The MS Interdisciplinary Studies: Wildland Management

The Interdisciplinary Master's Degree in Wildland Management provides students with the opportunity to design unique courses of study leading to the MS degree in Wildland Management. With the exponentially growing need for forest/land management, students can taper their degree to fit their career pursuits in this field. This dictates that core courses be drawn from a multitude of academic areas rather than from a single discipline.

Course Requirements for the Master's Degree: 30 units

Continuous enrollment is required. At the discretion of the program advisor, a maximum of 30 percent of the units counted toward the degree requirements may be special session credit earned in non-matriculated status combined with all transfer coursework. This applies to special session credit earned through Open University, or in courses offered for academic credit through Regional and Continuing Education.

Graduate Time Limit:

All requirements for the degree are to be completed within seven years of the end of the semester of enrollment in the oldest course applied toward the degree.

Prerequisites for Admission to Conditionally Classified Status:

In addition to any requirements listed above:

1. The completion of all prerequisites for courses included in the approved program.

2. Completion of justification statement and approved Interdisciplinary Studies Master's Degree sign off sheet.

Requirements for the Interdisciplinary Master's Degree in Wildland Management:

Completion of all requirements as established by the graduate advisory committee and the Office of Graduate Studies, to include:

1. Completion of an approved program consisting of 30 units of 400/500/600-level courses as follows:
    a. A comprehensive core of units in the chosen disciplines.
    b. At least 18 of the units required for the degree in stand-alone 600-level courses (those not cross-listed with 400/500-level courses).
    c. At the discretion of the program advisor, a maximum of 30 percent of the units counted toward the degree requirements may be special session credit earned in non-matriculated status combined with all transfer work. This applies to special session credit earned through Open University, or in courses offered for academic credit through Regional and Continuing Education (Correspondence courses and UC Extension coursework are not acceptable for transfer).

d. Not more than 15 units taken before admission to classified status.
e. Not more than a total of 10 units of Independent Study (697), Comprehensive Examination (696), and Master's Study (699) combined; not more than 3 units of Comprehensive Examination (696) or 6 units of Master's Study (699).

2. Completion and final approval of a project or other culminating activity as specified by the graduate advisory committee.

3. Approval by the graduate advisory committee and the Graduate Council on behalf of the faculty of the University.

Graduate Requirement in Writing Proficiency:

Writing proficiency is a graduation requirement.

Wildland Management students will demonstrate their writing proficiency by designating a suitable course in their approved program. Consult the graduate coordinator for further information.

Graduate Grading Requirements:

All courses in the major (with the exceptions of Independent Study - 697, Comprehensive Examination - 696, Master's Project - 699P, and Master's Thesis - 699T) must be taken for a letter grade, except those courses specified by the department as ABC/No Credit (400/500-level courses), AB/No Credit (600-level courses), or Credit/No Credit grading only.

A maximum of 10 units combined of ABC/No Credit, AB/No Credit, and Credit/No Credit grades may be used on the approved program (including 697, 696, 699P, 699T and courses outside the major). While grading standards are determined by individual programs and instructors, it is also the policy of the University that unsatisfactory grades may be given when work fails to reflect achievement of the high standards, including high writing standards, expected of students pursuing graduate study.

Students must maintain a minimum 3.0 grade point average in each of the following three categories: all course work taken at any accredited institution subsequent to admission to the master's program; all course work taken at CSU, Chico subsequent to admission to the program; and all courses on the approved master's degree program.

Graduate Advising Requirement:

Once the program plan is developed and approved, advising is recommended but not mandatory each semester for Interdisciplinary Studies students. For further information, consult the graduate coordinator.

The MS Interdisciplinary Studies: Wildland Management Course Catalog

This course catalog is a listing of the applicable courses that fulfill the degree requirements.

Courses on introduction to grad school and program

GEOS 600	Geosciences Seminar I	1.0	F
GEOS 601	Geosciences Seminar II	1.0	S

Courses on policies, law, and regulations

GEOS 652	Science and Environmental Regulations	3.0	F
POLS 653	Environmental Policy and the Law	3.0	INQ

Courses on environmental analyzing, surveying, and planning

ANTH 424	California Archaeology & Prehistory	3.0	INQ
ANTH 487	Heritage Resource Planning	3.0	INQ
BIOL 482	Bioinformatics for Biologists	4.0	S
BIOL 668	Community and Ecosystem Ecology	3.0	S2
GEOG 407W	Earth Systems Analysis of Global Change (W)	3.0	S
GEOG 411	Geospatial Analysis and Modeling in GIS	3.0	S
GEOG 413	Advanced Cartography and Geovisualization	3.0	S
GEOG 418	Remote Sensing of Environment	3.0	F
GEOG 426	Water Resource Policy and Planning	3.0	S
GEOG 427	Environmental Impact Analysis	3.0	S
GEOG 429	Environmental and Conservation Planning	3.0	S1
GEOG 439	American Cultural Landscapes	3.0	F
GEOS 404	Modeling Global Climate Change	3.0	S2
GEOS 410	Introduction to Watershed Hydrology	3.0	S
GEOS 420	Earth Systems Modeling	3.0	S
GEOS 440	Environmental Sensing	3.0	F
GEOS 471	Field Geology	2.0	S
GEOS 530	Environmental Systems Modeling I	3.0	S
GEOS 535	Pollution Ecology	3.0	F2
GEOS 536	Applied Ecology	3.0	S
GEOS 650	Environmental Monitoring	2.0	F
GEOS 654	Environmental Risk Assessment	3.0	S
GEOS 670	Environmental and Engineering Geology	3.0	F1

Courses on research methods

BIOL 600	Research in Biological Sciences	3.0	F
CMST 602	Seminar in Communications Research Methods	3.0	FS

CMST 603	Interpretive Approaches to Human Communication Research	3.0	FS
GEOS 660	Numerical Analysis	3.0	F

Courses on leading, managing, and planning

AGRI 432	Holistic Management	3.0	S
CMST 472W	Organizational Leadership and Decision Making (W)	3.0	FS
MGMT 635	Seminar in Management	3.0	S
MGMT 644	Seminar in Project Management	3.0	F
MGMT 645	Teamwork, Negotiation, and Conflict Resolution	3.0	S
POLS 659	Collaborative Community Management	3.0	INQ
POLS 660A	Public Management	3.0	F
POLS 667	Administration and Planning	3.0	INQ
POLS 669	Public and Non-Profit Program Evaluation	3.0	INQ
RHPM 441	Citizen Involvement in Recreation Resource Management	3.0	S
RHPM 444	Environmental Interpretation and Communication	4.0	S
RHPM 448	Methods and Materials for Environmental Education	3.0	S
RHPM 642	Seminar in Leisure Services Management	3.0	S
RHPM 645	Seminar in Leadership	3.0	S

Courses on budgeting and funding

PHHA 579W	Grant Writing and Other Fundraising Strategies (W)	3.0	FS
RHPM 420	Recreation Budgeting & Finance Management	3.0	FS

Courses on natural resource management

BIOL 660	Landscape Ecology	3.0	F
CIVL 431	Environmental Engineering	4.0	S
CIVL 562	Groundwater Hydrology	3.0	INQ
GEOG 405S	Conservation, Restoration, and Stewardship	3.0	F
GEOG 445	Pyrogeography	3.0	S
GEOS 415	Hydrogeology	3.0	S
GEOS 537	Ecohydrology	3.0	S2
GEOS 616	Natural Water Systems	3.0	F2
GEOS 630	Geotectonic Development of California	3.0	S
GEOS 640	Hydrogeochemistry	3.0	S
GEOS 643	Applied Paleontology	3.0	F2
GEOS 645	Applied Geophysics	3.0	S2
GEOS 649	Economic Geology	3.0	F2
PSSC 441	Principles of Integrated Pest Management	3.0	S
PSSC 451	Soil Genesis and Classification	3.0	S
RHPM 446	Natural Resources Management	3.0	F

Courses on specified focus

ANTH 478	Zooarchaeology: Vertebrate Identification and Analysis	3.0	S
BIOL 422	General Entomology	4.0	S
BIOL 433	Herpetology	4.0	S2
BIOL 446	Plant Pathology	4.0	F
BIOL 448	Plant Diversity and Identification	4.0	S
BIOL 451	Plant Geography	3.0	F2
BIOL 484	Field Ecology	3.0	S
BIOL 613	Population Ecology	4.0	S1
BIOL 614	Topics in Ecology and Systematics	1.0-3.0	F2
BIOL 672	Plant Ecology	4.0	S1
GEOS 537	Ecohydrology	3.0	S2

Courses on independent study, project, and thesis

VAR 598	Various Disciplines – Special Topics	1.0-4.0	FS
VAR 599	Various Disciplines – Special Problems	1.0-4.0	FS
VAR 689	Various Disciplines – Graduate Internship	1.0-4.0	FS
VAR 697	Various Disciplines – Independent Study	1.0-6.0	FS
IDST 699P	Professional Paper or Project	1.0–6.0	FS