

ENVS Major Course Offerings SPRING 2009

COMMON CURRICULUM

1) Introduction

ENVS 1000 Intro to Environmental Studies
+ Recitation

6) Economics Lower Division

ECON 1000 Intro to Economics + Recitation
ECON 2010 Microeconomics

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

EBIO 1040 Human Approach II
EBIO 1220 General Biology II

7) Economics Upper Division

ECON 3545 Environmental Economics

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

CHEM 1031 Environmental Chemistry II
CHEM 1111 General Chemistry I + lab
CHEM 1131 General Chemistry II + lab
CHEM 1021 Intro to Chemistry +lab

8) Environmental Ethics

PHIL 3140 Environmental Ethics
PSCI 3064 Environmental Political Theory

9) Environmental Policy

PSCI 3201 Environmental Public Policy

4) Geography, Geology or Atmospheric Sciences Sequence

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 **or**
GEOL 1060 Global Change- Earth Science
OR
ATOC 1050 Weather and the Atmosphere &
ATOC 1060 Our Changing Environment

10a) Math Track A – Statistics

ANTH 4000 Quantitative Methods in Anthro
EBIO 4410 Biometry
ECON 3818 Intro to Stats with Computer Apps
ECON 4808 Intro to Math Econ
MATH 2510 Intro to Statistics
MATH 2520 Intro to Biometry
PSYC 3101 Stats Res Meth Psyc
(see department to enroll)
SOCY 2061 Intro to Social Stats

5) Stand Alone Labs Spring 09

EBIO 1050 Biology-Human Approach Lab
ATOC 1070 Weather and Atmosphere Lab
GEOL 1030 Intro to Geology Lab I
EBIO 1240 General Biology Lab II

10b) Math Track B – Calculus

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

OTHER ENVS COURSES

ENVS 3930 Environmental Studies Internship
ENVS 3020 Advanced Writing in Environmental Studies
ENVS 4990-801 Senior Thesis

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

i. EBIO 2040 Principles of Ecology + Lab ENV5 3434 Intro to Applied Ecology

Specializations**NATURAL RESOURCES**

ANTH 4020-005 Peoples and Cultures of the North Atlantic
 EBIO 4800-004 CT: Land Use Sustainability
 EBIO 4800-007 CT: Ecosystem Management
~~EBIO 4800-880: CT:-~~ ~~Discovering Climate Change-~~
 (honors, contact EBIO to enroll)
 ENVD 4023 Environmental Impact Assessment
 (contact ENVD to register)
 ENVS 3001-785 Sustainable Solutions Consulting
 (contact Baker RAP to enroll)
 ENVS 3621 Energy Policy and Society
 ENVS 4100-002 TPC: Carbon Neutral CU (enroll in sec. 002)
 ENVS 4100-003 TPC: Wildlife Policy (enroll in sec. 003)
 ENVS 4100-004 TPC: Water in the West (enroll in sec. 004)
 ENVS 4800-001 CT: Rethinking Hurricane Katrina
 (enroll in sec. 001)
 ENVS 4800-003 CT: Environmental Health Risk
 (enroll in section 003)
 ENVS 4800-004 CT: Environmental Property and Protes
 (enroll in section 004)
 ENVS/PHYS 3070 Energy and the Environment
 GEOG 4430 Seminar: Conservation Trends
 GEOG 4501 Water Resources & Water Mgt of US Wes
 GEOG 4742-001 CT: Environment and Peoples:
 Space and Power
 GEOG 4742-003 CT: Environments and Peoples
 GEOL 3070 Introduction to Oceanography
 GEOL/ENVS 3520 Environmental Issues in Geosciences

DECISION MAKING, PLANNING & PUBLIC POLICY

ANTH 4020-005 Peoples and Cultures of the North Atlantic
 ATOC 4800 Policy and Climate
 EBIO 4800-004 CT: Land Use Sustainability
~~EBIO 4800-880: CT:-~~ ~~Discovering Climate Change-~~
 (honors, contact EBIO to enroll)
 ENVD 4023 Environmental Impact Assessment
 (contact ENVD to enroll)
 ENVD 4363-005 Sustainable Planning & Design
 (see ENVD to register, enroll in sec 004)
 ENVS 3001-785 Sustainable Solutions Consulting
 (contact Baker RAP to enroll)
 ENVS 3621 Energy Policy and Society
 ENVS 4100-002 TPC: Carbon Neutral CU (enroll in sec. 002)
 ENVS 4100-003 TPC: Wildlife Policy (enroll in sec. 003)
 ENVS 4100-004 TPC: Water in the West (enroll in sec. 004)
 ENVS 4800-001 CT: Rethinking Hurricane Katrina
 (enroll in section 001)
 ENVS 4800-003 CT: Environmental Health Risk
 (enroll in section 003)
 ENVS 4800-004 CT: Environmental Property and Protest
 (enroll in section 004)
 ENVS/PHYS 3070 Energy and the Environment
 GEOG 3402 Natural Hazards
 GEOL/ENVS 3520 Environmental Issues in Geosciences
 MCEN 4228-006 TPC: Environmental Law for Scientists
 and Engineers (enroll in section 006)
 PHIL 2140 Environmental Justice

INTERNATIONAL ENVIRONMENT & DEVELOPMENT

ANTH 4020-005 Peoples and Cultures of the North Atlantic
~~EBIO 4800-880: CT:-~~ ~~Discovering Climate Change-~~
 (honors, contact EBIO to enroll)
 ECON 3403 International Economics & Policy
 ENVS 4800-001 CT Rethinking Hurricane Katrina
 (enroll in sec. 001)
 ENVS 4100-002 TPC: Carbon Neutral CU (enroll in Section 002)
 ENVS 4800-003 Environmental Health Risk
 (enroll in section 003)
 ENVS 4800-003 (enroll in section 003)
 ENVS 4800-004 CT: Environmental Property and Protest
 (enroll in section 004)
 ENVS/PHYS 3070 Energy and the Environment
 GEOG 3812 Mexico, Central America & the Caribbean
 GEOG 4712 Political Geography
 GEOG 4832 CT: Geography of Tibet
 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 4183 International Law
 SOCY 3002 Population and Society
 (contact SOCI dept. to enroll)
 MCEN 4228-006 Environmental Law for Scientists and
 Engineers (enroll in section 006)

ENVIRONMENTAL ANALYSIS

~~EBIO 4800-880: CT:-~~ ~~Discovering Climate Change-~~
 (honors, contact EBIO to enroll)
 ECON 4808 Intro to Math Economics
 ENVD 4023 Environmental Impact Assessment
 (contact ENVD to enroll)
 ENVS 3001-785 Sustainable Solutions Consulting
 (contact Baker RAP to enroll)
 ENVS 3621 Energy Policy and Society
 ENVS 4100-002 TPC: Carbon Neutral CU (enroll in sec. 002)
 ENVS 4100-003 TPC: Wildlife Policy (enroll in sec. 003)
 ENVS 4800-001 CT: Rethinking Hurricane Katrina
 (enroll in section 001)
 ENVS 4800-003 CT: Environmental Health Risk
 (enroll in section 003)
 ENVS 4800-004 CT: Environmental Property and Protest
 (enroll in section 004)
 GEOG 3053 Computer Cartography 1 +lab
 GEOG 4093 Remote Sensing of the Environment
 GEOG 4103 Intro to Geographic Information Science
 GEOG 4203 GIS: Modeling Application
 MCEN 4228-006 TPC: Environmental Law for Scientists
 and Engineers (enroll in section 006)
 GEOG 4203-010 GIS Modeling Applications

TRACK B: ENVIRONMENTAL SCIENCE**Required Courses**

i. EBIO 2040	Principles of Ecology + lab
CVEN/ENVS 3434	Intro to Applied Ecology
3601/ATOC/ENVS 3600	Principles of Climate
ii. GEOG 3511	Intro to Hydrology + lab
iii. Field Requirements	
EBIO 4120	Winter Field Ecology [see http Winter Field Ecology://culter.colorado.edu/~kittel/WinterEcology.html]
ENVS/CVEN 3434	Intro to Applied Ecology
GEOG 2700	Intro to Field Geology and one upper-division 2-hour GEOL field course
GEOG 4716	Environmental Field Geochemistry

Specializations**WATER**

EBIO 4030	Limnology
EBIO 4460	Fish Ecology
EBIO 4800-880: CT:-	Discovering Climate Change (honors, contact EBIO to enroll)
ENVS 4100-004 TPC:	Water in the West (enroll in section 004)
EBIO 4800-004 CT:	Land Use Sustainability (enroll in section 004)
GEOG 4120-001 TPC:	Glaciers and Permafrost (enroll in section 001)
GEOG 4321	Snow Hydrology
GEOG 4501	Water Resources: Mgt of the US West
GEOG/GEOL 4241	Principles of Geomorphology
GEOL 4060	Oceanography

BIOGEOCHEMISTRY

EBIO 3270	Ecosystem Ecology
EBIO/ENVS/GEOL 4160	Intro to Biogeochemistry
EBIO 4800-004 CT:	Land Use Sustainability (enroll in section 004)
EBIO 4800-007 CT:	Ecosystem Management (enroll in section 007)
EBIO 4800-880 CT:-	Discovering Climate Change (honors, contact EBIO to enroll)
GEOG/GEOL 4241	Principles of Geomorphology + lab
GEOL 3320	Geochemistry
GEOL 4060	Oceanography

CLIMATE

ANTH 4020-005	Peoples and Cultures of the North Atlantic
ATOC 4720	Atmospheric Dynamics
ATOC 4800	Policy and Climate
EBIO 4800-880: CT:-	Discovering Climate Change (honors, contact EBIO to enroll)
EBIO 4800-004 CT:	Land Use Sustainability (enroll in section 004)
GEOG 4120-001 TPC:	Glaciers and Permafrost (enroll in section 001)
GEOG 4331	Mountain Climatology
GEOL/ENVS 3520	Environmental Issues in Geosciences (001)
GEOL/ENVS 3520	Environmental Issues in Geosciences: Global Warming: Understanding the Forecast (002)
GEOL 4060	Oceanography

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