



Eastern New Mexico University
College of Liberal Arts & Sciences
2019-2021 Catalog

Date:	Major:	Biology (no minor required)
Name:	Emphasis:	Ecology, Evolution and Organismal Biology (EEOB)
ID#:	Degree:	Bachelor of Arts OR Bachelor of Science

This degree plan is a guideline only. Consult with an adviser before enrolling in courses. For more detailed information on coursework and degree requirements, refer to the catalog and consult with an adviser.

Note: The B.A. and B.S. degrees require 120 minimum total credit hours including 40 upper-division (300 or 400 level) hours. B.A. candidates must satisfy the language requirement (6-14 hours). The B.A. and B.S. degrees require a minimum of 40 hours of upper-division courses. Developmental and vocational/technical courses will not be counted toward graduation requirements.

BACHELOR'S DEGREE REQUIREMENTS (6 hours)	Course	Credits	Semester	Grade
FYEX 110 First-Year Seminar	_____	3	_____	_____
Diversity/Global Upper-Division	_____	3	_____	_____

GENERAL EDUCATION Requirements (31-33 hours)

REQUIREMENTS IN Biology Core (26 hours)	Course	Credits	Semester	Grade
BIOL 2110/L Principles of Bio: Cellular and Molecular Biology & Lab	_____	4	_____	_____
BIOL 2610/L Principles of Bio: Biodiversity, Ecology & Evolution & Lab I	_____	4	_____	_____
BIOL 2630 General Botany	_____	3	_____	_____
BIOL 2120 Cellular & Molecular Biology	_____	3	_____	_____
BIOL 303 General Ecology	_____	3	_____	_____
BIOL 304/L Genetics	_____	4	_____	_____
BIOL 306/L Microbiology	_____	4	_____	_____
BIOL 492 Undergraduate Seminar & Assessment	_____	1	_____	_____

REQUIREMENTS IN EEOB Emphasis (19-20 hours)	Course	Credits	Semester	Grade
BIOL 2630L General Botany Lab	_____	1	_____	_____
BIOL 300/L Invertebrate Zoology	_____	4	_____	_____
BIOL 303L General Ecology Lab	_____	1	_____	_____
BIOL 305 Evolution and Systematics	_____	3	_____	_____
BIOL 460 Landscape Ecology and GIS	_____	3	_____	_____
Select 1 of the following vertebrate biology courses:				
BIOL 307/L Vertebrate Zoology	_____	4	_____	_____
BIOL 411/L Herpetology	_____	4	_____	_____
BIOL 431/L Mammalogy	_____	4	_____	_____
BIOL 436/L Ichthyology	_____	4	_____	_____
BIOL 442/L Ornithology	_____	4	_____	_____

Select 1 of the following vertebrate biology courses:

BIOL 301/L General Entomology	_____	4	_____	_____
BIOL 410/L Plant Systematics	_____	4	_____	_____
BIOL 420/L Plant Structure and Function	_____	4	_____	_____
BIOL 430 Limnology	_____	3	_____	_____

REQUIREMENTS IN Other Areas (31-32 hours)	Course	Credits	Semester	Grade
	CHEM 1215/L General Chemistry I for STEM Majors and Lab	4	_____	_____
	CHEM 1225/L General Chemistry II for STEM Majors and Lab	4	_____	_____
	CHEM 341/L Organic Chemistry	4	_____	_____
	PHYS 1230/L Algebra-based Physics I	4	_____	_____
	PHYS 1240/L Algebra-based Physics II	4	_____	_____
	MATH 1220 College Algebra	4	_____	_____
	MATH 1510 Calculus I OR	4	_____	_____
	MATH 1430 Application of Calculus I	3	_____	_____
	MATH 1350 Intro to Statistics Methods I	4	_____	_____

Note: The biology faculty strongly recommends pre-medical students also take:

CHEM 342/L	_____	4	_____	_____
CHEM 401/L	_____	2	_____	_____
CHEM 452	_____	3	_____	_____
PSYC 1110	_____	3	_____	_____
SOCI 1110	_____	3	_____	_____

ELECTIVES As needed to fulfill requirement of 120 total credit hours.