drop period 15
- Urban Studies
 - bachelor of arts 91
 - minor in 103

- visiting graduate students 106

- waiver of graduation requirements 24
- withdrawal policies 14, 16
- writing requirement 22



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