

OCT 24 2008



UNIVERSITY OF WASHINGTON
CREATING AND CHANGING UNDERGRADUATE
ACADEMIC PROGRAMS

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College UW Tacoma	Department or Unit Interdisciplinary Arts and Sciences	Date 7/25/08
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New Programs

- Leading to a Bachelor of _____ in _____ degree.
- Leading to a Bachelor of _____ degree with a major in _____
- Leading to a _____ Option within the existing major in _____
- Leading to a minor in _____

Changes to Existing Programs

- New Admission Requirements for the Major in _____ within the Bachelor of _____
- Revised Admission Requirements for the Major in _____ within the Bachelor of _____
- Revised Program Requirements for the Major in Environmental Sci within the Bachelor of Science in Env. Science
- Revised Requirements for the Option in _____ within the major in _____
- Revised Requirements for the Minor in _____

Other Changes

- Change name of program from _____ to _____
- New or Revised Continuation Policy for _____
- Eliminate program in _____

Proposed Effective Date:

Quarter: Autumn Winter Spring Summer Year: 2008/09 *BR*

Contact Person Cheryl Greengrove	Contact's Phone 253 - 692 - 4455	Contact's Email cgreen@u.washington.edu
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EXPLANATION OF AND RATIONALE FOR PROPOSED CHANGE

For new programs, please include any relevant supporting documentation such as student learning outcomes, projected enrollments, letters of support and departmental handouts. (Use additional pages if necessary).

Add 2.0 grade point requirement to composition to graduate with a B.S. in Environmental Science. This is consistent with the policy of the LAS at UW Seattle and will ensure a higher level of writing for Environmental Science graduates.

6x0

CATALOG COPY

Catalogue Copy as currently written. Include only sections/paragraphs that would be changed if you request is approved. Please cross out or otherwise highlight any deletions.

Graduation Requirements

To be eligible for graduation with a bachelor of science in environmental science, students must meet the UW Tacoma scholastic standards (2.0 UW GPA), credits required (minimum 180), and the final-year residency requirement and complete the following program requirements:

- Complete a minimum of 45 credits of upper-division IAS coursework.
- Completion of all general education requirements not met with transfer courses. See adviser for details.
- Complete the B.S. degree preparatory courses and requirements (above). Minors and certificates are optional. No more than 15 elective credits can be taken for a Satisfactory/Not Satisfactory grade; see adviser for details.
- Compile a portfolio of work completed during the course of the student's residence at UW Tacoma 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.
- 6 credits: two required "bookend" courses
- TESC 310 Environmental Research Seminar – to be taken in the first Autumn of enrollment – sophomore or junior year (3)
- TESC 410 Environmental Science Senior Seminar- to be taken in the last Spring of enrollment after or concurrent with Capstone experience (3)
- 3-10 credits: Capstone experience (internship, research, etc.) Planned with faculty adviser; may span more than one quarter.

PROPOSED CATALOG COPY


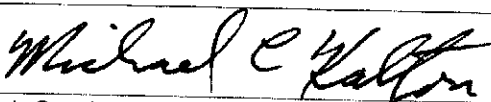

Reflecting requested changes (Include exact wording as you wish it to be shown in the printed catalog. Please underline or otherwise highlight any additions. If needed, attach a separate, expanded version of the changes that might appear in department publications)

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- Complete 5 credits of English composition with a minimum of a 2.0 grade point
- Compile a portfolio of work completed during the course of the student's residence at UW Tacoma 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.
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SIGNATURES (required)

Chair/Program Director		Date	7/25/08
Dean		Date	
College Committee		Date	8/25/08
Faculty Council on Academic Standards VCAA		Date	10/20/08



Current Catalog Copy

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 - n 3-10 credits: Capstone experience (internship, research, etc.) Planned with faculty adviser; may span more than one quarter.
 - n 12 credits: Environmental science core courses:
 - TESC 333 Environmental Chemistry (6)
 - TESC 340 Ecology and Its Applications (6)
 - n 29 credits minimum- five additional TESC courses to include at least one biological science (B) course and one physical science (P) course. Of these remaining five courses, at least two must be laboratory (L) courses (6 credits) and one must be a field (F) course (7 credits). Some courses designated as labs on this list are not offered as labs every time; check the Time Schedule for credits.
- Note: If a course below is taken to fulfill prerequisite courses, it is an elective. TESC 100, 107, and TESC 213 are electives for the B.S. degree.

- TESC 227 Earth History (P)
- TESC 232 Issues in Biological Conservation (B)
- TESC 236 Plants and People: The Science of Agriculture (B)
- TESC 237 Environmental Geology (P/L)
- TESC 238 Human Interactions with Marine Invertebrates (B)
- TESC 239 Energy and the Environment (P)
- TESC 243 Geography of the Physical Environment (P)
- TESC 241 Oceanography (P/L)
- TESC 247 Maritime History and Science in the Pacific Northwest (P)
- TESC 304 Tropical Ecology and Sustainability (B)
- TESC 311 Maps & GIS (P/L)
- TESC 315 Applied Physics with Environmental Applications (P/L)
- TESC 318 Biogeography (P/B)
- TESC 319 Water Quality Concepts and Watershed Studies (P/L)
- TESC 321 Soils and Environmental Applications (P)
- TESC 329 Geomorphology and Soils (P)
- TESC 343 The Atmosphere and Air Pollution (P/L)
- TESC 345 Pollution and Public Policy (P)
- TESC 349 Research at SEA (P/B/F)
- TESC 362 Introduction to Restoration Ecology (B/F)
- TESC 378 Environmental Microbiology (B/L)
- 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 (P/L)
- TESC 434 Biology, History and Politics of Salmon in the Pacific Northwest (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 Course I (B)
- TESC 463 Restoration Ecology Capstone Course II (B)
- TESC 464 Restoration Ecology Capstone Course III (B)

- n 5 credits: Environmental Law/Policy course (TSMUS 421 does not count)
- TCSIUS 438 Environmental Law
- TEST 333 Environmental Policy Application and Compliance

- n 5 credits: Environmental Ethics course
- TIBCG 363 Philosophical Perspectives on the Environment
- TIBCG 456 Environmental Ethics

- n 5 credits: Social Science/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 438 Urbanization and the Environment
- TCSIUS 431 Community Organizations in the Nonprofit Sector
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- 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 107 Geohazards and Natural Disasters
- TESC 318 Biogeography
- TEST 221 Environmental History: Water
- TEST 332 A Natural History of Garbage
- TEST 403 Geography of the USA and Canada
- T GH 303 Global Challenges
- T HLTH 410 Environmental Justice
- T HLTH 472 Human Health and the Environment
- TIBCG 437 Technology in the Modern World
- TIBCG 440 Medieval Technology
- TIBCUS 464 Native American Cultural Areas
- TSMG 440 Political Geography
- TSMIN 326 Modern Brazil
- TSMIN 330 Globalization of Latin America
- TSMIN 418 Interpreting Enigmatic India
- TSMIN 435 Contemporary Geopolitics
- TSMUS 225 Economics as a Way of Thinking
- TSMUS 421 Environmental Policy
- 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
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- TURB 405 Images of the City
- TURB 410 Environmental Justice
- TURB 415 Urban Government and Organizations
- TURB 450 Sustainable Development

- n 5 credits: Humanities course/environmental focus:
- TCSIG 451 The Enlightenment
- TCSIIN 235 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
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TIBCG 362 The Beautiful and the Good: Philosophy's Quest for Value
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TIBCG 455 Medicine and Morality: Biomedical Ethics
TIBCG 458 Ways of Knowing
TIBCIN 367 East Asian Religions: Zen and Taoism
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TSMG 367 Utopias

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