

# Environmental Science

## Program

Environmental Science

## Degree Type

Associate in Science

The Associate in Science degree in Environmental Science allows students to pursue a diverse course of study by taking general courses in science and math, along with specific courses in environmental science and environmental resources. This degree offers an excellent opportunity for students wishing to transfer to a baccalaureate degree program or for those wishing to pursue a broad educational experience with a strong background in environmental issues.

## First Year, Fall Semester

| Course Number     | Title  | Lecture | Lab | Credits |
|-------------------|--|---------|-----|---------|
| BIOL111W          | Biology  | 3       | 3   | 4       |
| ENGL120W          | College Composition  | 4       | 0   | 4       |
| FRST101W          | Dendrology and Introduction to Tree and Shrub Identification | 3       | 2   | 4       |
| GIS112W           | Introduction to Geographic Information Systems               | 2       | 2   | 3       |
| Sub-Total Credits |  | 12      | 7   | 15      |

## First Year, Spring Semester

| Course Number     | Title                                 | Lecture | Lab | Credits |
|-------------------|---------------------------------------|---------|-----|---------|
| CHEM111W          | Chemistry                             | 3       | 2   | 4       |
| ENGL235W          | Advanced Research Writing             | 4       | 0   | 4       |
| ENVS110W          | Introduction to Environmental Science | 3       | 2   | 4       |
| FRST205W          | Forestry Resources                    | 3       | 2   | 4       |
| MATH214W          | Statistics                            | 4       | 0   | 4       |
| Sub-Total Credits |                                       | 17      | 6   | 20      |

## Second Year, Fall Semester

| Course Number     | Title                                       | Lecture | Lab | Credits |
|-------------------|---|---------|-----|---------|
| CHEM113W          | Environmental Sampling and Analysis         | 3       | 2   | 4       |
| ENVS205W          | Conservation Biology                        | 3       | 2   | 4       |
| GIS211W           | Geographic Information Systems Applications | 2       | 2   | 3       |
| HUMA120W          | Environmental Issues                        | 3       | 0   | 3       |
| MATH180W          | Pre-Calculus                                | 4       | 0   | 4       |
| Sub-Total Credits |   | 15      | 6   | 18      |

## Second Year, Spring Semester

| Course Number | Title                                | Lecture   | Lab      | Credits   |
|---------------|--------------------------------------|-----------|----------|-----------|
| ENVS202W      | Water Resources and Hydrology        | 3         | 2        | 4         |
| ENVS210W      | Environmental Project                | 1         | 4        | 3         |
| GEOL112W      | Geology and Soils                    | 3         | 2        | 4         |
|               | Choose one of the following courses: | 3         | 0        | 3         |
|               | <b>Sub-Total Credits</b>             | <b>10</b> | <b>8</b> | <b>14</b> |
|               | <b>Total Credits</b>                 |           |          | <b>67</b> |