

AS Environmental Science

A vast number of career opportunities exist for graduates of environmental studies programs including: Agriculture and natural resource engineers, Animal and Planet Scientists, Geoscientists, Marine Biologists, Oceanographers and Marine Scientists, Conservationists, Environmental Compliance Inspectors, Environmental Health Specialists, Environmental Technicians, Fish and Game Wardens, Wildlife Managers, Forestry Management specialists, Horticulturalists, Hydrology scientists and technicians, Park Naturalists, Soil Conservationists, Waste Management Specialists, City Planners, and finally, Zoologists and Zookeepers. In addition to the career options listed above, graduates in environmental science will also find work in business and industry areas not traditionally associated with the environment as the local, national, and global economy adapts the business as usual model to one that includes sustainable practices.

SEMESTER 1 - FALL

Courses	Units	Prerequisites/Strongly Recommended	Semesters Offered
MATH 39 (Trigonometry)	4	MATH 55 or 55B or 55Y (Pre-Requisite)	Fall, Spring & Summer
ENG 1A (Critical Reading and Composition)	3	ENG 104 or ENG 105 with a "Pass" or ESL 25 or equiv course or appropriate skill level demonstrated through the Eng assessment process (Pre-Requisite)	Fall, Spring & Summer
GEOL 1 (Physical Geology)	3		Fall & Spring
GEOL 1L (Physical Geology Laboratory)	1	GEOL 1 or GEOL 5 or GEOL 7 (Pre-Requisite or Co-Requisite)	Fall & Spring
ECON 1 (Principals of Microeconomics)	3	Math 55 or 55B or 55Y (Pre-Requisite) ENG 1A (Strongly Recommended)	Fall, Spring & Summer
SEMESTER TOTAL	14		

SEMESTER 2 - SPRING

Courses	Units	Prerequisites/Strongly Recommended	Semesters Offered
MATH 20 (Pre-Calculus Mathematics)	5	MATH 39 (Pre-Requisite)	Fall, Spring & Summer
CHEM 31 (Introduction to College Chemistry)	4	Math 55 or 55B or 55Y (Pre-Requisite)	Fall, Spring & Summer
General Education Course (Humanities and American Cultures)	3		Fall, Spring & Summer
SEMESTER TOTAL	12		

SEMESTER 3 - SUMMER

Courses	Units	Prerequisites/Strongly Recommended	Semesters Offered
MATH 1 (Calculus I)	5	MATH 20 (Pre-Requisite)	Fall, Spring & Summer
SEMESTER TOTAL	5		

SEMESTER 4 - FALL

Courses	Units	Prerequisites/Strongly Recommended	Semesters Offered
MATH 2 (Calculus II)	5	MATH 1 (Pre-Requisite)	Fall, Spring & Summer
BIO 1A (General Botany)	5	Math 55 or Math 55B (Pre-Requisite) BIO 30 (Strongly Recommended)	Fall, Spring & Summer
CHEM 1A (General College Chemistry I)	5	MATH 55 or 55B or 55Y and CHEM 31. The CHEM 31 prerequisite can be fulfilled by demonstrating the appropriate skill level in the CHEM Placement Process (Pre-Requisite)	Fall, Spring & Summer
SEMESTER TOTAL	15		

SEMESTER 5 - SPRING

Courses	Units	Prerequisites/Strongly Recommended	Semesters Offered
BIO 1B (General Zoology)	5	Math 55 or Math 55B (Pre-Requisite) BIO 30 (Strongly Recommended)	Fall & Spring
CHEM 1B (General College Chemistry II)	5	CHEM 1A (Pre-Requisite)	Fall, Spring & Summer
General Education Course (Kinesiology)	1		Fall, Spring & Summer
SEMESTER TOTAL	11		

SEMESTER 6 - FALL

Courses	Units	Prerequisites/Strongly Recommended	Semesters Offered
PHYS 2A (Introduction to Physics I)	4	MATH 20, MATH 38 OR MATH 39 (Pre-Requisite)	Fall
BIO 1C (General Biology)	5	BIO 1A OR BIO 1B (Pre-Requisite) MATH 55 or 55B (Pre-Requisite) CHEM 1A (Pre-Requisite or Co-Req.) Eligibility for ENG 1A (Pre-Requisite)	Fall & Spring
SEMESTER TOTAL	9		

SEMESTER 7 - SPRING

Courses	Units	Prerequisites/Strongly Recommended	Semesters Offered
PHYS 2B (Introduction to Physics II)	4	PHYS 2A (Pre-Requisite)	Spring
EVST 5 (Energy and Sustainability)	3	Eligibility for ENG 1A (Strongly Recommended)	Fall & Spring
BIO 40 (Humans and the Environment)	3		Fall, Spring & Summer
SEMESTER TOTAL	10		
Total Major Coursework	53		
Total Units Required (Minimum)	60		

NOTE: Completion of LPC's General Education Pattern for Associate in Science Degree is required.

Last Updated: 12/15/16