Environmental Science A.S. Degree

This program roadmap represents one possible pathway to complete the program. *Please see a counselor* to create an education plan that is customized to meet your needs. This roadmap is not a guarantee of course availability or financial aid applicability. For counseling appointments call 916.608.6510.

Total Units: 70-72

First Year

Semester 1

16 Units

COURSE	UNITS	PRE-REQS^	SEMESTERS OFFERED*	GE AREA
CHEM 400 General Chemistry I	5	MATH 120; and a college-level Chemistry course with a lab with a "C" or better or one year in high school Chemistry with a lab with a grade of "C" or better.	F, S	IV
ENGWR 300 College Composition	3		F, S	II(a)
College-Level Mathematics/Major Electives*	5		F, S	II(b)
ECON 302 Principles of Macroeconomics **or** **ECON 304** Principles of Microeconomics	3 3		F, S	V(b)

*Students should consult with a counselor on appropriate math, as this will vary depending on target transfer colleges. Math class should be selected from approved list of Environmental Science electives on second page.

Semester 2

17-18 Units

COURSE	UNITS	PRE-REQS^	SEMESTERS OFFERED*	GE AREA
BIOL 400 Principles of Biology	5	CHEM 400	F, S	
CHEM 401 General Chemistry II	5	CHEM 400	F, S	
Major Electives*	4-5		F, S	
American Institutions	3		F, S	V(a)

Notes

- See FLC AA/AS General Education requirements.
- A degree applicable elective is defined as any class with a course number between 100 and 499.
- Some English and math courses have support courses (co-requisites). See your assessment results for more details.

Summer

5 Units

COURSE	UNITS	PRE-REQS^	SEMESTERS OFFERED*	GE AREA
Major Electives*	5		S	

Second Year

Semester 3

16 Units

COURSE	UNITS	PRE-REQS^	SEMESTERS OFFERED*	GE AREA
BIOL 410 Principles of Botany **or**	5	BIOL 400	F, S	
BIOL 420 Principles of Zoology	5		F, S	
Major Electives*	5		F, S	
Humanities	3		F, S	I
Ethnic/Multicultural Studies	3		F, S	VI

Semester 4

16-17 Units

COURSE	UNITS	PRE-REQS^	SEMESTERS OFFERED*	GE AREA
BIOL 410 Principles of Botany **or**	5	BIOL 400	F, S	
BIOL 420 Principles of Zoology	5		F, S	
Major Electives*	5		F, S	
Major Electives*	3		F, S	
Living Skills (a)	1		F, S	III(a)
Living Skills (b)	2-3		F, S	III(b)

*The Environmental Science degree requires 30 units of major electives that must be chosen from the list below (please consult a counselor to determine the electives that best fit your interests and target transfer college's requirements):

BIOL 350 Environmental Biology (3)

CHEM 420 Organic Chemistry I (5)

CHEM 421 Organic Chemistry II (5)

ECON 302 Principles of Macroeconomics (3)

ECON 304 Principles of Microeconomics (3)

GEOG 300 Physical Geography: Exploring Earth's Environmental Systems (3)

GEOG 301 Physical Geography Laboratory (1)

GEOL 300 Physical Geology (3)

GEOL 301 Physical Geology Laboratory (1)

MATH 355 Calculus for Biology and Medicine I (4)

MATH 356 Calculus for Biology and Medicine II (4)

MATH 375 Pre-Calculus Mathematics (5)

MATH 400 Calculus I (5)

MATH 401 Calculus II (5)

MATH 402 Calculus III (5)

PHYS 350 General Physics (4)

PHYS 360 General Physics (4)

PHYS 411 Mechanics of Solids and Fluids (4)

PHYS 421 Electricity and Magnetism (4)

PHYS 431 Heat, Waves, Light and Modern Physics (4)

PSYC 330 Introductory Statistics for the Behavioral Sciences (3)

STAT 300 Introduction to Probability and Statistics (4)

Catalog Year: 2024-2025
Published April 09, 2024