



## ENVIRONMENTAL SCIENCE CONCENTRATION

### Associate of Science

#### JOB OPPORTUNITIES FOR GRADUATES

Environmental scientists and specialists work to protect the environment and human health. They may work for environmental consulting firms, private industries, local governments or health departments, state or federal environmental protection agencies or municipal water treatment plants. Occupational safety and health is a closely related field with numerous job opportunities in the local area.

Graduates with the concentration are qualified to work as environmental technicians for local environmental firms or in the public sector (for example, the City of Toledo Dept. of Environmental Services or a municipal water treatment facility). Addition of OSHA safety electives will qualify graduates to work as safety and health technicians in local industries.

Students who continue their education and earn a bachelor's degree may work as environmental scientists or specialists for environmental firms, private industry or the state or federal EPA.

#### SALARY

Median pay for Environmental Science Technician (Associate's degree) - \$46,850/year

Median pay for Environmental Engineering Technologist (Associate's degree) - \$51,630/year

The overall job outlook is good, with 3-7 percent job growth per year.

Source: *bls.gov*

#### LOCATION

Toledo-area Campus

#### REQUIRED COURSES

##### 1ST SEMESTER

|          |                                  |                    |
|----------|----------------------------------|--------------------|
| ENG 111  | Composition I *                  | Credits: 3(Lec: 3) |
| or       |                                  |                    |
| ENG 111P | Composition I Plus *             | Credits: 4(Lec: 4) |
| _____    | Speech Elective                  | Credits: 3(Lec: 3) |
| MTH 170  | College Algebra *                | Credits: 4(Lec: 4) |
| ENV 101  | Intro to Environmental Science * | Credits: 3(Lec: 3) |
| ENV 102  | Lab Intro to Environmental Sci * | Credits: 1(Lab: 3) |
| _____    | Elective                         | Credits: 3(Lec: 3) |

Select any combination of Elective courses excluding developmental education courses.

##### 2ND SEMESTER

|         |                             |                           |
|---------|-----------------------------|---------------------------|
| ENG 112 | Composition II *            | Credits: 3(Lec: 3)        |
| or      |                             |                           |
| HON 201 | Interpretations Seminar *   | Credits: 3(Lec: 3)        |
| MTH 213 | Introductory Statistics *   | Credits: 3(Lec: 3)        |
| _____   | Art and Humanities Elective | Credits: 3(Lec: 3)        |
| ENV 232 | Environmental Laws and Regs | Credits: 3(Lec: 3)        |
| CHM 121 | General Chemistry I *       | Credits: 5(Lec: 4 Lab: 3) |
| or      |                             |                           |
| BIO 201 | General Biology I *         | Credits: 5(Lec: 4 Lab: 3) |

##### 3RD SEMESTER

|         |                                       |  |
|---------|---------------------------------------|--|
| ENV 124 | Environmental Sampling Methods        | Credits: 4(Lec: 3 Lab: 3)                |
| _____   | Elective                              | Credits: 3(Lec: 3)                       |
| _____   | Social & Behavioral Sciences Elective | Credits: 3(Lec: 3)                       |
| _____   | Art and Humanities Elective           | Credits: 3(Lec: 3)                       |
| _____   | Science Elective                      | Credits: 3 to 4(Lec: 3 to 4 Lab: 0 to 3) |
| or      |                                       |  |
| BIO 203 | Introduction to Ecology               | Credits: 3(Lec: 3)                       |

##### 4TH SEMESTER

|         |                                       |                           |
|---------|---------------------------------------|---------------------------|
| ENV 236 | Water Quality                         | Credits: 4(Lec: 3 Lab: 3) |
| _____   | Social & Behavioral Sciences Elective | Credits: 3(Lec: 3)        |
| _____   | Elective                              | Credits: 3(Lec: 3)        |
| _____   | Elective                              | Credits: 3(Lec: 3)        |

Select any combination of Elective courses excluding developmental education courses.

\*Ohio Transfer Module Course. More information about the Ohio Transfer Module Course can be found at [www.ohiohighered.org/transfer/transfermodule](http://www.ohiohighered.org/transfer/transfermodule)

OWENS.EDU

#### Office of Admissions

Toledo-area Campus - (567) 661-7777  
Findlay-area Campus - (567) 429-3509

School of Science, Technology, Engineering  
and Mathematics  
(567) 661-7451



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