

ENVS Major Course Offerings SPRING 2010

COMMON CURRICULUM

1) Introduction

ENVS 1000 Intro to Environmental Studies

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

EBIO 1040 Human Approach II

EBIO 1220 General Biology II

3) Chemistry Sequence (1011/1031 or 1113&1114&1131 or 1021/1113&1114)

CHEM 1031 Environmental Chemistry II

CHEM 1113/1114 General Chemistry I + Lab

CHEM 1131 General Chemistry II + Lab

CHEM 1021 Intro to Chemistry + Lab

4) Geography, Geology or Atmospheric Sequence

GEOG 1001 Environ Systems/Climate & Vegetation + Lab

GEOG 1011 Environmental Systems/ Landscapes & Water + Lab

GEOL 1010 Intro to Geology 1

GEOL 1020 Intro to Geology 2

GEOL 1040 Geology of Colorado

ATOC 1050 Weather and the Atmosphere

ATOC 1060 Our Changing Environment

5) Stand Alone Labs

ATOC 1070 Weather and Atmosphere Lab

EBIO 1050 Biology-Human Approach Lab

GEOL 1030 Intro to Geology Lab I

6) Economics Lower Division

ECON 1000 Intro to Economics

ECON 2010 Microeconomics

7) Economics Upper Division

ECON 3545 Environmental Economics

8) Environmental Ethics

PHIL 3140 Environmental Ethics

9) Environmental Policy

PSCI 3206 The Environment & Public Policy

10a) Math Track A -- Statistics

ANTH 4000 Quantitative Methods in Anthro.

EBIO 4410 Biometry

ECON 3818 Intro to Stats w/ Computer Apps

ECON 4808 Intro to Math Econ

MATH 2510 Intro to Statistics

MATH 2520 Intro to Biometry

PSYC 3101 Stat. Research Methods (contact PSYC dept. after 12/1 to enroll)

SOCY 2061 Intro to Social Stats

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 3020 Advanced Writing in Environmental Studies

ENVS 3930 Environmental Studies Internship

ENVS 4990-802 Senior Thesis (contact Dale.Miller@colorado.edu to enroll)

ENVS Major Course Offerings -- Spring 2010

TRACK A: SOCIETY AND POLICY

Required Courses:

EBIO 2040 Principles of Ecology + Lab

Specializations:

ENVIRONMENT AND NATURAL RESOURCES

ANTH 4020-007 Exp.in Anth: Anth. of Energy
(contact ANTH to enroll)

EBIO 4800-004 CT Land Use Sustainability (enroll in
section 4)

ENVD 4023 Environmental Impact Assessment
(contact ENVD to enroll)

ENVS 3001 Sustainable Solutions Consulting
(contact Baker RAP to enroll)

ENVS/PHYS 3070 Energy and the Environment

ENVS 3621 Energy Policy and Society

ENVS 3800 The Art of Research

ENVS 3930-802 Teach for Sustainability

~~ENVS 4100-002 TPC Carbon Neutral CU
(enroll in sec. 002)~~

ENVS 4800-001 CT Rethinking Hurricane Katrina
(enroll in section 001)

ENVS 4800-0002 CT Environmental Property and Protest
(enroll in section 002)

ENVS 4800-004 CT Policy and Climate
(enroll in section 004)

ENVS/PHYS 3070 Energy and the Environment

ENVS/SOCY 4027 Inequality, Democracy & Env.

GEOG 4501 Water Res. & Water Mgt US West

GEOG 4742 CT Environments and Peoples

GEOG 3070 Introduction to Oceanography

HIST 4417 Environmental History of N. America

PHIL 3180-002 CT Wilderness Ethics(enroll sect. 002)

ENVIRONMENTAL ANALYSIS

ECON 4808 Intro to Math Economics

ENVD 4023 Env. Impact Assessment
(contact ENVD to enroll)

ENVS 3001 Sustainable Solutions Consulting
(contact Baker RAP to enroll)

ENVS 3621 Energy Policy and Society

ENVS 3800 The Art of Research

ENVS 3930-802 Teach for Sustainability

~~ENVS 4100-002 Carbon Neutral CU(enroll sec.002)~~

ENVS 4800-001 CT Rethinking Hurricane Katrina
(enroll in sec. 001)

ENVS 4800-002 CT Environmental Property & Protest
(enroll in section 002)

ENVS 4800-003 CT Cult. Politics of Climate Change
(enroll in section 003)

ENVS 4800-004 CT Policy & Climate (enroll sec. 004)

GEOG 2053 Mapping a Changing World

GEOG 3053 Computer Cartography 1

GEOG 4093 Remote Sensing - the Environment

GEOG 4103 Intro to Geographic Info. Science

DECISION MAKING, PLANNING & PUBLIC POLICY

ANTH 4020-007 Exp.in Anth: Anth. of Energy
(contact ANTH to enroll)

ATOC 4800 CT Policy and Climate

EBIO 4800-004 CT Land Use Sustainability
(enroll in section 004)

ENVD 4023 Env. Impact Assessment
(contact ENVD to enroll)

~~ENVD 4363-006 Sustainable Planning & Design
(see ENVD to enroll in sec 006)~~

ENVS 3001 Sustainable Solutions Consulting
(contact Baker RAP to enroll)

ENVS/PHYS 3070 Energy and the Environment

ENVS 3621 Energy Policy and Society

ENVS 3800 The Art of Research

ENVS 3930-802 Teach for Sustainability

~~ENVS 4100-002 TPC Carbon Neutral CU(enroll sec.002)~~

ENVS 4800-001 CT Rethinking Hurricane Katrina
(enroll in section 001)

ENVS 4800-002 CT Environmental Property & Protest
(enroll in section 002)

ENVS 4800-003 CT Cult. Politics of Climate Change
(enroll in section 003)

ENVS 4800-004 CT Policy and Climate
(enroll in section 004)

ENVS/PHYS 3070 Energy and the Environment

ENVS/SOCY 4027 Inequality, Democracy & Env.

GEOG 3402 Natural Hazards

SOCY 3002 Population and Society
(contact SOCI dept. to enroll)

PHIL 2140 Environmental Justice

PHIL 3180-002 CT Wilderness Ethics (sec. 002)

PSCI 3206 Environment and Public Policy

SOCY 2077 Environment and Society

INTERNATIONAL ENVIRONMENT & DEVELOPMENT

ANTH 4020-007 Exp.in Anth: Anth. of Energy
(contact ANTH to enroll)

ECON 3403 International Economics & Policy

ECON 3784 Economic Development & Policy

ENVS 3800 The Art of Research

ENVS 3930-802 Teach for Sustainability

~~ENVS 4100-002 TPC Carbon Neutral CU (enroll sec.002)~~

ENVS 4800-001 CT Rethinking Hurricane Katrina
(enroll in sec. 001)

ENVS/SOCY 4027 Inequality, Democracy & Env.

GEOG 3812 Mex., C. America, & the Caribbear

GEOG 4712 Political Geography

PHIL 2140 Environmental Justice

PSCI 2223 Intro to International Relations

PSCI 3193 International Behavior

PSCI 4012 Global Development

PSCI 4183 International Law

PSCI 4783 CT Global Issues (next page)

SOCY 3002

Population and Society

SOCY 4007

Global Human Ecology

ENVS Major Course Offerings SPRING 2010

TRACK B: ENVIRONMENTAL SCIENCE

Required Courses

- i. EBIO 2040 Principles of Ecology
GEOG 3601/ATOC/ENVS 3600 Principles of Climate
- ii. GEOG 3511 Intro to Hydrology
- iii. Field Requirements
 - EBIO 4100-570 Winter Field Ecology (see <http://culter.colorado.edu/~kittel/WinterEcology.html> or <http://www.colorado.edu/mrs/reginfo.html>)
 - GEOL 2700 Intro to Field Geology and one upper-division 2-hour GEOL field course
 - GEOL 4716 Environmental Field Geochemistry

Specializations

WATER

- EBIO 4030 Limnology
- EBIO 4800-004 CT Land Use Sustainability (enroll in section 004)
- ENVS 3800 The Art of Research
- ENVS 4800-001 CT Rethinking Hurricane Katrina (enroll in Section 001)
- GEOG 4120-001TPC Glaciers and Permafrost (enroll in section 001)
- GEOG 4501 Water Resources: Mgt of the US West
- GEOG/GEOL 4241 Principles of Geomorphology
- GEOL 4060 Oceanography
- GEOL 4500 TPC Geomorphology (with instructor's permission)

BIOGEOCHEMISTRY

- EBIO 3270 Ecosystem Ecology
- EBIO 4800-004 CT Land Use Sustainability (enroll in section 004)
- ENVS 3800 The Art of Research
- GEOG/GEOL 4241 Principles of Geomorphology
- GEOL 3040 Global Change: Recent Geological Record
- GEOL 3320 Geochemistry
- GEOL 4060 Oceanography
- GEOL 4500 TPC Geomorphology (with instructor's permission)

CLIMATE

- ATOC 3500 Air Chemistry and Pollution
- ATOC 4720 Atmospheric Dynamics
- ATOC 4800 Policy and Climate
- ENVS 3800 The Art of Research
- ENVS 4800-004 CT Land Use Sustainability (enroll in section 004)
- GEOG 4120-001 TPC Glaciers and Permafrost (enroll in section 001)
- GEOL 3040 Global Change: Recent Geological Record
- GEOL 4060 Oceanography

Physics sequence (1110/1120 or 2010/2020)

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