

Sample Academic Plan: Biology- Watershed Ecology AS Degree

Catalog: 22-23

GE Pattern: Sierra College

Full Time, Total Units: 60

NOTE: This program roadmap represents one possible pathway to complete the program. Please see a counselor to create an academic 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) 660-7400.

First Year

Semester 1 (15 units)

Course Number	Course Title	Units	Area
BIOL 0014	Natural History, Ecology and Conservation	4 units	Major/SC Area A
BIOL 0011	Concepts of Biology	4 Units	Major Elective
MATH 0012	College Algebra	4 units	SC Area D2/LS 4
	Elective	3 units	Elective

Semester 2 (14-15 units)

Course Number	Course Title	Units	Area
BIOL 0013	Field Methods in Ecology	3 units	Major
ESS 0013	Environmental Regulations	1 unit	Major
ENGL 0001A	College Reading, Writing and Research	4 units	SC Area D1/LS 1 & LS 2
	Major Elective from Area of Emphasis	3-4 units	Major Elective
	Elective	3 units	Elective

Second Year

Semester 3 (13.5-17.5 units)

Course Number	Course Title	Units	Area
BIOL 0095	Internship in Biological Sciences	1 unit	Major
	Major Elective from Area of Emphasis	3-4.5 units	Major Elective
	Major Elective from Area of Emphasis	.5-3 units	Major Elective
	General Education	3 units	SC Area C
	General Education	3 units	SC Area F
	Elective	3 units	Elective

Semester 4 (13-16 units)

Course Number	Course Title	Units	Area
GEOG 0090	Intro to Geographic Information Systems	4 units	Major
	General Education	3 units	SC Area B/LS Area 3
	General Education	3 units	SC Area E
	Elective	3-6 units	Elective