Minors and Certificates

Requirements for completing a minor

Students must officially declare a minor using the Declare a Major or Minor form available from the Office of the Registrar or on the UW Tacoma website and submitting it to their academic advisor.

Minors do not have prerequisites and do not require any additional application materials.

To successfully complete a minor, students must achieve a minimum 2.0 cumulative grade point average (GPA) for all courses involved in the minor. The student's DARS report (available through MyUW) for the minor keeps track of this GPA.

Declaring a minor

Students must have completed at least 45 credits and have declared a major before declaring a minor.

Complete instructions for declaring a minor can be found on page 25. For more information about any of these minors or certificates, talk to an advisor in the Academic Advising Center.

Applied Computing Minor

The minor in Applied Computing is designed for students who want to be sophisticated users of computing technology and principals in their field, but do not seek extensive programming experience. The minor offers grounding in basic computing skills and principles and key technologies such as database management and computer networks. It also provides the student the opportunity to integrate these skills into his or her major field.

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:

Core courses (15 credits)
- T INST 310 Computational Problem Solving
- T INST 311 Database Management and Data Analysis
- T INST 312 Computer Networks and the Internet

Elective courses (10 credits)
Students must choose one course from each list to fulfill the 10 elective credits:
- List A (5 credits):
  - T INST 401 Technology in the Service of Global Society
  - T INST 475 Entrepreneurship in Computer Science and Systems
  - T INST 490 Special Topics in Applied Computing
  - T INST 498 Directed Readings in Applied Computing
  - T INST 499 Research in Applied Computing
  - TCSS 452 Human-Computer Interface
  - TCSS 481 Computer Security
- List B (5 credits):
  - A second T INST elective from List A
  - TACCT 330 Introduction to Accounting Information Systems
  - TBUS 301 Quantitative Analysis for Business
  - TESC 101 Introduction to Environmental Science
  - TESC 107 Geohazards and Natural Disasters
  - TESC 120 Introductory Biology I
  - TESC 122 Physics: Electromagnetism and Oscillatory Motion
  - TESC 123 Physics: Waves
  - TESC 130 Introductory Biology II
  - TESC 140 Introductory Biology III
  - TESC 215 Meteorology
  - TESC 236 Plants and People: the Science of Agriculture
  - TESC 239 Energy and the Environment
  - TESC 243 Geography of the Physical Environment
  - TESC 315 Applied Physics with Environmental Applications
  - TESC 333 Environmental Chemistry
  - TESC 340 Ecology and Its Applications
  - TESC 345 Pollution and Public Policy
  - TESC 362 Introduction to Restoration Ecology
  - TESC 404 Costa Rica Field Studies: Ecology and Community
  - TESC 433 Pollutant Fate and Transport in the Environment
  - TESC 435 Limnology
  - TESC 445 Estuarine Field Studies
  - TGIS 311 Maps and GIS
  - T HIST 487 Technology in the Modern World
  - TPSYCH 330 Inquiry and Research in the Social Sciences
  - TSOCWF 424 Information Technology and Human Service Practice

Note: Some required courses may be taken out of sequence to accommodate student schedules.
Asian Studies 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
  - TCOM 461: Media and Identity in Asia
  - TECON 332: Rise of East Asia
  - TECON 460: China's Rise and its Global Economic Implications
  - T HIST 271: Modern East Asia
  - T HIST 372: Comparative Perspectives on East Asian and Latin American Development
  - T HIST 474: Imperial China
  - T HIST 486: Contemporary Chinese Culture and Society
  - TPOL S 203: Introduction to International Relations
  - T URB 430: Pacific Rim Cities

- 20 credits from the following list of content courses:
  - T ARTS 281: Art and Culture in India
  - T ARTS 282: Art and Culture in China
  - T ARTS 283: Art and Culture in Japan
  - T ARTS 284: Art and Culture in the Pacific
  - TCHIN 101: First Year Chinese
  - TCHIN 102: First Year Chinese
  - TCHIN 103: First Year Chinese
  - TECON 340: International Economics
  - TECON 417: Political Economy of India
  - TECON 460: China's Rise and its Global Economic Implications
  - T HIST 270: Premodern East Asia
  - T HIST 462: History of Vietnam
  - T HIST 463: Premodern Japan
  - T HIST 464: Modern China
  - T HIST 465: Modern Japan
  - T HIST 466: Modern Korea
  - T HIST 484: The Pacific War
  - TRELIG 366: Islam
  - TRELIG 367: East Asian Religions: Zen and Taoism
  - TRELIG 463: God: East and West

Credit for study in Asia may count toward credit for course work. See an advisor for details.

*This minor is offered by Interdisciplinary Arts and Sciences. Students wishing to receive this minor must complete a minimum of 10 credits in the minor on the Tacoma campus. Note: Some minors require more than 10 credits be completed on the Tacoma campus. See an advisor for details.

Business Administration Minor

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

The minor requires 30 credits (minimum of 20 credits in residence). There are four specific courses required for a total of 20 credits. An additional 10 credits of 300–400 level electives, which should generally be taken after completion of all required courses, are selected from an approved list of classes. Students may request to transfer up to 10 credits to be applied toward the required courses.

In order to earn the minor, students must receive a 2.0 or higher in each required course. At least four courses for the Business minor must be taken at the upper-division (i.e. 300–400) level.

**Learning Outcomes**

1. To recognize the social, political, ethical, and environmental consequences of management decisions.

2. To understand group and individual dynamics in organizations.

3. To evaluate an organization’s market, competitive position, and customers, in order to make effective decisions regarding organizational focus and resource deployment.

Courses are 5 credits unless otherwise noted.

**Required Courses (20 credits)**

- T ACCT 210: Introduction to Financial Accounting
- T BUS 320: Managing Organizations
- T BUS 330: Introduction to Microeconomics
- T BUS 330: Managing Organizations
- T BUS 350: Managing Organizations
- T BUS 400: Managing Organizations
- T BUS 450: Managing Organizations
- T BUS 460: Managing Organizations
- T BUS 470: Managing Organizations
- T BUS 480: Managing Organizations
- T BUS 490: Managing Organizations
- T BUS 500: Managing Organizations
- T BUS 510: Managing Organizations
- T BUS 520: Managing Organizations
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- T BUS 610: Managing Organizations
- T BUS 620: Managing Organizations
- T BUS 630: Managing Organizations
- T BUS 640: Managing Organizations
- T BUS 650: Managing Organizations
- T BUS 660: Managing Organizations
- T BUS 670: Managing Organizations
- T BUS 680: Managing Organizations
- T BUS 690: Managing Organizations
- T BUS 700: Managing Organizations
- T BUS 710: Managing Organizations
- T BUS 720: Managing Organizations
- T BUS 730: Managing Organizations
- T BUS 740: Managing Organizations
- T BUS 750: Managing Organizations
- T BUS 760: Managing Organizations
- T BUS 770: Managing Organizations
- T BUS 780: Managing Organizations
- T BUS 790: Managing Organizations
- T BUS 800: Managing Organizations
- T BUS 810: Managing Organizations
- T BUS 820: Managing Organizations
- T BUS 830: Managing Organizations
- T BUS 840: Managing Organizations
- T BUS 850: Managing Organizations
- T BUS 860: Managing Organizations
- T BUS 870: Managing Organizations
- T BUS 880: Managing Organizations
- T BUS 890: Managing Organizations
- T BUS 900: Managing Organizations
- T BUS 910: Managing Organizations
- T BUS 920: Managing Organizations
- T BUS 930: Managing Organizations
- T BUS 940: Managing Organizations
- T BUS 950: Managing Organizations
- T BUS 960: Managing Organizations
- T BUS 970: Managing Organizations
- T BUS 980: Managing Organizations
- T BUS 990: Managing Organizations

**Elective Courses (10 credits)**

- T BUS 400: Managing Organizations
- T BUS 450: Managing Organizations
- T BUS 470: Managing Organizations
- T BUS 490: Managing Organizations
- T BUS 500: Managing Organizations
- T BUS 510: Managing Organizations
- T BUS 520: Managing Organizations
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- T BUS 960: Managing Organizations
- T BUS 970: Managing Organizations
- T BUS 980: Managing Organizations
- T BUS 990: Managing Organizations

Criminal Justice Minor

The minor in Criminal Justice is designed to prepare students to work in a variety of criminal justice settings and cultivate an appreciation for the complexities of justice, crime and corrections. The curriculum is designed to provide a foundation for students who are interested in a career in criminal justice settings as a specialty of their major field, students interested in issues of justice and crime, or non-matriculated students who are already employed in criminal justice settings and seek additional course work as a means of advancing their careers.

**Learning Outcomes**

- Students will gain an understanding of the origins of criminal behavior, society's responses to crime and delinquency and the consequences of crime for our society.
- Students will become sensitized to the human impacts of criminal justice policies including differential impacts of race/ethnicity, social class, age, and gender.
- Students will be grounded in theoretical and empirical knowledge, values and skills related to criminal justice as they develop into competent professionals.
- Students will recognize the multiple needs of the victims of criminal behavior, including crisis and trauma interventions.

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Students will become knowledgeable about special populations in the criminal justice system including sex offenders, the chemically dependent, and individuals with mental illness.

Requirements

The minor requires 30 credits (minimum of 20 credits in residence). The minor requires three core courses for a total of 15 credits and an additional 15 credits of electives chosen from an approved list. At least 15 credits (core and elective combined) must be taken at the upper-division (300-400) level.

Students may request to transfer in up to 10 credits to be applied toward the required courses. The student must maintain an overall cumulative GPA of 2.0 in all criminal justice minor course work and a minimum 2.0 GPA in each course required to earn the minor.

Core Courses (15 credits)

- T CRIM 200 Introduction to Criminal Justice (5)
- T CRIM 271 Introduction to the Sociology of Deviance and Social Control (5) or T CRIM 362 Criminological Theory (5)
- T CRIM 361 Addictions and Mental Illness in Criminal Justice (5)

Approved Electives (15 credits)

For a complete list of elective courses visit tacoma.uw.edu/social-work/criminal-justice-minor. Electives may be approved by an academic advisor in consultation with faculty by submitting a program petition for course substitution.

Economics Minor*

An economics minor allows UW Tacoma students to strengthen their facility with economic reasoning and conceptual understanding in a way that complements their studies in their chosen major/concentration. In this way, students can develop their economic reasoning and understanding and apply this knowledge to other areas such as communications, history, business, psychology, social work, sociology and literature.

Note: This minor is not open to students in the Politics, Philosophy and Economics major in IAS.

Requirements

The Economics minor requires 25 credits to include the following:

10 credits of core courses:
- TECO 200 or TBECON 220 Introduction to Microeconomics
- TECO 201 or TBECON 221 Introduction to Macroeconomics

15 credits of upper-division courses (300 - 400 level) within the Economics track of Politics, Philosophy and Economics (PPE). For a complete list, see tacoma.uw.edu/interdisciplinary-arts-sciences/ppe-degree-requirements.

TECON 420 Intermediate Microeconomic Theory
TECON 313 Theories of Economic Development and Social Change
TECON 332 Rise of East Asia
TECON 340 International Economics
TECON 350 Economic History of Europe
TECON 360 Poverty in Developing Countries
TECON 370 Economics and Social Mobility
TECON 394 Comparative Economic Development
TECON 401 Topics in Economic History
TECON 410 Economics of Public Policy
TECON 416 Current Issues in U.S. Public Policy
TECON 417 Political Economy of India
TECON 420 Economics of Education
TECON 421 Environmental Policy
TECON 425 Contemporary Issues in International Political Economy
TECON 440 Global Economic Challenges
TECON 450 Labor Economics and Policy
TECON 460 China's Rise and its Global Economic Implications
TECON 470 Economics of Health and Health Policy
TGEOG 349 Geography and International Trade
TPOLS 330 International Political Economy of Latin America
TPOLS 460 Political Economy of European Union
TPOLS 485 Study Abroad in Politics, Philosophy and Economics

Education Minor*

The education minor is designed to assist students to focus on courses that may help them fulfill requirements for entry into UW Tacoma’s Education Program Teacher Certification Program. Any course taken for the purpose of fulfilling a Teacher Certification program curriculum requirement or prerequisite must be passed with a 2.7 minimum grade. Students should consult with a program advisor prior to enrolling in classes. The Education minor requires 30 credits:

Education Core (15 credits):

All three courses below:

TEDUC 471 Diversity and Equity in Schools and Curriculum (5)*
TEDUC 482 Foundations of Education: Policy, Ethics, and Philosophy (5)*
TEDUC 490 Service Learning Practicum in Education (5)*

One developmental psychology course (5 credits):

TPSYCH 220 Lifespan Development (or equivalent transfer course)
TPSYCH 230 Educational Psychology
TPSYCH 320 Theories of Child Development (or equivalent)
TPSYCH 321 Adolescent Psychology (or equivalent transfer course)

Two writing-intensive courses (10 credits)†

*These courses will fulfill requirements for core courses in the graduate Education Program Teacher Certification Program.
†The above courses fulfill Elementary Education Teacher Certification Program prerequisites.

Environmental Studies Minor*

The Environmental Studies minor gives students who are interested in environmental issues a good grounding in the principles of this field. For students interested in the various aspects of the environment, such as science, law, economics, history, policy, health, education, psychology, and justice, this minor offers a range of courses to choose from as well as the basic science. No prerequisites are needed. For students from all majors, this minor can be useful in obtaining the perspectives that make them more successful job applicants, as well as more informed employees and citizens.

Requirements

The minor in Environmental Studies requires 25 credits to include:

- TESC 201 The Science of Environmental Sustainability

- Five credits of a biological science (B) course and five credits of a physical science (P) courses from the list below.

OR – Five credits of a biological science (B) course and five credits of a physical science (P) course from the list on our webpage at: tacoma.uw.edu/interdisciplinary-arts-sciences/environmental-studies-minor

- TESC 107 Geohazards and Natural Disasters (P)
- TESC 110 General Biology (B)
- TESC 111 Introduction to Astronomy (P)
- TESC 117 Physical Geology (P)
- TESC 120 Introductory Biology I (B)
- TESC 141 General Chemistry I (P)
- TESC 202 Plant Biology & Ecology (B)
- TESC 213 Physical Forces in the Natural World (P)
- TESC 215 Meteorology (P)
- TESC 227 Earth History (P)
- TESC 232 Issues in Biological Conservation (B)
- TESC 236 Plants and People: The Science of Agriculture (B)
The Health and Society minor is open to all UW Tacoma students, except Nursing and Healthcare Leadership majors. The Health and Society minor offers students the opportunity to increase their understanding of, and advocacy for, health within a broad social context. The courses enable students to make use of valid sources of information, to understand health policy, and to examine individual, community, environmental, and global health issues. The Health and Society minor provides a valuable study option for students with allied health work experience or students interested in the health care sector.

**Requirements**

All courses must be completed with a minimum grade of 2.0. The minor in Health and Society requires **28 credits** to include:

- T HLTH 310: Health, Illness and Society (5 credits)
- THLEAD 407: Diversity, Health and Inequities (3 credits)

20 credits from among the following courses:

- T HLTH 320: Promoting Health Through Social Marketing
- T HLTH 325: Medical and Ethical Issues in Literature and Culture
- T HLTH 330: Adolescents in Film
- T HLTH 410: Environmental Equity
- T HLTH 415: Representations of Health Policy and Ethics in Film
- T HLTH 420: Holistic Health
- T HLTH 425: Violence in Intimate Partner Relationships
- T HLTH 430: Adolescent Health in Context
- T HLTH 435: Women's Health, Women's Lives
- T HLTH 440: Business of Health Care
- T HLTH 445: Knowing Health and Illness Through the Arts
- T HLTH 470: Challenges and Controversies in U.S. Health Care
- T HLTH 472: Human Health and the Environment
- T HLTH 480: Death and American Society
- T HLTH 485: Critical Issues in Global Health
- THLEAD 360: Healthcare Leadership Strategies
- THLEAD 380: Healthcare Budgetary Analysis and Financial Decision Making
- THLEAD 410: Ethical Issues in Healthcare
- THLEAD 420: Healthcare Accreditation and Legal Issues (5)

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20 credits from among the following courses:

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- T HLTH 480: Death and American Society
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**Requirements**

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- T HLTH 310: Health, Illness and Society (5 credits)
- THLEAD 407: Diversity, Health and Inequities (3 credits)

20 credits from among the following courses:

- T HLTH 320: Promoting Health Through Social Marketing
- T HLTH 325: Medical and Ethical Issues in Literature and Culture
- T HLTH 330: Adolescents in Film
- T HLTH 410: Environmental Equity
- T HLTH 415: Representations of Health Policy and Ethics in Film
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- T HLTH 485: Critical Issues in Global Health
- THLEAD 360: Healthcare Leadership Strategies
- THLEAD 380: Healthcare Budgetary Analysis and Financial Decision Making
- THLEAD 410: Ethical Issues in Healthcare
- THLEAD 420: Healthcare Accreditation and Legal Issues (5)
Hispanic Studies 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 from List A located at: tacoma.uw.edu/interdisciplinary-arts-and-sciences/hispanic-studies-minor
- 15 credits from List B located at: tacoma.uw.edu/interdisciplinary-arts-and-sciences/hispanic-studies-minor

- OR-

- List A: 10 credits:
  - TSPAN 301  Intensive Spanish: Reading
  - TSPAN 302  Intensive Spanish: Conversation
  - TSPAN 303  Spanish Stylistics and Composition
  - TSPAN 335  Spanish Linguistics
  - TSPAN 348  Writing and the Research Process
  - TSPAN 351  Introduction to Hispanic Literary Studies (may not be used for both lists)
  - TSPAN 352  Introduction to Hispanic Cultural Studies (may not be used for both lists)
  - TSPAN 374  Hispanic Culture Through Film (may not be used for both lists)
  - TSPAN 388  Contemporary United States Latino/a Literature (may not be used for both lists)
  - TSPAN 393  Foreign Study
  - TSPAN 425  Advanced Communication Skills
  - TSPAN 451  Hispanic Women Writers (may not be used for both lists)
  - TSPAN 480  Contemporary Spanish Culture (may not be used for both lists)
  - TSPAN 451  Hispanic Women Writers (may not be used for both lists)
  - TSPAN 480  Contemporary Spanish Culture (may not be used for both lists)

- List B: 15 credits:
  - TSPAN 351  Introduction to Hispanic Literary Studies (may not be used for both lists)
  - TSPAN 352  Introduction to Hispanic Cultural Studies (may not be used for both lists)
  - TSPAN 374  Hispanic Culture Through Film (may not be used for both lists)
  - TSPAN 388  Contemporary United States Latino/a Literature (may not be used for both lists)

**Human Rights 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. Students are highly encouraged to take courses from the other two campuses as well as UW Tacoma to complete this minor. The expertise available on all three campuses has the potential to make the experience a richer one, providing more choices for internships and specialization of study within the minor. This information is provided to students who want a summary of the UW Tacoma offerings.

**Requirements**

The Human Rights minor requires **25 credits** to include the following:

- 10 credits of courses in which human rights is a core concept (List A) from our list at: tacoma.uw.edu/interdisciplinary-arts-and-sciences/human-rights-minor
- 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.

**List A: 10 credits of courses concerned with human rights (i.e., as defined in the Universal Declaration of Human Rights) as a core concept.**
- T HIST 457  Antisemitism and the Holocaust
- T HIST 520  Health and Human Rights
- T PHIL 200  Introduction to the Philosophy of Human Rights
- TPOL S 251  Cultural Studies: Torture and Human Rights
- TPOL S 311  International Human Rights
- TPOL S 368  The Politics and Law of International Human Rights
- TPOL S 410  Labor Rights & Human Rights
- TPOL S 420  Theories of Political Violence
- TPOL S 422  International Humanitarian Law
- TPOL S 453  Political Theory of Human Rights

**List B: 5 credits of courses concerned with human rights in a broad context, e.g. poverty, race/ethnicity, gender.**
- TECON 313  Theories of Economic Development and Social Change
- TECON 425  Contemporary Issues in International Political Economy
- TPOL S 312  19th Century Revolutions and Revolutionaries
- TPOL S 320  American Constitutional Law
- TPOL S 328  International Organizations
- TPOLS 348  Gender and Law
- TPOLS 363  Law in Society
- TPOLS 435  Popular Movements in Latin America
- TPOLS 450  Contemporary Theories of Culture: Post-9/11 (Please Note: Only this variation of TPOL S 450 counts)
- TPOL S 452  Minorities and the Law
- TPOL S 456  Community and Labor Organizing: A Multicultural Perspective
- T SOC 335  Social Class and Inequality
- T SOC 434  Women, Race, and Class: Identity and Intergroup Relations
- T SOC 456  Rural Societies and Development
- T URB 314  Gender and the Urban Landscape
- T URB 316  Cities and Citizenship
- TPOL S 496  Internship

**Important note for students who choose the internship option:** Human rights internships have as their primary objective learning about human rights work and facilitating a synthesis between classroom learning and practical engagement. Appropriate human rights internships may be supervised by any University of Washington faculty member. Students who choose this route to fulfill the minor’s requirements must find an appropriate internship and register for TIAS 496. The new Human Rights Minor form MUST be stapled to the TIAS 496 Internship form when you submit it to the IAS program if you want the internship to count for the minor. Be sure to have supervising faculty sign it or your minor may be incomplete.
**Law and Policy Minor***

The Law and Policy minor provides students with a foundation in logical reasoning and develops their ability to analyze and communicate complex ideas. Through a minor in law and policy, students will develop a broad appreciation of the role of law and policy in their field of study, whether it is in environmental science, business, communications, social work, psychology or another field.

*Note: This minor is not open to students in the Politics, Philosophy and Economics major.*

**Requirements**

The Law and Policy minor requires 25 credits to include the following:

- **10 credits of core courses:**
  - TPOLS 363 Law and Society
  - TECON 100 Understanding Economics or TECON 200 / TBECON 220 Introduction to Microeconomics

- **15 credits of upper-division courses (300 - 400 level) from the list available at tacoma.uw.edu/interdisciplinary-arts-and-sciences/law-and-policy-minor.**

**Mathematics Minor***

The Mathematics minor provides an opportunity for students to strengthen their facility with quantitative analysis in their chosen discipline and to provide the necessary content for future math teachers. Mathematics contributes technical tools for precise reasoning and communication. The study of mathematics provides a paradigm of critical thinking: identifying and questioning premises, inferring patterns from evidence, deducing conclusions from hypotheses, and expressing ideas clearly- all benefiting the diverse needs of student pursuing undergraduate study in science, social science, technology, business, education and the liberal arts.

**Requirements**

The Mathematics minor requires 33 credits to include:

- **Required Courses (21 credits)**
  - TMATH 125 Calculus with Analytic Geometry I (5)
  - TMATH 126 Calculus with Analytic Geometry II (5)
  - TMATH 201 Calculus with Analytic Geometry III (5)
  - TMATH 270 Introduction to Differential Equations (3)
  - TMATH 308 Matrix Algebra with Applications (3)

- Math electives (12 credits of courses numbered 300 or higher)

12 credits numbered 300 or higher from our list at: tacoma.uw.edu/interdisciplinary-arts-and-sciences/mathematics-minor

**Museum Studies Minor***

The minor in Museum Studies familiarizes students with museum theory, philosophy, and practice. It aims to prepare the student for graduate studies in museology, museum management, and entry-level positions in the field. The minor encompasses shared practices that involve registration, curatorial approaches, conservation, fundraising and general management.

The unique location of UW Tacoma within a central campus of museums, and its proximity to major metropolitan areas (less than one hour to Seattle, and two hour proximity to Portland) provides students with numerous internships, and job placement opportunities.

**Requirements**

The minor in Museum Studies requires 25-30 credits to include:

- **Foundation (5 credits):**
  - TNPRT 449 Museum Studies

- **Core (5 credits):**
  - TNPRT 448 Cultural Administration and Policy

- **Nonprofit Electives (10 credits):**
  - TNPRT 431 Community Organization & Nonprofit Sector
  - TNPRT 432 Organizational Development
  - TNPRT 450 Methods of Museum Interpretation
  - TNPRT 451 Fund Raising and Grant Writing

- **Internship (5-10 credits) with a focus in museum studies and approved by supervising faculty member.**
  - TIAS 496 Internship
Nonprofit Management Minor/ Certificate*

The certificate program is designed to meet the needs of post-baccalaureate 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 the following:

- TNPRFT 431 Community Organizations and the Nonprofit Sector
- TNPRFT 432 Organizational Development
- TNPRFT 451 Essentials of Grant Writing and Fundraising
- TNPRFT 457 Nonprofit Management Capstone
- TIAS 496 Internship

Politics Minor*

The politics minor allows students to strengthen their facility with political reasoning and theory in ways that complement their studies in their chosen majors/concentrations. Specific areas of study that would benefit from a politics minor include environmental studies, history, communications, business, social work and urban studies. More substantially, the politics minor will help students become more informed about and engaged with local, national and international issues, and support those students interested in being able to teach political science or social studies as high school teachers.

Note: This minor is not open to students in the Politics, Philosophy and Economics concentration in IAS.

Requirements

The Politics minor requires **25 credits** to include the following:

- 10 credits of core courses:
  - TPOL S 201 Introduction to Political Values and Ideas
  - TPOL S 202 Introduction to American Politics
  - TPOL S 203 Introduction to International Relations
- 15 credits of upper-division courses (300 - 400 level) within the Politics and Philosophy track of the Politics, Philosophy and Economics concentration (see page 85). The list is available at: [tacoma.uw.edu/interdisciplinary-arts-and-sciences/politics-minor]

Public History Minor*

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.

Requirements

The Public History minor requires **35 credits** to include the following:

- U.S. History Core: 10 credits
  - T HIST 200 American History I: 1607-1877
  - T HIST 201 American History II: 1877-present
- 5 credits from History Elective
  - History Elective: 5 credits (List A)
    - T ANTH 464 Native American Cultural Areas
    - T ARTS 311 History of Rock and Roll
    - T ARTS 411 History of Jazz
    - TESC 247 Maritime History and Science in the Pacific Northwest
    - TEST 221 Environmental History: Water
    - TEST 332 A Natural History of Garbage
    - T GH 301** Global Interactions
    - T HISP 238 Hispanics in the United States
    - T HIST 212 The Military History of the United States from Colonial Times to the Present
    - T HIST 220 African-American History 1619 - 1865
    - T HIST 221 African-American History 1865 - 1945
    - T HIST 222 African-American History 1945 - present
    - T HIST 226 American Architecture
    - T HIST 320 Asian American History
    - T HIST 322 American Labor Since the Civil War
    - T HIST 333 Early American Music, Art, Literature, and Theater
    - T HIST 336 Black Labor and Protest Music in Historical Perspective
    - T HIST 340 History of the United States: American Indian Relations
    - T HIST 341 African-American History
    - T HIST 410 Early American Politics; Constitution and Law

Public History Minor*
Religious Studies Minor*

UW Tacoma students are both members of their local communities and global citizens, exposed to a variety of world views and cultures. To become respectful and informed global citizens, it is vital to have an understanding of diverse religious beliefs and practices and how they interact with larger political and social systems. In terms of the UWT campus, course offerings in this minor will help to promote programmatic emphasis on interdisciplinarity, sustainability, and cross-cultural understanding. The proposed minor responds to student demand and utilizes the expertise of existing faculty. It will formalize existing offerings in the PPE program and more broadly in IAS without requiring additional resources, whilst at the same time leaving scope for future expansion.

Students must complete 25 credits, with 10 required and 15 optional credits of which at least 10 should be upper-division.

Required Courses (10 credits):
- TRELIG 235 Religion in the Modern World (5)
- TRELIG 321 Comparative Religion (5)

Remaining Credits (15 credits)

(At least 10 must be upper-division credits.)
- TARTS 282 Art and Culture in China
- TARTS 283 Art and Culture in Japan
- TARTS 284 Art and Culture in the Pacific
- T HIST 356 History of Christianity (5)
- T HIST 420 African-American Religious History (5)
- T HIST 477 Reformation and Counter-Reformation Europe (5)
- T PHIL 358 History of Philosophy: Medieval and Modern (5)
- TRELIG 310 Religious Diversity in America (5)
- TRELIG 320 Confucianism and East Asian Modernity (5)
- TRELIG 365 Hinduism and Buddhism (5)
- TRELIG 366 Islam (5)
- TRELIG 367 East Asian Religions: Zen and Taoism (5)
- TRELIG 463 God: East and West (5)

-OR-
- 15 credits (at least 10 must be upper-division credits) from Options for Remaining Credits at: tacoma.uw.edu/interdisciplinary-arts-and-sciences/religious-studies-minor

Restoration Ecology Minor/ Certificate (REC)*

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. Please see Seattle's equivalencies at: depts.washington.edu/uwren/certificate/REC_requirements.htm

- 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 website 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 (2 credits)
  TESC 464 (5 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.
Sustainability minor*

The Sustainability minor is the first trans-disciplinary minor on the UW Tacoma campus, as sustainability requires an understanding of issues from social, environmental, and economic perspectives. Leaders of industry and today’s students believe sustainability will be an important part of our future and this minor provides students the skills and knowledge to be sustainability practitioners and leaders.

The sustainability minor gives students grounding in sustainability practice and theory, and creates a foundational understanding of local and global problems from a social, economic and environmental perspective. Solutions for many of the complex, large scale sustainability issues, such as social injustice, economic inequity, environmental destruction and climate change, require and understanding of these issues from multiple perspectives. The minor in sustainability would be valuable for students form any major, as it provides and overlap of the multiple perspectives where sustainability solutions exist while enhancing student's sustainability literacy.

Student learning outcomes

At the end of this minor, students should be able to:

1. Demonstrate a deep understanding of the local and global challenges to sustainability from economic, environmental and social perspectives.
2. Apply the skills and knowledge to communicate and critically evaluate sustainability issues across disciplines.
3. Link knowledge with action in order to promote sustainability and serve as leaders in their communities.
4. Recognize how social, economic, and environmental equity issues are embedded within sustainability.

Requirements

The Sustainability minor requires 32-35 credits. At least 10 credits are required to be upper-division; at least 60% of credits taken must not overlap with major requirements to include the following:

Sustainability Foundation Courses (15 cr.)

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>TESC 201</td>
<td>The Science of Environmental Sustainability (5)</td>
</tr>
<tr>
<td>TEST 295</td>
<td>Valuing Ecosystem Services and Natural Capital (5)</td>
</tr>
<tr>
<td>TSUD 222</td>
<td>Introduction to Sustainability (5)</td>
</tr>
</tbody>
</table>

Select 15 credits from the following areas. Programs will advise students where to focus within the three areas, to complement major. Capstone projects are required.

(1) Policy, Society, and Economics

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>TSUD 240</td>
<td>The City and Nature (5)</td>
</tr>
<tr>
<td>TSUD 323</td>
<td>Sustainable Urban Development Policies (5)</td>
</tr>
<tr>
<td>TSUD 333</td>
<td>Assessment and Evaluation of Urban Sustainability (5)</td>
</tr>
<tr>
<td>TSUD 445</td>
<td>Urban Ecology (5)</td>
</tr>
<tr>
<td>TSUD 475</td>
<td>Community and Economy (5)</td>
</tr>
<tr>
<td>TCOM 310</td>
<td>Contemporary Environmental Issues &amp; The Media (5)</td>
</tr>
<tr>
<td>T MGMT 420</td>
<td>Managing Corporate Responsibility (5)</td>
</tr>
<tr>
<td>THIST 315</td>
<td>Industrialization and Reform (5)</td>
</tr>
<tr>
<td>TPOLS 438</td>
<td>Environmental Law (5)</td>
</tr>
<tr>
<td>TPOLS 439</td>
<td>Washington Environmental Law (5)</td>
</tr>
<tr>
<td>TPOLS 465</td>
<td>Law and Public Policy (5)</td>
</tr>
<tr>
<td>TSOC 265</td>
<td>Race and Ethnicity in the United States (5)</td>
</tr>
<tr>
<td>TEST 332</td>
<td>A Natural History of Garbage (5)</td>
</tr>
<tr>
<td>TEST 335</td>
<td>Environmental Impact Analysis (5)</td>
</tr>
<tr>
<td>TECON 394</td>
<td>Comparative Economic Development (5)</td>
</tr>
<tr>
<td>TECON 421</td>
<td>Environmental Policy (5)</td>
</tr>
<tr>
<td>T HLTH 372</td>
<td>Environmental Health: Local to Global (5)</td>
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</tbody>
</table>

(2) Science, Environmental Issues, and Environmental Thought

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
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</thead>
<tbody>
<tr>
<td>TESC 232</td>
<td>Issues in Biological Conservation (5)</td>
</tr>
<tr>
<td>TESC 236</td>
<td>Sustainable Agriculture (5)</td>
</tr>
<tr>
<td>TESC 239</td>
<td>Energy and the Environment (5)</td>
</tr>
<tr>
<td>TESC 319</td>
<td>Water Quality Concepts and Watershed Studies (6)</td>
</tr>
<tr>
<td>TESC 341</td>
<td>Climate Change (5)</td>
</tr>
<tr>
<td>TESC 345</td>
<td>Pollution and Public Policy (5)</td>
</tr>
<tr>
<td>TESC 402</td>
<td>History and Ecology of Biological Invasions (5)</td>
</tr>
<tr>
<td>T INST 401</td>
<td>Technology in the Service of Society: A Seminar in the Integration of Technology and Social Interests (5)</td>
</tr>
<tr>
<td>TPHIL 456</td>
<td>Environmental Ethics (5)</td>
</tr>
</tbody>
</table>

(3) Social Justice and Global Perspectives in Sustainability

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>T HLTH 410</td>
<td>Environmental Equity (5) (Offered jointly with T URB 410)</td>
</tr>
<tr>
<td>T HLTH 485</td>
<td>Critical Issues in Global Health (5)</td>
</tr>
<tr>
<td>TECON 320</td>
<td>Gender and Development (5)</td>
</tr>
<tr>
<td>TECON 328</td>
<td>Third World Problems and Prospects (5)</td>
</tr>
<tr>
<td>TECON 360</td>
<td>Poverty in Developing Countries (5)</td>
</tr>
<tr>
<td>TESC 303</td>
<td>Sustainable Development in Africa (12)</td>
</tr>
<tr>
<td>TESC 304</td>
<td>Tropical Ecology and Sustainability (5)</td>
</tr>
<tr>
<td>TESC 404</td>
<td>Neotropical Field Studies: Ecology and Community (12)</td>
</tr>
<tr>
<td>TGH 399/TURB 399</td>
<td>Global Honors-International Urban Studies- (3-15, max. 15)</td>
</tr>
</tbody>
</table>

Select one of the following capstone course options (cannot use the same capstone for major and minor):

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>TESC 301</td>
<td>Sustainability in Action (3)</td>
</tr>
<tr>
<td>T MGMT 465</td>
<td>Board Governance I (2)</td>
</tr>
<tr>
<td>T MGMT 466</td>
<td>Board Governance II (5)</td>
</tr>
<tr>
<td>T NPRFT 457</td>
<td>Nonprofit Capstone (5)</td>
</tr>
<tr>
<td>TSUD 475</td>
<td>Community and Economy (5)</td>
</tr>
</tbody>
</table>

Capstone project during Study Abroad course

Urban Studies Minor

The Urban Studies minor teaches about the theoretical nature of societies and the practical application of becoming actively involved in the process of planning and improvement of our urban environments. Course topics include society and culture, housing, urbanization, environment, planning, race and poverty, and economic development and sustainability.

Requirements

The Urban Studies minor requires 30 credits to include the following:

- Core Courses (10 credits):
  - T URB 301 The Urban Condition
  - T URB 430 Pacific Rim Cities –OR– T URB 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):
  - T URB 492 Urban Studies Seminar