

Department of Biology and Earth Science Otterbein University

Minors

Biology Minor

Total hours required for this minor: 20

Course Requirements (all courses required)

- BIO 1010 - Introduction to Molecular and Cell Biology (4)
- BIO 1020 - Introduction to Organisms and Ecology (4)
- BIO 2010 - Genetics (4)
- BIO 2020 - Ecology (4)
- BIO 2030 - Cell Biology (4)

Earth Science Minor

Total hours required for this minor: 20

Electives (20 hrs required; can be any ESCI courses)

ESCI 1001 - 4999 20 hrs

Sustainability Studies Minor

Total hours required for this minor: 16

Select a minimum of 15 hours from the courses listed below, ESCI 1001 is required for all students.

Students must choose 2 classes from the listed Core Classes, 6 hours must be at the 3000 level.

ESCI 1001 Intro to Environmental Science ^a (4), Required.

Core Classes; choose 2 from the list below.

- ENGL 3000 Studies in Environmental Literature (3)
- ESCI 3000 Environmental Geology (4)
- EQSC 3300 Facility Design (3)
- HIST 3580 Environmental History (3)

- PHIL 2400 Environmental Philosophy (3)
- POLS 3280 Environmental Political Theory (3)
- SOCL 2060 Environmental Sociology (3)
- SUST 3001 Environmental Issues and Regulations (3)

Electives

- COMM 2400 Argumentation and Advocacy (3)
- ECON 2100 Microeconomics (3)
- ECON 2200 Macroeconomics (3)
- ECON 4250 Environmental Economics ^a (3)
- ESCI 3100 Hydrology (4)
- INST 2407 Garbage and Other Wastes (3)

- INST 3000 Dams (3)
- POLS 2250 Judicial Process (3)
- SOCL 3040 Global Social Change (3)
- SUST 2010 Intro to Geographic Information Systems
- SUST 2750 Energy Resources (3)
- SUST 2800 Special topics (1-4)

^a Course also counts toward INST requirements.