



Environmental Conservation A.S. Degree

FULL TIME

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.

Catalog: 2024-25

GE Pattern: local AA/AS

Total Units: 60

First Year

Semester 1

15 Units

CAT.	COURSE	TITLE	UNIT	GE AREA
Req	NATR 300	Introduction to Natural Resource Conservation and Policy	4	IV
Req	NATR 310	Study Design and Field Methods	4	
RE	BIOL 303 ¹	Survey of Biology	4	
GE	ENGWR 300 / 480 ^H	College Composition	3	IIa WC

¹ BIOL 300, 301, 310, or 400 could be used in place of BIOL 303, but they have different units and prerequisites. See a counselor to adjust the coursework.

Semester 2

15 Units

CAT.	COURSE	TITLE	UNIT	GE AREA
Req	NATR 320	Principles of Ecology	4	
RE	NATR 304 ²	The Forest Environment	3	
Elec	NATR 303 / ENERGY 303	Energy and Sustainability	3	
GE	STAT 300 / 480 ^H	Introduction to Probability and Statistics	4	IIb MC
GE		any PE activity course	1	IIIa

² or NATR 306

Second Year

Semester 3

15 Units

CAT.	COURSE	TITLE	UNIT	GE AREA
RE	NATR 305	Fisheries Ecology and Management	4	
RE	NATR 346	Water Resources and Conservation	3	
Elec	NATR 322	Environmental Restoration	2	
GE	COMM 321	Interpersonal Communication	3	IIIb
GE	ARTPH 305	Digital Photography	3	I

Semester 4

15 Units

CAT.	COURSE	TITLE	UNIT	GE AREA
Elec	NATR 302	Introduction to Wildlife Biology	4	
RE	NATR 307	Principles of Sustainability	4	Vb

CAREER PATH

Career Options:

This degree prepares students for entry-level work in a variety of industries and settings, including private firms, nonprofit organizations, educational institutions, and government agencies at the local, state, and federal levels.

Advising Notes:

- Students can substitute ESLW 340 for ENGWR 300/480.

Scheduling Notes:

- Typically, NATR 300, 320, and 498 are offered every semester. All other courses are generally offered once per year.
- NATR 330 is offered in the fall.
- NATR 306 and 332 are offered in the spring.
- NATR 324 is offered in the summer.

Other Notes:

- If students take NATR 303 and 304, they will qualify for the **Environmental Conservation Technician: Forest/ Rangeland certificate** and the **Environmental Conservation: Sustainability certificate** at the end of semester 2.
- If students also take NATR 305 and 346, they will qualify for the **Environmental Conservation Technician: Fisheries certificate**, the **Environmental Conservation Technician: Water Resources certificate**, and the **Environmental Conservation certificate** at the end of semester 3.

CAT.	COURSE	TITLE	UNIT	GE AREA
RE	NATR 330 ³	Native Trees and Shrubs of California	4	
GE	HIST 323	History of the United States: The American Indian Experience	3	Va, VI

³ or NATR 332

^H honors courses

EXPLANATION OF CATEGORIES

Req	Required Core	A course that is required for this program
RE	Restricted Elective	A course selected from a list of elective courses specified for this program in the course list in the catalog, which can be replaced with another course from the same list
GE	General Education	A course that fulfills a specific general education requirement for a degree, which can be replaced with another course that meets the same requirement
Elec	Degree Elective	A degree-applicable course that is part of a degree roadmap to ensure that there is a total of at least 60 units, which is a requirement for an associate degree

Graduation Requirement

A course that fulfills a specific graduation requirement which can be replaced by another course that meets the same graduation requirement.

MC = Math Competency

WC = Writing Competency

- If students also take NATR 302 and 330, they will qualify for the **Environmental Conservation Technician: Vegetation certificate** and the **Environmental Conservation Technician: Wildlife certificate** at the end of semester 4.
- If students also take NATR 322 or BIOL 352, they will qualify for the **Environmental Conservation Technician: Conservation/Restoration certificate** at the end of semester 4.
- An internship (NATR 498) is highly recommended as it opens up potential employment opportunities. Students can earn between 0.5 – 4.0 units for related paid or unpaid work experience including volunteer and internship positions through NATR 498. This course also works toward satisfying GE Area IIIb. See the [Work Experience website](#) for more information.
- The following Biology courses are also very helpful in enhancing breadth of knowledge: BIOL 305, 332, 352, and 370.