

# 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 <sup>a</sup> (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 <sup>a</sup> (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)



<sup>a</sup> Course also counts toward INST requirements.