

## ENVS Major Course Offerings FALL 2008

### COMMON CURRICULUM

#### 1) Introduction

ENVS 1000 Intro to Environmental Studies  
+ Recitation

#### 2) Biology Sequence (1030/1040 or 1210/1220)

EBIO 1030 Human Approach Biology I  
EBIO 1210 General Biology I

#### 3) Chemistry Sequence (1011/1031, 1111/1131 or 1021/1111)

CHEM 1011 Environmental Chemistry I  
CHEM 1111 General Chemistry I + lab  
CHEM 1131 General Chemistry II + lab  
CHEM 1021 Intro to Chemistry +lab

#### 4) Geography, Geology or Atmospheric Sciences Sequences

GEOG 1001 Environ Systems/Climate &  
Vegetation + Lab &

GEOG 1011 Environmental Systems/  
Landscapes & Water + lab

**OR**

GEOL 1010 Intro to Geology 1 &

GEOL 1020 Intro to Geology 2 or

GEOL 1040 Geology of Colorado **(785)**

**OR**

ATOC 1050 Weather and the Atmosphere &

ATOC 1060 Our Changing Environment

#### 5) Economics Lower Division

ECON 1000 Intro to Economics + Recitation  
ECON 2010 Microeconomics

#### 6) Economics Upper Division

ECON 3535 Natural Resources Economics  
ECON 3545 Environmental Economics

#### 7) Environmental Ethics

PHIL 3140 Environmental Ethics  
PSCI 4028-001 Environmental Political Theory  
(enroll in section 001)  
GEOG 3422 Conservation Thought + Recitation

#### 8) Environmental Policy

PSCI 3201 Environmental Public Policy

#### 9) Stand Alone Labs Fall 08

EBIO 1230 General Biology Lab I  
EBIO 1050 Biology-Human Approach Lab  
ATOC 1070 Weather and Atmosphere Lab  
GEOL 1030 Intro to Geology Lab I

#### 10a) Math Track A – Statistics

SOCY 2061 Intro to Social Stats  
PSYC 3101 Stats Res Meth Psyc  
(see department to enroll)  
ECON 3818 Intro to Stats with Computer Apps  
ECON 4808 Intro to Math Econ  
GEOG/GEOL 3023 Stats for Earth Sciences

#### 10b) Math Track B – Calculus

MATH 1300 Analytic Geometry and Calc 1  
MATH 1310 Calc 1 Biological Applications  
APPM 1350 Calc 1 for Engineers

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### OTHER ENVS COURSES

ENVS 3930 Environmental Studies Internship  
ENVS 3020 Advanced Writing in Environmental Studies  
ENVS 4990-802 Senior Thesis: The Art of Research

**TRACK A: SOCIETY AND POLICY****Required Courses**

I. EBIO 2040 Principles of Ecology + Lab

**Specializations****ENVIRONMENT AND NATURAL RESOURCES**

EBIO 4060 Landscape Ecology  
 EBIO 4800-001 CT: Discovering Climate Change  
 (enroll in sec. 001)  
 ENVS/SOCY4027 Inequality, Democracy & Environment  
 ENVS 4100-003 TPC: Energy Science & Technology  
 (enroll in section 003)  
 ENVS 4100-002 TPC: Water Policy/Science  
 (enroll in section 002)  
 ENVS 4800-001 CT: Property and Protest  
 ENVS 4800-002 CT: Biofuels  
~~GEEN 3300-001 Sustainability and Ethics~~  
 (cancelled)  
 GEOG 3251 Mountain Geography  
 GEOG 3351 Biogeography  
 GEOG 4371 Forest Geography  
 GEOG 4742 CT: Environment & Peoples

**DECISION MAKING, PLANNING AND PUBLIC POLICY**

EBIO 4800-001 CT: Discovering Climate Change  
 (enroll in sec. 001)  
 ENVD 4363-004 Sustainable Planning & Design  
 (see ENVD to register, enroll in sec 004)  
 ENVS/PHYS 3070 Energy and the Environment  
 ENVS 4100-003 TPC: Energy Science & Technology  
 (enroll in section 003)  
 ENVS 4100-002 TPC: Water Policy/Science  
 (enroll in section 002)  
 ENVS 4800-001 CT Property and Protest  
 ENVS 4800-002 CT: Biofuels  
~~GEEN 3300-001 Sustainability and Ethics~~  
 (cancelled)  
 GEOL 3950 Natural Catastrophes  
 PHIL 2140 Environmental Justice  
 PSCI 3201 Environment and Public Policy  
 SOCY 2077 Environment and Society

**INTERNATIONAL ENVIRONMENT AND DEVELOPMENT**

EBIO 4800-001 CT: Discovering Climate Change  
 (enroll in sec. 001)  
 ECON 3403 International Economics & Policy  
 ENVS 4100-003 TPC: Energy Science & Technology  
 (enroll in section 003)  
 ENVS 4800-001 CT: Property and Protest  
 ENVS 4800-002 CT: Biofuels  
~~GEEN 3300-001 Sustainability and Ethics~~  
 (cancelled)  
 GEOG 3682 Geography of International Development  
 GEOG 4712 Political Geography  
 PHIL 2140 Environmental Justice  
 PSCI 2223 Intro to International Relations  
 PSCI 3143 Problems in International Relations  
 PSCI 3193 International Behavior  
 PSCI 4012 Global Development  
 PSCI 4173 International Organization  
 PSCI 4183 International Law  
 PSCI 4783 CT: Global Issues (see PSCI to enroll)

**ENVIRONMENTAL ANALYSIS**

ATOC 3300 Analysis of Climate & Weather  
 Observation  
 EBIO 4800-001 CT: Discovering Climate Change  
 (enroll in sec. 001)  
 ECON 4808 Intro to Math Economics  
 ENVS 4100-003 TPC: Energy Science & Technology  
 (enroll in section 003)  
 ENVD 4023 Environmental Impact Assessment  
 (email advisor to enroll in course)  
 ENVS 4800-001 CT: Property and Protest  
 ENVS 4800-002 CT: Biofuels  
~~GEEN 3300-001 Sustainability and Ethics~~  
 (cancelled)  
 GEOG 2053 Mapping a Changing World  
 GEOG 3053 Computer Cartography 1 +lab  
 GEOG 4093 Remote Sensing of the Environment  
 GEOG 4103 Intro to Geography Information Science

**TRACK B: ENVIRONMENTAL SCIENCE****Required Courses**

- i. EBIO 2040 Principles of Ecology + lab  
GEOG 3601/ATOC/ENVS 3600 Principles of Climate
- ii. GEOG 3511 Intro to Hydrology + lab
- iii. Field Requirements  
GEOG 2700 Intro to Field Geology and one upper-division 2-hour GEOG field course  
ENVS 4795 Museum Methods  
EBIO 4090 Coral Reef Ecology (winter break)

**Specializations****WATER**

- CVEN 3454 Water Chemistry  
 EBIO 3190 Tropical Marine Ecology  
 EBIO 4800-001 CT: Discovering Climate Change (enroll in section 001)  
 ENVS 4100-002 TPC: Water Policy / Science (enroll in section 002)  
 ENVS 4800-002 CT: Biofuels  
 GEOG 3030 Intro to Hydrogeology  
 GEOG/GEOG 4241 Principles of Geomorphology  
 GEOG 4700-002 TPC: Geomorphology (need instructor's permission)  
 GEOG 4270/5270 Marine Chemistry and Geochemistry

**BIOGEOCHEMISTRY**

- EBIO 4800-001 CT: Discovering Climate Change (enroll in section n001)  
 EBIO 4800-002 CT: Novel Ecosystems (enroll in section 002)  
 EBIO 4800-004 CT: Global Change and Health (enroll in section 004)  
 ENVS 4800-002 CT: Biofuels  
 GEOG/GEOG 4241 Principles of Geomorphology + lab  
 GEOG 4700-002 TPC: Geomorphology (need instructor's permission)

**CLIMATE**

- ATOC 3300/GEOG 3301 Analysis of Climate and Weather Observations  
 ATOC 3500 Air Chemistry and Pollution  
 EBIO 4800-001 CT: Discovering Climate Change (enroll in section 001)  
 ENVS 4800-002 CT: Biofuels  
 ENVS/GEOG 4201 Biometeorology

**Physics sequence (1110/1120 or 2010/2020)**

- PHYS 1110 General Physics I  
 PHYS 1120/1140 General Physics II + lab  
 PHYS 2010 General Physics I  
 PHYS 2020 General Physics II