

THE PROGRAM IN ENVIRONMENTAL STUDIES

The program in Environmental Studies provides a diverse interdisciplinary undergraduate major for students in graduate programs in Environmental Studies or Environmental Sciences. Because the major includes significant work in two divisions, students majoring in Environmental Studies are not required to take a concentration. The major may be supplemented by a series of optional foci which provide more flexibility to the student in the pursuit of career goals which do not include graduate studies in Environmental Studies or Environmental Sciences.

The major includes BI 190 (Ecology) or NE 320 (Northern Ecosystems), BI 311 (Ecosystems Analysis), BI 411 (Seminar in Ecology), CH 103 (Fundamentals of Chemistry I), CH 104 (Fundamentals of Chemistry II), EC 155 (Micro Economics), EC 365 (Environmental Economics) or EC 394 (Resource Economics) or NE 360 (Political Economy of Resource Management), GG 310 (Techniques of Environmental Analysis), GG 250 (Physical Earth Processes), MA 213 (Programming I) or MA 103 (Introduction to Computers), MA 112 (Mathematical Analysis I), and PS 200 (Theories and Methods of Political Analysis) of NE 152 (Public Policy in the Circumpolar North) or NE 370 (Northern Policy Studies) or PA 190 (Ethics and the Environment) or PS 104 (Introduction to American Political Processes.)

Optional foci include:

BIOLOGY	CHEMISTRY	COMPUTERS	ECONOMICS
BI 125	CH 241	MA 113	EC 210
BI 201	CH 242	MA 213	EC 355
or	CH 351	or	EC 365
BI 202	CH 412	MA 200	EC 470
or	or	MA 214	
BI 203	CH 431	MA 315	
or		or	

BIOLOGY

BI 230
BI 250
BI 216

or

BI 302

GEOGRAPHY

GG 211

or

GG 212

or

GG 215

GG 320

GG 330

GG 411

GG 450

COMPUTERS

MA 310,
311

PHYSICS

PH 109

PH 110

PH 201

PH 202

PH 212

Senior Research is also possible under ES 500 (independent studies) and ES 700 (senior thesis). Those participating in the ES 700 course will be expected to make public presentations of their research and defend their theses before a committee including members of at least three departments participating in the major.

A student majoring in Environmental Studies and taking the courses of the biology focus will be eligible for certification as an ecologist by the Ecology Society of America if the student completes one semester of senior work and one year of professional work after graduation.

Students matriculating between September 1982 and September 1984 should work out their programs with the Director of the Environmental Studies Program.

ES 500 Independent Study
Fall, Winter, Spring

ES 700 Senior Thesis
Fall, Winter, Spring