

MINOR IN ENVIRONMENTAL SCIENCE (5 Courses)

The minor in Environmental Science provides undergraduate students with a structured program highlighting the interdisciplinary study of the environment with an emphasis on scientific methods. Students are required to complete one course in introductory concepts, one data analysis/methods course, one laboratory course, one policy-related course, and one science-related course.

Notes:

- *Courses in the minor may also be used to fulfill General Education (Gen. Ed.) requirements (see notation following course title). Depending on a student's major some Gen. Eds. may already be fulfilled.*
- *A minimum of three (3) course-credits (12 semester hours) in the minor must be completed at Framingham State University to meet the residency requirement.*

Choose one (1) from the following:

_____	EASC 201	Principles of Earth System Science
_____	ENVS 101	Introduction to Environmental Science and Policy

Choose one (1) from the following:

_____	ENVS 202	Data Analysis for Scientists
_____	ENVS 333	Digital Field Methods: Drones, Data and AI
_____	GEOG 111	Visualizing Social and Environmental Justice (Gen. Ed. II-A)
_____	GEOG 216	Introduction to Geographic Information Systems
_____	GEOG 300	Geospatial Applications Using Python

Choose one (1) from the following:

_____	BIOL 203	Plants and Society
_____	BIOL 248/248L	Principles of Ecology with Lab
_____	BIOL 251/251L	Vascular Plant Taxonomy with Lab
_____	BIOL 321/321L	Limnology with Lab
_____	ENVS 300/300L	Environmental Field Methods with Lab
_____	GEOG 108/108L	Physical Geology with Lab (Gen Ed. II-B)
	<u>or</u> GEOL208/208L	Principles of Physical Geology

Choose one (1) from the following:

_____	ASTR 128	Solar System Astronomy (Gen. Ed. II-B)
_____	ASTR 230	Stars and Galaxies (Gen. Ed. II-B)
_____	EASC 108	Understanding the Weather: Introduction to Meteorology (Gen. Ed. II-B)
	<u>or</u> EASC 208	Principles of Meteorology

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_____	EASC 118	Our Blue Planet: An Introduction to Oceanography (Gen. Ed. II-B)
_____	<i>or</i> EASC 208	Principles of Oceanography
_____	EASC 296	On Thin Ice: Climate Change and the Cryosphere
_____	EASC 308	Climatology and the Future of Human Society
_____	GEOL 233	Environmental Geology

Choose one (1) from the following:

_____	ECON 333	Environmental Economics
_____	ENGL 311	Writing about Science
_____	ENVS 218	Energy Science and Policy: The Pursuit of Sustainability
_____	ENVS 246	Sustainability and Social Justice
_____	ENVS 272	Global Environmental Issues
_____	GEOG 235	Environmental Law and Policy
_____	GEOG 375	Sustainable Management of Natural Resources