

Major in Environmental Science

58 units required

There are 3 submajors (tracks) for this major. Each student is required to focus on one of these tracks and enroll in courses to obtain a total of 58 units. Each student must take the core courses, a total of 25 units from their track, 6 'breadth units from each of the other 2 tracks, and 3 units of experiential learning (undergraduate research, internships, and/or travel study).

Core course requirements:

Department	Course #	Course Title	Units
ENVSCI	200	Introduction to Environmental Science	4
GEOG	252	Human Environmental Problems--- <u>OR</u>	3
HIST	190	North American Environmental History	3
CHEM	102	Introduction to Chemistry	5
ENG	372	Technical & Scientific Writing (Env. Sci. Focus)	3
ENVSCI	400	Environmental Science Capstone Course	3
TOTAL			18

Submajor (track) requirements:

Natural Science	Geosciences	Env. Resource Management
Biol 141-----5 units	Geog 210-----5 units	Safety 420-----3 units
Biol 142-----5 units	Geol 301-----3 units	Safety/Fnbslw 440-----3 units
15 units from Approved List	15 units from Approved List	Econ 471-----3 units
≥ 9 units @ 300-400 level	≥ 9 units @ 300-400 level	15 units from Approved List
6 units from Geosciences course list	6 units from Geosciences course list	≥ 9 units @ 300-400 level
6 units from Env. Res. course list	6 units from Env. Res. course list	6 units from Geosciences course list
3 units from Experiential Learning	3 units from Experiential Learning	6 units from Env. Res. course list
Internships, travel study,	Internships, travel study,	3 units from Experiential Learning
Undergraduate research	Undergraduate research	Internships, travel study,
		Undergraduate research
40 Units	40 Units	40 Units

Approved Elective Course List by Submajor (track)

Natural Science	Geosciences	Env. Resource Management
BIOLOGY 141-General Biology I	GEOG-210 Physical Geography	SAFETY 420- Principles of Environmental Management
BIOLOGY 142-General Biology II	GEOLOGY 301-Environmental Geology	SAFETY/FNBSLW 453- Fundamentals of Environmental Law
CHEM 104-Introductory Chemistry II	CHEM 104-Introductory Chemistry II	SAFETY 489- Hazardous Materials Management
CHEM 251- Organic Chemistry	PHYSCS 130- Physics Foundations	SAFETY 493- Air Pollution Evaluation & Control
PHYSCS 130- Physics Foundations	GEOGRPY 120- Intro. To Weather & Climate (Online)	SAFETY/MANGEMNT 496- Sustainable Businesses in the Caribbean
BIOLOGY 251- Introduction to Genetics	GEOGRPY 290- Spatial Analysis	FNBSLW 440- Water Law
BIOLOGY 257- Introduction to Ecology	GEOGRPY 300- Soil Science	ACCOUNT 490- Environmental and Sustainability Accounting
BIOLOGY 258- Field Experience	GEOGRPY 310- Geomorphology	ECON 471- Natural Resource and Environmental Economics
BIOLOGY 353- Plant Taxonomy	GEOGRPY 320- Meteorology and Climate	ENG 260- American Environmental Literature
BIOLOGY 370- Aquatic Biology	GEOGRAPY 323- Water Resources	ENG 472- Nature Writing
BIOLOGY 442- Environmental Toxicology	GEOGRAPY 330- Biogeography	POLSCI 343- U.S. Environmental Politics and Policy
BIOLOGY 450- Entomology	GEOGRAPY 352- Geohazards	PHILSPHY 248- Environmental Ethics
BIOLOGY 451- Nat. History of Yellowstone NP & Upper Great Plains	GEOGRAPY 377- Remote Sensing of the Environment	SOCIOLOGY 321- Sociology of Natural Disasters
BIOLOGY 457- General Ecology	GEOGRAPY 420- Human Climate Interactions	SOCIOLOGY 319- Introduction to Environmental Sociology
BIOLOGY 491- Travel Study to the OuterBank	GEOGRAPY 423- Rivers and Floods	GEOGRAPY 420- Human Climate Interactions
BIOLOGY 493-Internships	GEOGRAPY 450- Advanced Methods in Physical Geography	GEOGRAPY 452- Cultural Ecology and Sustainable Development
	GEOGRAPY 470- Applied Environmental and Natural Resource GIS	WMSTUDIES- 481- Gender, Ethnicity, and the Environment
	GEOLOGY 204- Earth and Life History	
	GEOLOGY 300- Oceanography	
	GEOLOGY 310- Rocks and Minerals	
	GEOLOGY 317- Paleontology	
	GEOLOGY 352- Geohazards	
	GEOLOGY 451- Nat.History of Yellowstone NP & Upper Great Plains	
	GEOLOGY 492- Field Studies in Geology	