

ENVIRONMENTAL STUDIES

Credentials

Environmental Science Technician certificate	31 cr.
Environmental Studies AAS degree	60 cr.

Major Description

With more focus on “green” energy, technology and sustainability, Schoolcraft’s environmental studies program prepares students for entry into this fast-growing field. Through the study of the environment, related sciences, communication and geographic information systems, students can pursue either an environmental science technician certificate or an associate in applied science degree. Students can also complete a spring co-op experience in the final semester of the certificate and degree program to apply the knowledge and skills learned at Schoolcraft in a real-world situation.

Environmental Science Technician Certificate

Schoolcraft program code # 1YC.00276

Environmental science technicians provide technical assistance to engineers and scientists by performing tasks such as sample collection, laboratory tests, monitoring and data management. The environmental science technician applies scientific and technical skills and knowledge to specific tasks. Technicians have strong written and oral communication skills, computer skills and practical hands on training in the field and laboratory. Technicians can problem solve quickly and apply their classroom knowledge to real world situations. The environmental science technician program provides students with the necessary background to be successful technicians. Upon completion of this certificate program, it is highly recommended that students complete the 40 hour Hazardous Waste Operations and Emergency Response (Hazwoper) training from any certified location.

Students who satisfactorily complete the program requirements qualify for a certificate of program completion.

SAMPLE SCHEDULE OF COURSES
First Year—Fall Semester
First Year—Winter Semester

GEOG 135	Earth Systems	4	ENVR 107	Soil Mechanics	4
MATH 113	Intermediate Algebra for College Students	4	ENVR 206	Environmental Law	3
GEOG 225	Introduction to Geographic Information Systems—GIS	4	GEOG 212	Environmental Science	3
	Total Credits	12	GEOG 217	Water Resources	3
			ENVR 235	Geographic Methods Applied to Environmental Problems	3
				Total Credits	16

First Year—Spring/Summer Session

ENVR 232	Environmental Field Experience	3
	Total Credits	3

Not all courses are offered each semester. Students should work with an academic advisor or counselor to develop a schedule that will work for them.

Students planning to transfer should check the transfer institution’s requirements/guides or discuss their options with an academic advisor or counselor. Number of credits may vary depending on the course selection.



It is the policy of Schoolcraft college that no person shall, on the basis of race, religion, color, gender, age, marital status, disability, sexual orientation, and/or national origin, be subjected to discrimination during or be excluded from participating in or be denied the benefits of any program or activity or in employment.

