

ENVS Major Course Offerings
Society and Policy Track/Environmental Science Track
SPRING 2011

COMMON CURRICULUM**1) Introduction**

ENVS 1000 Intro to Environmental Studies
 + Recitation

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

EBIO 1040 Human Approach II
 EBIO 1220 General Biology II

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

CHEM 1031 Environmental Chemistry II
 CHEM 1113 & 1114 General Chemistry 1 & Lab
 Chem 1133 & 1134 General Chemistry 2 & Lab

4) Geography, Geology or Atmospheric Sciences Sequences

GEOL 1010 Intro to Geology 1 &
 GEOL 1020 Intro to Geology 2 or
 GEOL 1040 Geology of Colorado or
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 3545 Environmental Economics
 ECON 3535 Natural Resource Economics

7) Environmental Ethics

GEOG 3422 Conservation Thought
 PHIL 3140 Environmental Public Policy
 PSCI 3064 Environmental Political Theory

8) Environmental Policy

PSCI 2106 Intro to Public Policy Analysis
 PSCI 3206 Environmental Public Policy

9) Stand Alone Labs Fall 08

ATOC 1070 Weather and Atmosphere Lab
 CHEM 1113 General Chemistry I Lab
 CHEM 1134 General Chemistry II Lab
 EBIO 1050 Biology--Human Approach Lab
 EBIO 1240 General Biology II Lab
 GEOL 1030 Intro to Geology I Lab

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

10b) Math Track B – Calculus

APPM 1350 Calc 1 for Engineers
 MATH 1300 Analytic Geometry and Calc 1
 MATH 1310 Calculus, Stochastics & Modeling

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 ENVS 3434 Intro to Applied Ecology

Specializations**NATURAL RESOURCES**

EBIO 4800 Land Use Sustainability
 EBIO 4800 Ecosystem Management
 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 4100-001 TPC: Env. Policy: Policy & Climate
 ENVS 4800 TPC: Environmental Health Risk
 ENVS/PHYS 3070 Energy & the Environment
 GEOG 4742 Environment and Peoples
 GEOL 3070 Introduction to Oceanography
 GEOL/ENVS 3520 Env. Issues in Geosciences

INTERNATIONAL ENVIRONMENT & DEVELOPMENT

ECON 3403 International Economics & Policy
 ECON 3784 Economic Development & Policy
 ENVS 4100-001 TPC: Env. Policy: Policy & Climate
 ENVS 4800 Environmental Health Risk
 GEOG 3822 Geography of China
 GEOG 4632 Development Geography
 GEOG 4712 Political Geography
 GEOG 4852 Health and Medical Geography
 PHIL 2140 Environmental Justice
 PSCI 2223 Intro to International Relations
 PSCI 3143 Problems in International Relations
 PSCI 3193 International Behavior
 PSCI 4183 International Law
 SOCY 3012 Women, Development & Fertility
 SOCY 4007 Global Human Ecology

DECISION MAKING, PLANNING & PUBLIC POLICY

ATOC 4800 Policy and Climate
 EBIO 4800 Ecosystem Management
 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 4100-001 Env. Policy: Policy & Climate
 ENVS 4800 Environmental Health Risk
 GEOG 3402 Natural Hazards
 GEOL/ENVS 3520 Env. Issues in Geosciences
 GEOL 3950 Natural Catast. & Geol. Hazards
 PHYS 3070 Energy and the Environment
 PSCI 2106 Intro to Public Policy Analysis
 PSCI 3206 Environment and Public Policy
 SOCY 2077 Environment and Society
 PHIL 2140 Environmental Justice

ENVIRONMENTAL ANALYSIS
 ECON 4808 Intro to Math Economics
 ENVD 4023 Env. Impact Assessment
 (contact ENVD to enroll)
 ENVS 4100-001 Env. Policy: Policy & Climate
 ENVS 3001-785/786 Sustainable Solutions Consult.
 (contact Baker RAP to enroll)
 ENVS 3621 Energy Policy and Society
 ENVS 4800 Environmental Health Risk
 GEOG 3053 Cartography: Visualization & Info
 Design
 GEOG 4093 Remote Sensing of the Env.
 GEOG 4103 Intro to Geog. Info. Science

TRACK B: ENVIRONMENTAL SCIENCE**Required Courses**

i. EBIO 2040	Principles of Ecology + lab
CVEN 3434	Intro to Applied Ecology
GEOG 3601/	Principles of Climate
ii. GEOG 3511	Intro to Hydrology + lab
iii. Field Requirements	
EBIO 4100	Mountain Research Station: Winter Ecology (see http Winter Field Ecology: http://culter.colorado.edu/~kittel/WinterEcology.html)
EVEN 4100	Environmental Sampling and Analysis
GEOL 2700	Intro to Field Geology

Specializations**WATER**

EBIO 4030	Limnology
GEOG 4120	Special Topics in Geography: Earth's Critical Zone
GEOG 4321	Snow Hydrology
GEOG 4501	Water Resources: Mgt of the US West
GEOL 4241	Principles of Geomorphology
GEOL 4060	Oceanography

BIOGEOCHEMISTRY

EBIO 3270	Ecosystem Ecology
EBIO 4150	Techniques in Ecology: Microbial Biogeochemistry
EBIO 4800	Land Use Sustainability
EBIO 4800	Ecosystem Management
GEOG 4120	Special Topics in Geography: Earth's Critical Zone
GEOL 3040	Global Change: Recent Geologic Record
GEOL 3320	Geochemistry
GEOL 4060	Oceanography
GEOL 4241	Principles of Geomorphology + lab
GEOL 4060	Oceanography
GEOL/ENVS 3520	Environmental Issues in Geosciences

CLIMATE

ATOC 3500	Air Chemistry & Pollution
ATOC 4720	Atmospheric Dynamics
ATOC 4800	Implications of Climate Controversies
GEOL 3040	Global Change: Recent Geological Record
GEOL/ENVS 3520	Environmental Issues in Geosciences
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