

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 Technicians (Associate Degree) was \$20.29/hr in 2014 (bls.gov)

Median pay for Environmental Scientists (Bachelor's Degree) was \$66,250/year in 2014 (bls.gov)

Overall job outlook is good, with 7-11% job growth per year (bls.gov)

<http://www.bls.gov/ooh/life-physical-and-social-science/environmental-scientists-and-specialists.htm#tab-1>

LOCATION

Toledo-area Campus

REQUIRED COURSES

1ST SEMESTER

ENG 111	Composition I*	Credits: 3(Lec: 3)
_____	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 Science*	Credits: 1(Lab: 3)
_____	Elective**	Credits: 3(Lec: 3)



2ND SEMESTER

ENG 112	Composition II*	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 and 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 and Behavioral Sciences Elective	Credits: 3(Lec: 3)
_____	Elective**	Credits: 3(Lec: 3)
_____	Elective**	Credits: 3(Lec: 3)

*Ohio Transfer Module Course

More information about the Ohio Transfer Module Course can be found at www.ohiohighered.org/transfer/transfermodule

**Select any combination of Elective courses excluding developmental education courses.

For more information, visit www.owens.edu or call:

Office of Admissions

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

School of Science, Technology, Engineering and Mathematics

(567) 661-7457



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