

Environmental Science at Queens University of Charlotte



Major Description

An Environmental Science degree consists of core courses in Environmental Science, Biology, Chemistry, and Political Science, complemented by electives in these disciplines plus Communication, Economics, and others. Scientific theory is blended with applied and technical training. Students graduating with this degree are well prepared for either graduate-level study or environmental careers.

Key Features

The world is our laboratory! From city landscapes to tropical islands, students learn in small classes and conduct independent research with award-winning faculty. We are dedicated to active learning and field-based instruction. Students will learn to apply their experience and new skills in real-world settings, preparing them for successful careers.

Requirements for the Major

Environmental Science Core: 40 credits

Credits	Course	Course Name
4	ENVR 101	Intro to Env. Science
4	ENVR 102	Intro to Geology
4	ENVR 220	Data Analysis for Natural Sciences
3	ENVR 300	Research Methods
3	ENVR 301	GIS
1	ENVR 460	Env. Science Seminar
2	ENVR 490	Senior Thesis
4	BIOL 208	Principles of Biology I
4	BIOL 304	Ecology
4	BIOL 311	Botany
4	MATH 121	Calculus I
3	POLS 340	Environmental Politics

Environmental Science Electives: (9-10 credits)

Credits	Course	Course Name
4	ENVR 201	Physical Geography
3	ENVR 202	Conservation Biology
3	ENVR 203	Tropical Island Systems
3	ENVR 250	Topics in Env. Science
4	ENVR 302	Soil and Water Science
1-3	ENVR 450	Independent Study in Envr. Science

Physical Sciences Concentration III: 16 credits

Credits	Course	Course Name
4	PHYS 101	General Physics I
4	PHYS 102	General Physics II
4	CHEM 111	Chemistry Principles I
4	CHEM 112	Chemistry Principles II

General Electives: (6 - 8 credits)

Credits	Course	Course Name
3	ENVR 320	Environmental Economics
3	ENVR 325	Environmental Philosophy
4	BIOL 307	Intro to Microbiology
4	BIOL 309	Marine Biology
4	BIOL 320	Zoology
4	BIOL 330	Field Studies in Biology
4	BIOL 402	Genetics
4	CHEM 303	Organic Chemistry I
4	CHEM 304	Organic Chemistry II
4	CHEM 305	Quantitative Analysis
4	CHEM 307	Instrument Analysis
4	CHEM 308	Physical Chemistry
4	CHEM 403	Biochemistry I
4	CHEM 404	Biochemistry II
3	ECON 203	Principles of Macroeconomics
3	ECON 204	Principles of Microeconomics
3	PHIL 204	Introductory Logic
3	INTS 220	Models of International Studies
3	COMM 200	Public Speaking
3	SOCI 425	Urban Sociology

Interested in Environmental Science?

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http://www.queens.edu/undergraduate/environmental_science/index.asp