### Preparatory Subject Matter 46-52

<table>
<thead>
<tr>
<th>Subject Area</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>Biological Sciences 2A, 10, or 10V</td>
<td>4-5</td>
</tr>
<tr>
<td>Chemistry 2A</td>
<td>5</td>
</tr>
<tr>
<td>Plant Science 1, 12, or 13</td>
<td>3</td>
</tr>
<tr>
<td>Economics 1A, 1B</td>
<td>8</td>
</tr>
<tr>
<td>Animal Science 1, Atmospheric Science 60, Biological Sciences 2B, Environmental Science &amp; Management 100, Geology 1 or 134, Plant Sciences 12, or Wildlife, Fish, &amp; Conservation Biology 11</td>
<td>3-5</td>
</tr>
<tr>
<td>Environmental Science &amp; Policy 1</td>
<td>4</td>
</tr>
<tr>
<td>Mathematics 1A-1B, 1A-17A, or 21A-21B</td>
<td>6-8</td>
</tr>
<tr>
<td>Physics 1A, 1B, or 1BB</td>
<td>6</td>
</tr>
<tr>
<td>Political Science 1</td>
<td>3-4</td>
</tr>
<tr>
<td>Statistics 13 or 32</td>
<td>3-4</td>
</tr>
</tbody>
</table>

Satisfaction of General Education requirement.

### Depth Subject Matter 47-51

Students must take units on this letter grade basis, and must attain an overall grade point average of 2.0 or higher in the Depth Subject Matter courses.

<table>
<thead>
<tr>
<th>Department</th>
<th>Courses</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>Environmental Science &amp; Policy</td>
<td>110, 160, 168A, 168B</td>
<td>17</td>
</tr>
<tr>
<td>Environmental Science &amp; Policy</td>
<td>161</td>
<td>4</td>
</tr>
<tr>
<td>Environmental Science &amp; Policy</td>
<td>178</td>
<td>4</td>
</tr>
<tr>
<td>Environmental Science &amp; Policy</td>
<td>179</td>
<td>4</td>
</tr>
<tr>
<td>Select one course from: Agricultural &amp; Resource Economics 106, Sociology 106, Statistics 100, 103, 105, or 108</td>
<td>4-5</td>
<td></td>
</tr>
<tr>
<td>Agricultural &amp; Resource Economics 100A</td>
<td>3-4</td>
<td></td>
</tr>
<tr>
<td>Environmental Science &amp; Policy 176, 178, 185, or 186</td>
<td>4-5</td>
<td></td>
</tr>
</tbody>
</table>

### Areas of Specialization (Choose one) 12-17

Students must select courses in the Areas of Specialization that have not been taken in the Depth Subject Matter.

<table>
<thead>
<tr>
<th>Area</th>
<th>Courses</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>Geospatial Information Science</td>
<td>170</td>
<td>4</td>
</tr>
<tr>
<td>Applied Biological Systems Technology 150 or Environmental Science &amp; Policy 179</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>Select one course from: Applied Biological Systems Technology 181N, 182, or Environmental Science &amp; Management 185 or 186</td>
<td>4-5</td>
<td></td>
</tr>
</tbody>
</table>

### City & Regional Planning

Environmental Science & Policy 171 and 172 | 8
Select one course from: Civil & Environmental Engineering 162, 165 or Environmental Science & Policy 100 | 3-4
Select one course from: Art History 168, Community & Regional Development 149, 152, 156, or 171, Environmental Toxicology 110, Environmental Science & Policy 173 or Political Science 100 | 2-5

### Climate Change Policy

Environmental Science & Policy 165N | 3
Select one course from: Agriculture & Resource Economics 176, Economics 125, Environmental Science & Policy 163, 167, or 171 | 4
Select two courses from: Atmospheric Science 116, 133, or 160, Environmental Science & Management 151, Environmental Science & Policy 116N, 117, or 152 | 6-8

### Conservation Management

Select two courses from: Environmental Science & Policy 165N, 169, 171, or 172 | 6-8
Select one course from: Environmental Science & Policy 100, 121, or 127, Evolution & Ecology 115, 138, or Wildlife, Fish, & Conservation Biology 154 or 155 | 3-5

### Energy & Transportation Planning

Economics 125, Engineering 106, or Environmental Science & Policy 175 | 3-4
Select two courses from: Civil & Environmental Engineering 162, 165, Environmental Science & Policy 163, 167, or 172 | 7-8
Select one course from: Atmospheric Science 116, Civil & Environmental Engineering 123, 143, Environmental Science & Policy 131, or Geology 130 | 3-4

### Environmental Policy & Politics

Select one course from: Political Science 100, 104, 105, 107, or 109 | 4
Select one course from: Political Science 162, 164, 165, or 170 | 4
Select one course from: Civil & Environmental Engineering 165, Environmental Science & Policy 165N, 166N, 167, 169, 170, 171, 172 | 3-4
Select one course from: Agricultural & Resource Economics 106, 107, Civil & Environmental Engineering 153, Economics 130, or Environmental Science & Policy 175 | 4

### Integrative Policy

Students choosing this individualized track must consult with a faculty adviser to identify an area of emphasis within this track and to select four upper division courses with a common theme. Possible areas of emphasis are marine policy, pollutants in the environment, planning in the presence of environmental hazards, sustainable development, and environmental and natural resource economics. If you are considering this track, please contact the major adviser as soon as possible.

### Water Management

Select two courses from: Environmental Science & Policy 166N, 169, or Hydrologic Science 150 | 6
Select two courses from: Environmental Science & Management 100, 121 | 4
Environmental Science & Policy 151, 155, Geology 134, Hydrologic Science 141, 143, Soil Science 118, Wildlife, Fish, & Conservation Biology 120, Biological Sciences 124, Environmental Science & Policy 116N, 124, 150C, or 152 | 6-8

### Total Units for the Degree 108-128

### Major Adviser

J. Sanchirico (Environmental Science and Policy)

### Minor Program Requirements

The faculty for environmental policy analysis and planning offers the following minor. The Environmental Policy Analysis minor is an interdisciplinary program designed for students who are interested in solving environmental problems or planning careers in policy analysis.

#### Preparatory Subject Matter 46-52

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Satisfaction of General Education requirement.

### Environmental Science and Policy

#### The Major Program

The Environmental Science and Management (ESM) major is designed for students who are interested in solving environmental problems from an interdisciplinary perspective linking the natural and social sciences. Students who choose this major will study the inter-physical, biological, and social components of environmental problems. Students completing the program will understand the scientific basis for environmental decision making and the legal, economic, and political issues involved in management of the environment.

#### The Program

Courses in biology, chemistry, physics, economics, geography, and calculus form the lower-division preparatory foundation of the curriculum. These are then tied together with Environmental Science and Policy 1 “Environmental Analysis” which provides an inter-disciplinary analysis of social and environmental problems. The upper-division core consists of foundation courses in physical, biological, and social sciences, as well as applied courses in environmental monitoring, GIS, impact reporting, and statistical analysis. In their junior year, students must choose a specialized track from the following six options:

- (a) Ecology, Biodiversity, and Conservation
- (b) Natural Resource Management
- (c) Climate Change and Air Quality
- (d) Geospatial Information Science
- (e) Watershed Science
- (f) Soils and Biogeochemistry

A capstone course is required for all seniors and serves to integrate the science, policy/management and biology aspects of the ESM major. All students gain practical experience through field courses and a required internship. Selected students may also pursue an honors thesis in their senior year.

The ESM major is jointly administered by the Departments of Environmental Science and Policy (ESP) and Land, Air and Water Resources (LAWR). Any student in good standing is eligible to transfer to the major; to do so, please see the student affairs office in 2134 Wickson Hall or in 1150 Plant and Environmental Sciences Building.

### Careers

Graduates from this program are prepared to pursue careers as practicing environmental scientists, resource analysts, and planners working for public agencies and private firms specializing in environmental quality, natural resources or ecological research. The major is also an excellent preparation for graduate or professional training in physical and/or biological environmental science graduate programs, as well as in environmental law, administration, and environmental policy.

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Quarter Offered: I=Fall, II=Winter, III=Spring, IV=Summer; 2013-2016 offering in parentheses.

Pre-Fall 2011 General Education (GE): ArtHum=Arts and Humanities; SciEng=Science and Engineering; SocSci=Social Sciences; DivDom=Diverse Diversity; Writ=Writing Experience

Fall 2011 and on Revised General Education (GE): AH=Arts and Humanities; SE=Science and Engineering; SS=Social Sciences; ACH=American Cultures; DD=Domestic Diversity; OL=Oral Skills; QL=Quantitative; SL=Scientific; VL=Visual; WC=World Cultures; Writ=Writing Experience

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Minor Adviser: J. Sanchirico (Environmental Science and Policy)
B.S. Major Requirements: 

**UNITS**

**English Composition and Public Speaking requirement** .................................................. 3-8

University Writing Program 101, 102A-G, 102A-E, or passing the Upper Division English Composition exam ........................................ 0-4

Communication 1, 3, or Dramatic Art 16 .............................. 3-4

**Preparatory Subject Matter** .................................................. 44-52

Biological Sciences 2A, 2B, 2C ................................. 15

Geology 1 or 50 (Geology 50 recommended) .................. 3-4

Chemistry 2A, 2B or 2AH, 2BH ......................... 6-12

Physics 1A, 1B, or 7A, 7B, 7C ........................................ 6-12

Economics 1A ........................................... 4

Mathematics 16A, 16B, 17A, 17B, or 21A, 21B (Mathematics 17A, 17B recommended) .................. 6-8

Environmental Science and Policy 1 ........................................ 4

Satisfaction of the General Education requirement.

**Depth Subject Matter** .................................................. 28-32

Environmental Science and Management 120 .......................... 4

Environmental Science and Policy 100 or Evolution and Ecology 101 .................. 4

Environmental Science and Policy 162 .................................. 4

Statistics 13 or 100; (Statistics 100 recommended) .................. 4

Select one course from: Environmental Science and Management 108 or Environmental Science and Policy 179 .... 3-4

Applied Biological Systems Technology 150 ..................... 3

Internship—Environmental Science and Management or Environmental Science and Policy 192 ................................. 3

Critical Thinking—Environmental Science and Management 195 ........................................ 2

Honors Thesis (optional)—Environmental Science and Management 194H ............................. 0-3

**Ecology, Biodiversity and Conservation Track** .................................................. 36-46

Select one course from: Atmospheric Science 60, 116, 133, Environmental Science and Policy 121, 131, Environmental Science and Policy 152, Geology 134, or Soil Science 100 ................................. 3.5

Select one course from: Environmental Science and Policy 170, 171, 172 or 179 ........................................ 4

Evolution and Ecology 100 ........................................ 4

Select one course from: Environmental Science and Policy 127 or Wildlife, Fish, and Conservation Biology 154 ................................. 4

Select one course from: Environmental Science and Policy 123, 124, Plant Sciences 147 and 147L, or Wildlife, Fish, and Conservation Biology 100 ......................... 3-4

Select one course from: Environmental Science and Policy 121 or Wildlife, Fish, and Conservation Biology 122 ................................. 4

Evolution and Ecology 104, 115, Environmental Science and Policy 151, 155, Plant Biology 117 or Wildlife, Fish, and Conservation Biology 155 ................................. 3-4

Select one course from: Evolution and Ecology 147 or Environmental Horticulture 160 ................................. 3-4

Select one biome level course on wetlands, forests, or water (See adviser for list) .... 3-5

Select one organismal biology course on birds, mammals, or plants (See adviser for list) ........................................ 3-5

Complete one lab associated with either the biome level or organismal biology course .................. 2-3

**Natural Resource Management Track** .................................................. 32-42

Select three courses from: Environmental Science and Policy 165N, 166N, 167, 168A, 169, 171, 172 or 179 ........................................ 9-13

Select one course from: Environmental Science and Policy 161 or Hydrologic Science 150 ................................. 3-4

Statistics 103 (or equivalent upper-division statistics) ................................. 4

Select two courses from: Entomology 104, Environmental Science and Policy 144, 148, Environmental Science and Policy 151, 155, Evolution and Ecology 115, Plant Biology 117, Plant Sciences 130 or Wildlife, Fish, and Conservation Biology 10, 110, 120, or 134 ................................. 4

Select two courses from: Atmospheric Science 116, Environmental Science and Management 121, 131 or Soil Science 100 ........................................ 6-9

Environmental Science and Management 185 or 186 ........................................ 4

**Climate Change and Air Quality Track** .................................................. 32-41

Atmospheric Science 60 ........................................ 4

Select three courses from: Atmospheric Science 115, 116, 133, 160, Environmental Science and Management 131 or Geology 108 ........................................ 9-12

Select two courses from: Environmental Science and Policy 100, 121, Environmental Science and Policy 116N, Hydrologic Science 143 or Soil Science 100 ........................................ 6-9

Select one course from: Environmental Science and Management 145, Environmental Science and Policy 124, 150C, 151, 155, Evolution and Ecology 115 or Plant Sciences 130 ................................. 3-4

Select one course from: Evolution and Ecology 147 or 149 ................................. 4

Select two courses from: Environmental Science and Policy 163, 165N, 166N, 167, 171, 172 or 179 ........................................ 6-8

**Geospatial Information Science Track** .................................................. 31-39

Select two courses from: Applied Biological Systems Technology 181N, 182, Environmental Science and Management 185, or 186 ........................................ 8-9

Select two courses from: Environmental Science and Policy 163, 165N, 166N, 167, 171, 172 or 179 ........................................ 6-8

Select two courses from: Environmental Science and Policy 121, Statistics 104, 106, 108, 130A, 130B or 137 ................................. 8

Other applicable interdisciplinary courses from the Engineering department including database management, digital library science and network and Web technologies are also substituted for spatial information with approval.

Select three courses from the following options. Must cover both physical and biological courses from Atmospheric Science 110, 116, 133, Soil Science 100, Environmental Science and Policy 124, 150C, 151, 152, 155, Geology 136, Plant Sciences 100 or 108, 130, 9-14

**Soils and Biogeochemistry Track** .................................................. 37-46

Soil Science 100 ........................................ 5

Select four courses from: Environmental Science and Management 100, Hydrologic Science 147, Soil Science 102, 105, 109, 111, or 120 ........................................ 16-21

Select two courses from: Environmental Science and Management 121, Environmental Science and Policy 165N, 166N, 167, 171, 172 or 179 ........................................ 6-8

Select one course from: Environmental Science and Management 185, Geology 134, Hydrologic Science 147, or Soil Science 118 ................................. 3-4

Select two courses from: Atmospheric Science 160, Environmental Science and Management 144, Environmental Science and Policy 116N, 150A, 150C, 151, 155, Geology 132, Plant Biology 117 or Plant Sciences 130 ........................................ 6-8

**Watershed Science Track** .................................................. 38-46

Environmental Science and Management 121 or Hydrologic Science 142 ................................. 4

Soil Science 100 ........................................ 5

Select two courses from: Environmental Science and Management 150, or Hydrologic Science 141 (but not Hydrologic Science 142, 143, Environmental Science and Management 108 or Hydrologic Science 151 but not both) ........................................ 6-8

Select one course from: Geology 35, 130, 139, or 140 ................................. 3-5

Select one course from: Applied Biological Systems Technology 181N or 182 ........................................ 4

Select one course from: Soil Science 105, 118, or 120 ................................. 4-5

Select two courses from: Environmental Science and Policy 166N, 168A, 169, 172, 179, Hydrologic Science 150, or Landscape Architecture 60 ........................................ 6-9

Atmospheric Science 133 ........................................ 4

Select one course from: Entomology 116, Evolution and Ecology 115, or Wildlife, Fish, and Conservation Biology 120 ........................................ 3-4

**Total Units for the Major** .................................................. 110-143

**Major Advisers:** Marcel Holyoak (Environmental Science and Policy) and Terrance Nathan (Land, Air and Water Resources)

**Advising centers** for the major, including peer advising, are located in both the Environmental Science and Policy and Land, Air and Water Resources departments.

Students whose last names begin with the letters A-L, please see Melissa Whaley in 2134 Wickson Hall.

Students whose last names begin with the letters M-Z, please see Elizabeth Shull in 1150 Plant and Environmental Sciences.

**Courses in Environmental Science and Management (ESM)**

**Lower Division**

**8. Water Quality at Risk (3)**

Lecture—2 hours; discussion—1 hour. Natural and human threats to water quality, science and policy in all aspects of attaining, maintaining, and managing water quality, water contamination. Decoding popular media coverage of water quality and water contamination. (Formerly course as Science and Society 8.) Not open to students who have successfully completed Environmental and Resource Sciences 8. (Formerly Environmental and Resource Sciences 8) GE credit: SciEng or SocSci, Wrt | SE, SS, WE. —II. (II.) Hernes

**30. World Ecosystems & Geography (3)**

Lecture—3 hours. Introduction to the earth's major geographic regions and associated ecosystems, such as deserts, temperate forests, and oceans with an examination of how climate, vegetation regimes, ecological processes, agriculture and other human activities interact in different regions of the world. (Same course as Environmental Science and Policy 30.) Not open to students who have successfully completed Environmental and Resource Sciences 30. (Formerly Environmental and Resource Sciences 30.) Offered alternate years. GE credit: SciEng | SE, SL, WE. —II. (II.) Jackson

**47. Watershed Processes and Water Quality in the Tahoe Basin (2)**

Lecture/lab—21 hours; fieldwork—9 hours; discussion—3 hours; term paper. prerequisites: basic knowledge of environmental, soil, or hydrologic sciences. Watershed processes, runoff, water-quality management, restoration in Lake Tahoe Basin. Sails, precipitation-runoff, vegetation and adaptive management related to erosion control, effective solu-
Environmental Science and Policy

upper division students. May be repeated for credit. (P/NP grading only.) May be repeated for credit.—I, II, III. (I, II, III.)

99. Special Study for Undergraduates (1-5)
Prerequisite: consent of instructor. Primarily for lower division students. (P/NP grading only.)—I, II, III. (I, II, III.)

Upper Division

100. Principles of Hydrologic Science (4)
Lecture—3 hours; laboratory—3 hours; fieldwork. Prerequisite: Chemistry 2B, Mathematics 1A, Physical Geology 7A or 9A, Topics include hydrology (surface and ground water), hydraulic flow through porous media, water in the soil-plant-atmosphere continuum, water quality, flow through open channels, sediment transport, and surface water-resource problems. Not open to students who have successfully completed Environmental and Resource Sciences 100. (Formerly Environmental and Resource Sciences 100) GE credit: ScEn| QL, SE, SL—II. (II.)

108. Environmental Monitoring (3)
Lecture/discussion—2 hours; laboratory—1 hour. Prerequisite: upper division standing. Basics of remote sensing applications of electromagnetic radiation. Applications include hydrologic processes, processes affecting climate, and human impacts on the environment. Not open to students who have successfully completed Environmental and Resource Sciences 108. (Formerly Environmental and Resource Sciences 108.) GE credit: ScEn| QL, SL—III. (III.)

120. Global Environmental Interactions (4)
Lecture—3 hours; discussion—1 hour. Prerequisite: one college level chemistry course, one college level biology course. Limited to 25 students per discussion section. Relationships among climate, hydrology, biogeochemical cycles, soils, and vegetation distribution in terrestrial, aquatic, and human systems. Emphasis on physical, chemical, and biological processes affecting ecosystems from the poles to the equator, and human impacts on the environment. Not open to students who have successfully completed Environmental and Resource Sciences 60 or 120. (Formerly Environmental Resources Sciences 60 and 120.)—II. (II.)

121. Water Science and Management (3)
Lecture—2 hours; discussion—1 hour. Prerequisite: Physics 10 or Geology 1. Role of water as an essential natural resource in contemporary society. Aspects of the water cycle, including: the description of natural phenomena and underlying physical causes. Water for cities, agriculture, industry, wildlife and recreation; case studies of water management. Not open to students who have successfully completed Environmental and Resource Sciences 121. (Formerly Environmental and Resource Sciences 121.) GE credit: ScEn| QL, SE, SL—I. (I.)

131. Air as a Resource (3)
Lecture—2 hours; discussion—1 hour. Prerequisite: Chemistry 10. Degradation of the atmospheric resource, historical aspects and effects of air pollution examined. Emphasis on primary and particulate pollutants and discussion of their impact. Not open to students who have successfully completed Environmental and Resource Sciences 131. (Formerly Environmental and Resource Sciences 131.) GE credit: QL, SE, SL—II. (II.)

141. Role of Fire in Natural Ecosystems (4)
Lecture—3 hours; term paper. Prerequisite: basic biological concepts: Biological Sciences 2A or Plant Sciences 2; ecology/evolution: Biological Sciences 2B or 2C. Fire regimes and roles in major North American vegetation types, especially in the west. Physics of fire, fire effects on organisms and ecosystems functioning, management, history, and fire use by indigenous people. Not open to students who have successfully completed Environmental and Resource Sciences 141. (Formerly Environmental and Resource Sciences 141.) GE credit: ScEn| QL, SE, SL—II. (II.)

144. Trees and Forests (3)
Lecture—3 hours; discussion—1 hour. Prerequisite: Plant Sciences 2 and Botany 144. Biogeography distribution of trees as organisms understanding of forests as communities and as ecosystems; use of forests by humans; tree phenology, photosynthesis, respiration, soil processes, life histories, dormancy, forest biodiversity, and agroforestry. [Same course as Plant Sciences 144.] Not open to students who have completed Plant Biology 144 or Environmental Sciences 144. GE credit: ScEn| QL, SE, SL—II. (II.)

185. Aerial Photo Interpretation and Remote Sensing (4)
Lecture—2 hours; laboratory—4 hours. Prerequisite: upper division standing. Basics of remote sensing and photogrammetry. Use of aerial images and processing techniques. Not open to students who have successfully completed Environmental and Resource Sciences 185. (Formerly Environmental Resource Sciences 185.) GE credit: ScEn| QL, SE, SL—II. (II.)

186. Environmental Remote Sensing (5)
Lecture—3 hours; laboratory—6 hours. Prerequisite: Mathematics 16B and Physics 7C or 9B; upper division standing, landscape architecture 150 recommended. Overview of satellite, airborne, and ground-based remote sensing, building on properties of electromagnetic radiation. Applications include hydrologic processes, weather and climate, ecology and land use, soils, geology, forestry, and agriculture. Computer-based analysis and visualization of images and processing techniques. Not open to students who have successfully completed Hydrologic Science 186 or Environmental and Resource Sciences 186. (Formerly Hydrologic Science 186 and formerly Environmental and Resource Sciences 186.) GE credit: ScEn| QL, SE, SL—II. (II.)

192. Internship (1-2)
Internship—3-36 hours. Prerequisite: completion of 84 units; consent of instructor. Work experience off and on campus in resource sciences. Internship supervised by a member of the faculty. (P/NP grading only).—I, II. (I, II.)

194H. Senior Honor Thesis (2-6)
Independent study—2-6 hours. Prerequisite: senior standing, overall GPA of 3.50 or higher and consent of master adviser. Independent study, guided research on an environmentally related subject of special interest to the student. GE credit: ScEn| QL, SE, SL—II. (II.)

195. Integrating Environmental Science and Management (2)
Lecture/discussion—2 hours. Prerequisite: senior status in Environmental Science and Management major or other environmental science major e.g. Environmental Resource Science; Environmental Biology and Management; Environmental Toxicology; Environmental Policy Analysis and Planning, Wildlife, Fisheries, and Conservation Biology, Hydrologic Science, consent of instructor. Practical aspects of environmental improvement through integrated analyses of contemporary issues or problems associated with advocacy, regulation, science and resource management from the perspectives of the physical and ecological sciences and current policy/mangement. May be repeated two times for credit. GE credit: ScEn| QL or ScSci| SL or SE—II. (II.)

98. Directed Group Study (1-5)
Prerequisite: consent of instructor. Primarily for lower division students. (P/NP grading only.)—I, II, III. (I, II, III.)

99. Special Study for Advanced Undergraduates (1-5)
Prerequisite: consent of instructor. (P/NP grading only.)—I, II, III. (I, II, III.)

300 Environmental Science and Policy

(College of Agricultural and Environmental Sciences)

Susan Handy, Ph.D., Chairperson of the Department
Marcel Holroyd, Ph.D., Vice Chairperson
Mark N. Lubell, Ph.D., Vice Chairperson

Department Office. 2132 Wickson Hall
530-752-3026

Faculty

Gwendolyn B. Arnold, Ph.D., Assistant Professor
Marissa L. Baskett, Ph.D., Associate Professor
Edwin D. Grosholz, Ph.D., Professor, Specialist in Cooperative Extension
Susan L. Handy, Ph.D., Professor
Susan P. Harrison, Ph.D., Professor
Alan M. Hastings, Ph.D., Distinguished Professor
Robert Hijmans, Ph.D., Associate Professor
Marcel Holroyd, Ph.D., Professor
John L. Marger, Ph.D., Professor
Charles R. Goldman, Ph.D., Professor
Michael Springborn, Ph.D., Assistant Professor
Mark N. Lubell, Ph.D., Professor
Steven G. Morgan, Ph.D., Professor
Joan M. Ogden, Ph.D., Professor
James F. Quinn, Ph.D., Professor
Eliska Rajmekova, Ph.D., Professor
James N. Sanchirico, Ph.D., Professor
Mark W. Schwartz, Ph.D., Professor
Academic Senate Distinguished Teaching Award
Andrew Sih, Ph.D., Professor
Deidre Speiling, Ph.D., Professor
Environmental Science and Policy, Civil and Environmental Engineering

Michael Springborn, Ph.D., Assistant Professor
Thomas F. Tomich, Ph.D., Professor

Emeriti Faculty

Howard V. Cornell, Ph.D., Professor Emeritus
Charles R. Goldman, Ph.D., Professor Emeritus
Distinguished Graduate Mentoring Award
Robert A. Johnston, M.S., Professor Emeritus
Benjamin S. Orlove, Ph.D., Professor Emeritus
Seymour I. Schwartz, Ph.D., Professor Emeritus
Academic Senate Distinguished Teaching Award
Peter J. Richerson, Ph.D., Professor Emeritus