

**ENVS Major Course Offerings**

FALL 2009

**COMMON CURRICULUM****1) Introduction**

ENVS 1000 Intro to Environmental Studies

**2) EBIO Sequence**

EBIO 1030 Human Approach I

EBIO 1210 General Biology I

**3) CHEM Sequence**

CHEM 1011 Environmental Chemistry I

CHEM 1111 General Chemistry I + lab

CHEM 1131 General Chemistry II + lab

CHEM 1021 Intro to Chemistry +lab

**4) GEOG, GEOL or ATOC Sequences**GEOG 1001 Environmental Systems/  
Climate & Vegetation + labGEOG 1011 Environmental Systems/  
Landscapes & Water + lab

GEOL 1010 Intro to Geology 1

GEOL 1020 Intro to Geology 2

GEOL 1060 Global Change- Earth Science

ATOC 1050 Weather &amp; the Atmosphere

ATOC 1060 Our Changing Environment

**5) Stand Alone Labs**

EBIO 1050 Biology-Human Approach Lab

ATOC 1070 Weather &amp; Atmosphere Lab

GEOL 1030 Intro to Geology Lab I

EBIO 1230 General Biology Lab I

**6) Economics Lower Division**

ECON 1000 Intro to Economics

ECON 2010 Microeconomics

**7) Economics Upper Division**ECON 3535 Natural Resource Economics  
(new section as of 6/23/09)

ECON 3545 Environmental Economics

**8) Environmental Ethics**

PHIL 3140 Environmental Ethics

**9) Environmental Policy**~~PSCI 3201~~ Environmental Public Policy

PSCI 2101 Intro to Public Policy Analysis

**10a) Math Track A – Statistics**

ECON 3818 Intro to Stats with Computer Aps

ECON 4808 Intro to Math Econ

GEOG/GEOL 3023 Statistics for Earth Sciences

PSYC 3101 Statistics & Research Methods  
(contact PSYC dept. to enroll)

SOCY 2061 Intro to Social Stats

**10b) Math Track B – Calculus**

APPM 1350 Calc 1 for Engineers

MATH 1300 Analytic Geometry &amp; Calc 1

MATH 1310 Calc 1 Biological Applications

MATH 1310 Calc 1 Biological Applications

**OTHER ENVS COURSES**

ENVS 3020 Advanced Writing in Environmental Studies

ENVS 3930 Environmental Studies Internship

ENVS 4990-801 Senior Thesis

**TRACK A: SOCIETY AND POLICY**

EBIO 2040 Principles of Ecology + Lab

**Specializations****NATURAL RESOURCES**

ATOC/GEOL 3070	Introduction to Oceanography
EBIO 4060	Landscape Ecology
EBIO 4800-001: CT	Discovering Climate Change
ENVD 4023	Environmental Impact Assessment (contact ENVD to register)
ENVS 4100-002	TPC-Energy Policy
ENVS 4800-001: CT	Biofuels
ENVS/EBIO 3040	Conservation Biology
ENVS/PHYS 3070	Energy & the Environment
ENVS/SOCY4027	Inequality, Democracy, & the Environ
GEOG3251	Mountain Geography
GEOG3351	Biogeography
GEOG 4100	Environment & Devel. In S. America
GEOG4371	Forest Geography
GEOG4732	Population Geography
GEOG 4742-001 CT:	Environment & Peoples
GEOG 4742-001 CT:	Environment & Peoples: Disease Ecology
HIST4417	Envi. History of N. America

**INTERNATIONAL ENVIRONMENT & DEVELOPMENT**

EBIO 4800-001: CT:	Discovering Climate Change
ECON 3403	International Econ. & Policy
ECON 3784	Economic Development & Policy
ENVS 4800-001: CT	Biofuels
GEOG3862	Geography of Africa
GEOG3682	Geography of International Developm
GEOG 3822	Geography of China
GEOG 4100	Environment & Devel. In S. America
GEOG 4712	Political Geography
PSCI 2223	Intro to International Relations
PSCI 3143	Problems in International Relations
PSCI 3193	International Behavior
PSCI 4012	Global Development
PSCI 4183	International Law
SOCY 4007	Global Human Ecology (contact SOCY Dept. to enroll)

**TRACK B: ENVIRONMENTAL SCIENCE**

EBIO 2040	Principles of Ecology + lab
GEOG 3601/ENVS/ATOC	Principles of Climate
GEOG 3511	Intro to Hydrology + lab

**Specializations****WATER**

EBIO3190	Tropical Marine Ecology
EBIO 4090	Coral Reef Ecology (see: <a href="http://spot.colorado.edu/~cundiff/coral.html">http://spot.colorado.edu/~cundiff/coral.html</a> )
EBIO 4800-001: CT	Discovering Climate Change
ENVS 4800-001: CT	Biofuels
EVEN 4100-010	Env. Sampling and Analysis
GEOG/GEOL 4241	Principles of Geomorphology
GEOL 3030	Introduction to Hydrogeology

**BIOGEOCHEMISTRY**

EBIO 4800-001 CT	Discovering Climate Change
EBIO 4800-002 CT	Novel Ecosystems
EBIO 4800-003 CT	Microbial Ecology
EBIO 4800-004 CT:	Soil Ecology
ENVS 4800-001: CT	Biofuels

GEOG/GEOL 4241	Principles of Geomorphology + lab
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**DECISION MAKING, PLANNING & PUBLIC POLICY**

EBIO 4800-001: CT:	Discovering Climate Change
ENVD 4023	Environmental Impact Assessment (contact ENVD to enroll)
ENVS 4100-002	TPC-Energy Policy
ENVS 4800-001: CT	Biofuels
ENVS 4800-002: CT	Cultural Politics of Climate Change
ENVS/PHYS 3070	Energy & the Environment
<del>GEOL3950</del>	<del>Natural Catastrophes &amp; Geologic Hazards</del>
<del>PSCI 3201</del>	<del>Environmental Public Policy</del>
PSCI 2101	Intro to Public Policy Analysis
SOCY2077	Environment & Society

**ENVIRONMENTAL ANALYSIS**

ATOC 3300	Analysis of Climate & Weather Observations
EBIO 4800-001: CT	Discovering Climate Change
ECON 4808	Intro to Math Economics
ENVD 4023	Environmental Impact Assessment (contact ENVD to enroll)
ENVS 4100-002	TPC-Energy Policy
ENVS 4800-001: CT	Biofuels
ENVS 4800-002: CT	Cultural Politics of Climate Change
GEOG 3053	Computer Cartography 1 +lab
GEOG4043	Cartography 2: Interactive & Multimedia Mapping
GEOG 4093	Remote Sensing of the Environment
GEOG 4103	Intro Geographic Information Science
GEOG 4203	GIS: Modeling Application
GEOG 4203-010	GIS Modeling Applications

**Field Courses:**

EVEN 4100-010	Env. Sampling and Analysis
GEOL 2700	Intro to Field Geology

**CLIMATE**

ATOC 3300	Analysis of Climate & Weather Observations
ATOC 4500-001-TPC	Weather Analysis & Forecasting
EBIO 4800	Discovering Climate Change
ENVS 4800-001: CT	Biofuels
ENVS 4800-002: CT	Cultural Politics of Climate Change
ENVS/GEOG4201	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