

Quantitative Sciences Major Checklist: Environmental Studies

Name: _____

ID #: _____

Academic Advisor: _____

Date: _____

Core Courses

Required for all QSS majors in the ENVS track

Course number & title			Semester & Year	Grade	Credits
MATH	111†	Calculus I		X	3
MATH	221†	Linear Algebra		X	X
QTM	110	Introduction to Scientific Methods			3
MATH	210	Advanced Calculus for Data Sciences			4
QTM	150	Intro to Statistical Computing I			1
QTM	151	Intro to Statistical Computing II			1
QTM	210	Probability & Statistics			4
QTM	220	Regression Analysis			4
ENVS	120 or 130 or 140				3
ENVS	131	Intro to ENVS Field Studies			2

† MATH 111 and MATH 221 do not count towards major GPA; MATH 111 counts towards 50 cr. requirement; MATH 221 does not count towards 50 cr. requirement

Elective Courses

QTM electives include 300- and 400-level lecture and seminar style classes

QTM 398R, 496R, 498R, and 499R are not considered upper-level electives

See next page for ENVS intermediate breadth course designations

Course number & title			Semester & Year	Grade	Credits
QTM					
QTM					
QTM					
ENVS		Ecology & Conservation designated course			
ENVS		Earth and Atmospheric Sciences designated course			
ENVS		Social Science & Policy designated course			
ENVS	300-400				
ENVS	300-400				

Additional QTM/ENVS electives may be necessary to achieve 50 credit hours

Expected Graduation:

Semester & Year

Total credit hours completed:

*124 academic credit hours + 2 PE + HLTH100
needed for graduation*

Credits toward QSS:

50 needed to earn degree



Department of Quantitative
Theory and Methods

Quantitative Sciences Major Checklist: Environmental Studies

For convenience, a list of ENVS courses grouped by key designation area is provided below. Always consult the [Environmental Sciences Department website](#) for the most up-to-date course designation information.

Ecology & Conservation Designated Courses

ENVS 232 Fundamentals of Ecology w/Lab ENVS 247 Ecology
ENVS 240 Ecosystem Ecology

Earth & Atmospheric Sciences Designated Courses

ENVS 222 Evolution of the Earth w/Lab ENVS 235 Environmental Geology
ENVS 229 Atmospheric Science w/Lab ENVS 239 Physical Oceanography
ENVS 230 Introductory Geoscience w/Lab

Social Science & Policy Designated Courses

ENVS 224 Economy and the Environment ENVS 227 Environmental Policy
ENVS 225 Institutions and the Environment