

# SIMPSON COLLEGE

# ENVIRONMENTAL

# SCIENCE

## ENVIRONMENTAL SCIENCE MAJOR

### COURSE REQUIREMENTS:

#### Core: Biol 103 Environmental Issues w/lab

- Biol 110 Principles of Biology I w/lab
- Biol 111 Principles of Biology II w/lab
- Biol 145 Introductory Plant Biology w/lab
- Biol 253 Principles of Ecology w/lab

#### Ecological – Organismal Emphasis (Choose at least 2 courses)

- Biol 245 General Entomology w/lab
- Biol 251 Microbiology w/lab
- Biol 275 Behavioral Ecology w/lab
- Biol 350 Mammalogy w/lab
- Biol 358 Freshwater Ecology w/lab
- Biol 390 Special Topics

#### Social, Ethical, Policy, Historical Environmental Sciences (Choose at least one) \*\*

- Biol 240 Conservation Law
- Econ 210 Environmental Economics\*
- Hist 261 American Environmental History
- Soc 350 Environmental Sociology
- PoSc 370 Public Policy Topics

*\*Prerequisite of Economics 100*

*\*\*Appropriate May Term courses, Special Topics courses, or new courses offered by other departments in the future may satisfy this requirement as approved by the department.*

#### Chemistry (Choose at least one)

- Chem 101 Bonds & Structure I w/lab
- Chem 155 Environmental Chemistry w/lab

#### Choose one course from the following for one additional Science Class:

- Math courses above 130
- CIS 145
- Physics 151
- Physics 191
- Chemistry 101
- Chem 155
- NaSc 102
- Biol 135

#### Capstone

- Biol 372 Capstone Experience In Environmental Science

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## ENVIRONMENTAL SCIENCE MINOR

### COURSE REQUIREMENTS:

#### Required:

- Biol 103 Environmental Issues w/lab
- Biol 253 Principles of Ecology w/lab

#### Choose one of the following courses:

- Biol 110 Principles of Biology I w/lab
- Biol 111 Principles of Biology II w/lab

#### Choose one of the following courses:

- NaSc 102 Meteorology
- Biol 145 Introductory Plant Biology w/lab

#### Ecological-Organismal Emphasis (Choose at least one)

- Biol 245 General Entomology w/lab
- Biol 251 Microbiology w/lab
- Biol 275 Behavioral Ecology w/lab
- Biol 350 Mammalogy w/lab
- Biol 358 Freshwater Ecology w/lab
- Biol 290 Special Topics
- Biol 390 Special Topics

#### Highly Recommended:

- For graduate school: statistics/calculus