

ENVIRONMENTAL SCIENCE & STUDIES ENV (14.5/15-18cr)

Co-Directors: David McCullough & Bret Billet (with an environmental science and studies advisory committee)

Common Core Courses: (8cr)

ENV100 Explorations in Environmental Science and Studies (1st or 2nd year; .5cr)

BI204 Conservation of Natural Resources (BI117 or BI151)

CH113 Principles of Chemistry I

EC117 Principles of Macroeconomics

ID305, 306, 307, 345 (if syllabus suggest appropriateness), or 360

MA214 Statistical Methods or PS321/SO321/PSY321 Research Methods and Data Analysis for the Behavioral Sciences

PS290 Environmental Politics

SO350 Environmental Sociology (SO 101 or approval of instructor)

ENV460 Perspectives in Environmental Science and Studies (Capstone, .5cr)

Students may only declare one track to complete the major

Due to significant overlapping of courses, students may not declare a double major with Biology and ENV

Track 1: Environmental Science

Core Courses: (9cr)

BI151 Ecosystems, Cells and Evolution

BI152 Phylogeny, Structure and Function

BI209 Ecology

BI211 Genetics

BI455 Methods of Biological Research (.5)

BI456 Student Originated Research (.5)

CH114 Principles of Chemistry II

CH190 Environmental Chemistry (CH113)

CH217 Analytical Chemistry *OR* CH205 Introductory Organic Chemistry

EC118 Principles of Microeconomic *OR* EC418/BA418 Sustainable Economics and Finance (EC117) *OR* EC295 Special Topics

One field biology course from:

BI206, 216 Ecology of Guyana and Trinidad I, II

BI207 Vertebrate Ecology of the Prairie

BI208 Island Ecology

BI295 Special Topics (when a field course. E.g. New Zealand Ecology)

BI315 Ornithology

BI320 Aquatic Biology

BI325 Behavior Ecology

Track 2: Environmental Studies

Core Courses: (2.5-3cr)

BI117 Environmental Biology

EC418/BA418 Sustainable Economics and Finance (EC117)

ENV320 Internship (.5-1cr)

One Elective from:

PH206 Ethics

RE350 Christian Ethics (RE 101)

One Elective from:

PS101 Introduction to American Politics

PS207 State and Local Government

PS209 State and Local Government: Denver

PS310 Policy Formulation, Administration, and Analysis

One Elective from:

BI206, 216 Ecology of Guyana and Trinidad I, II

BI208 Island Ecology

CH190 Environmental Chemistry (CH113)

PHY120/BI120 Science of Water

PHY132 Earth Science

One Elective from:

HI1305 The Western Frontier

PS309 Constitutional Law

SO270 Social Problems

SO302 Communities (SO101)

SO402 Global Communities (SO101)

SW201 Human Behavior and the Social Environment

RE355 Ethics in Economic Life (RE101)

By completing the Environmental Science and Studies major, students have met the requirements for OCAC/ILAC