

Fall 2010 Course Offerings for New Restructured ENVS Major\*\***Introductory- Science/Policy/Values**

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| 1. | ENVS 1000   | <i>Introduction to Environmental Studies</i>  |
| 2. | EBIO 1030 & EBIO 1050<br>EBIO 1210 & EBIO 1230  | <i>Biology: A Human Approach AND lab<br/>General Biology 1 AND lab</i>  |
| 3. | CHEM 1011<br>CHEM 1113 & CHEM 1114<br>PHYS2010<br>PHYS1110  | <i>Environmental Chemistry<br/>General Chemistry 1 AND lab<br/>General Physics 1 with lab<br/>General Physics 1 (calculus based)</i>  |
| 4. | ATOC 1050/ATOC 1060 & ATOC 1070<br><br>GEOG 1001/GEOG 1011<br>GEOL 1010/(GEOL 1060 or GEOL 1020)<br>& GEOL 1030 | <i>Weather and the Atmosphere/Our Changing Environment: El Nino,<br/>Ozone, &amp; Climate AND lab<br/>Environmental Systems with labs<br/>Introduction to Geology/(Global Change-An Earth Science<br/>Perspective OR Introduction to Earth History) AND lab</i> |
| 5. | ECON 1000<br>ECON 2010  | <i>Introduction to Economics<br/>Principles of Microeconomics</i>   |

**Intermediate- Science/Policy/Values**

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| 6.  | ECON 3535<br>ECON 3545                                  | <i>Natural Resource Economics<br/>Environmental Economics</i>                          |
| 7.  | ENVS/PHIL 3140<br>PSCI 3064                             | <i>Environmental Ethics<br/>Environmental Political Theory</i>                         |
| 8.  | PSCI 2106<br>PSCI 3206                                  | <i>Introduction to Public Policy Analysis<br/>The Environment and Public Policy</i>    |
| 9.  | SOCY 2077   | <i>Environment and Society</i>   |
| 10. | ATOC 3600/ENVS 3600/GEOG 3601<br>EBIO 2040<br>GEOG 3511 | <i>Principles of Climate<br/>Principles of Ecology with lab<br/>Hydrology with lab</i> |

**Skills**

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| 11. | <u>Statistics or Calculus 1</u><br><u>Statistics:</u><br>ECON 3818<br>GEOG/GEOL 3023<br>PSCI 2075<br>PSYC 3101<br>SOCY 2061<br><u>Calculus 1:</u><br>MATH 1300<br>MATH 1310<br>APPM 1350 | <i>Introduction to Statistics with Computer Applications<br/>Statistics for Earth Sciences<br/>Quantitative Research Methods<br/>Statistics and Research Methods in Psychology*<br/>Introduction to Social Statistics<br/><br/>Analytic Geometry and Calculus 1<br/>Calculus 1 with Biological Applications<br/>Calculus 1 for Engineers</i> |
| 12. | <u>Advanced Writing</u><br>EBIO 3940<br>ENVS 3020<br>WRTG 3020   | <i>Argument in Scientific Writing<br/>Advanced Writing in ENVS<br/>Topics in Writing: Environmental Writing</i>  |
| 13. | <u>Application</u><br>EBIO 4090<br>EBIO/ENVS/MUSM 4795<br>GEOL 2700<br><br>ENVS 3930-001<br>ENVS 3930-002  | <i>Coral Reef Ecology<br/>Field Methods in Zoology and Botany<br/>Intro to Field Geology (plan on GEOL47__ to complete<br/>requirement)<br/>Internship (contact <a href="mailto:Dale.Miller@colorado.edu">Dale.Miller@colorado.edu</a> for approval)*<br/>Teach for Sustainability</i>   |

Fall 2010 Course Offerings for New Restructured ENVS Major\*\***Advanced- Science/Policy/Values**14. Specialization**Climate and Energy:**

ATOC 3300	<i>Analysis of Climate &amp; Weather Observations</i>
ATOC 4500	<i>Special Topics: Weather Analysis and Forecasting</i>
ATOC 4215	<i>Descriptive Physical Oceanography</i>
ENVS/PHYS 3070	<i>Energy &amp; the Environment</i>
ENVS 4100	<i>Topics in Environmental Policy: Energy Policy</i>
GEOG 4271	<i>The Arctic Climate System</i>

**Natural Resources and the Environment:**

CVEN 4404	<i>Water Chemistry</i>
CVEN 4414	<i>Water Chemistry Laboratory</i>
EBIO 3190	<i>Tropical Marine Ecology</i>
EBIO 4060	<i>Landscape Ecology</i>
ENVD 4023	<i>Environmental Impact Assessment*</i>
GEOG 3053	<i>Cartography: Visualization and Information Design</i>
GEOG 3251	<i>Mountain Geography</i>
GEOG 3351	<i>Biogeography</i>
GEOG/GEOL 4093	<i>Remote Sensing of the Environment</i>
GEOG/GEOL 4241	<i>Principles of Geomorphology</i>
GEOG 4371	<i>Forest Geography: Principles and Dynamics</i>
GEOL 3030	<i>Introduction to Hydrogeology</i>

**Sustainable Development:**

ECON 3403	<i>International Economics and Policy</i>
ECON 3784	<i>Economic Development &amp; Policy</i>
ENVS 4800	<i>Sustainable Development</i>
GEOG 3682	<i>Geography of International Development</i>
GEOG 4712	<i>Political Geography</i>
GEOG 4732	<i>Population Geography</i>
HIST 4417	<i>Environmental History of North America</i>
PSCI 3206	<i>The Environment and Public Policy (if not applied to #8 above)</i>
PSCI 4012	<i>Global Development</i>
SOCY 3002	<i>Population and Society</i>

15. Capstone

EBIO 4800	<i>Novel Ecosystems</i>
EBIO 4800	<i>Microbial Ecology</i>
EBIO 4800	<i>Soil Ecology</i>
ENVS 4800	<i>Rethinking Hurricane Katrina</i>
ENVS 4990	<i>Senior Thesis*</i>
GEOG 4742	<i>Environments and Peoples</i>
GEOG 4430	<i>Seminar: Conservation Trends</i>