

Spring 2011 Course Offerings for New Restructured ENVS Major\*\***Introductory- Science/Policy/Values**

ENVS 1000	<i>Introduction to Environmental Studies</i>
EBIO 1040 & EBIO 1050	<i>Biology: A Human Approach 2 AND lab</i>
EBIO 1220 & EBIO 1240	<i>General Biology 2 AND lab</i>
CHEM 1113 & CHEM 1114	<i>General Chemistry 1 AND lab</i>
PHYS 2010	<i>General Physics 1 with lab</i>
PHYS 1110	<i>General Physics 1 (calculus based)</i>
ATOC 1050	<i>Weather and the Atmosphere</i>
ATOC 1060 & ATOC 1070	<i>Our Changing Environment: El Nino, Ozone &amp; Climate AND lab</i>
GEOG 1001	<i>Environmental Systems 1 Climate and Vegetation with lab</i>
GEOG 1011	<i>Environmental Systems 2 Landscapes and Water with lab</i>
GEOL 1010 & GEOL 1030	<i>Introduction to Geology AND lab</i>
GEOL 1020	<i>Introduction to Earth History</i>
GEOL 1040	<i>Geology of Colorado</i>
ECON 1000	<i>Introduction to Economics</i>
ECON 2010	<i>Principles of Microeconomics</i>

**Intermediate- Science/Policy/Values**

ATOC 3600/ENVS 3600/GEOG 3601	<i>Principles of Climate</i>
CVEN 3434*	<i>Introduction to Applied Ecology*</i>
EBIO 2040	<i>Principles of Ecology with lab</i>
ECON 3535	<i>Natural Resource Economics</i>
ECON 3545	<i>Environmental Economics</i>
ENVS/PHIL 3140	<i>Environmental Ethics</i>
GEOG 3422	<i>Conservation Thought</i>
PSCI 2106	<i>Introduction to Public Policy Analysis</i>
<del>PSCI 3064</del>	<del><i>Environmental Political Theory</i></del>
PSCI 3206	<i>The Environment and Public Policy</i>
SOCY 2077	<i>Environment and Society</i>
SOCY 4007*	<i>Global Human Ecology*</i>
GEOG 3511	<i>Hydrology with lab</i>

**Skills**Statistics or Calculus 1Statistics:

MATH 2510	<i>Intro to Statistics</i>
<del>MATH 2520</del>	<del><i>Intro to Biometry</i></del>
EBIO 4410	<i>Biometry</i>
ECON 3818	<i>Introduction to Statistics with Computer Applications</i>
PSYC 3101*	<i>Statistics and Research Methods in Psychology*</i>
SOCY 2061	<i>Introduction to Social Statistics</i>

Calculus 1:

MATH 1300	<i>Analytic Geometry and Calculus 1</i>
MATH 1310	<i>Calculus, Stochastics, and Modeling</i>
APPM 1350	<i>Calculus 1 for Engineers</i>

Advanced Writing

EBIO 3940	<i>Argument in Scientific Writing</i>
ENVS 3020	<i>Advanced Writing in ENVS</i>

Application

EBIO 4100	<i>Mountain Research Station: Winter Ecology (see website: <a href="http://culter.colorado.edu/~kittel/WinterEcology.html">http://culter.colorado.edu/~kittel/WinterEcology.html</a>)</i>
ENVS 3001*	<i>Sustainable Solutions Consulting (Contact Baker RAP to enroll)</i>

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CVEN 3434*	<i>Applied Ecology*</i>
ENVS 3930*	<i>Internship (See website for more information: <a href="http://envs.colorado.edu/undergrad_program/C120/Student/">http://envs.colorado.edu/undergrad_program/C120/Student/</a>)*</i>
EVEN 4100	<i>Environmental Sampling and Analysis</i>
GEOL 2700	<i>Intro to Field Geology</i>

### **Advanced- Science/Policy/Values**

#### Specialization

#### **Climate and Energy:**

ATOC 3500/CHEM 3151	<i>Air Chemistry and Pollution</i>
ATOC 4500-001	<i>Special Topics: Weather Analysis and Forecasting</i>
ATOC 4500-002	<i>Special Topics: Num Weather/Climate Pred</i>
ATOC 4720	<i>Introduction to Atmospheric Physics &amp; Dynamics</i>
ENVS/PHYS 3070	<i>Energy &amp; the Environment</i>
ENVS/GEOL 3520	<i>Environmental Issues in Geosciences</i>
ENVS 3621	<i>Energy Policy &amp; Society</i>
ENVS 4100	<i>Topics in Environmental Policy: Policy and Climate</i>
<del>GEOG 4201</del>	<del><i>Biometeorology</i></del>
<del>GEOG 3040</del>	<del><i>Global Change: The Recent Geological Record</i></del>

#### **Natural Resources and the Environment:**

EBIO 3270	<i>Ecosystem Ecology</i>
EBIO 4030	<i>Limnology</i>
EBIO 4150	<i>Techniques in Ecology: Microbial Biogeochemistry</i>
ENVD 4023*	<i>Environmental Impact Assessment*</i>
ENVS/PHYS 3070	<i>Energy &amp; the Environment</i>
GEOG 3053	<i>Cartography: Visualization and Information Design</i>
<del>GEOG 3251</del>	<del><i>Mountain Geography</i></del>
GEOG/GEOL 4093	<i>Remote Sensing of the Environment</i>
GEOG 4120	<i>Special Topics in Geography: Earth's Critical Zone</i>
GEOG 4321	<i>Snow Hydrology</i>
GEOL 3320	<i>Introduction to Geochemistry</i>
GEOL 4060	<i>Oceanography</i>
GEOL 4241	<i>Principles of Geomorphology</i>

#### **Sustainable Development:**

ECON 3403	<i>International Economics and Policy</i>
ECON 3784	<i>Economic Development &amp; Policy</i>
GEOG 3402	<i>Natural Hazards</i>
<del>GEOG 3822</del>	<del><i>Geography of China</i></del>
GEOG 4632	<i>Development Geography</i>
GEOG 4712	<i>Political Geography</i>
PHIL 2140	<i>Environmental Justice</i>
PSCI 3206	<i>The Environment and Public Policy</i>
SOCY/WMST 3012*	<i>Women and Development*</i>

#### Capstone

ATOC 4800	<i>Policy Implications of Climate Controversies</i>
EBIO 4800	<i>Land Use/Sustainability</i>
EBIO 4800	<i>Ecosystem Management</i>
ENVS 4800	<i>Critical Thinking: Environmental Health Risk</i>
ENVS 4990*	<i>Senior Thesis*</i>
GEOG 4742	<i>Environments and Peoples</i>