

Environmental Science

Achieving sustainable development requires an appreciation of the value of natural resources and the environment, and the development of the knowledge base and skills required for effective management. A firm grounding in these skills, knowledge and attitudes is provided through a study of Environmental Science.

The Environmental Science Program is an interdisciplinary and multidisciplinary course of study that presents an overview of ecological issues (such as pollution, water resource management and greenhouse gases) from a scientific perspective. With a broad foundation across the natural sciences, the course examines the interrelated nature of environmental and social systems. That is, the study of how living systems, especially human beings interact with one another and impact the Earth. This program is designed to equip students with the skills and tools to successfully use the scientific method while studying and solving environmental problems.

Department: Art and Environmental Science

Type: Associate of Science

Year I: Semester I

Item #	Title	Credits
MATH 1001	College Mathematics	3
BIOL 1001	College Biology	4
CHEM 1001	Fundamentals of Chemistry	4
AGRI 1103	Farm Skills I	2
AGRI 1102	Introduction to Agriculture	2
EDUC 1001	Student Success and Development	1

Year I: Semester II

Item #	Title	Credits
COMM 1001	College English	3
AGRI 1202	Farm Skills II	2
COMP 1002	Computer Essentials	2
ECOL 1201	Fundamentals of Ecology	4
GEOG 1001	Geography	3
EDUC 1002	Physical Development	1

Year I Semester III

Item #	Title	Credits
ENVR 1301	Environmental Science Internship	3

Year II: Semester I

Item #	Title	Credits
ENVR 2101	Environmental Science Techniques	4
ENVR 2102	Introduction to Environmental Science	3
EDUC 2001	Introduction to Research Methods	2
AGRI 1203	Soil and Water Management	3
AGRI 2102	Climate Change and the Environment	3
AGRI 2207	Agroforestry	3

Year II: Semester II

Item #	Title	Credits
COMM 2001	Extension and Communication	3
EDUC 2201	Directed Study	3
AGBU 2101	Principles of Agriculture Economics, Finance & Marketing	3
MARN 2103	Marine Conservation and Management	3
	Environmental Science Elective	2
	Total credits:	66