



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

Date:	Major:	Biology (no minor required)
Name:	Emphasis:	Pre-medicine
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 Biology: Cellular and Molecular Biology and Lab	4	_____	_____
	BIOL 2610/L Principles of Biology: 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 Pre-Medicine Emphasis (20-23 hours)	Course	Credits	Semester	Grade
	BIOL 2210/L Human Anatomy & Physiology I and Lab	4	_____	_____
	BIOL 2225/L Human Anatomy & Physiology II and Lab	4	_____	_____
	BIOL 380 Endocrinology OR	3	_____	_____
	BIOL 427 Developmental Biology	3	_____	_____
	BIOL 421 Immunology OR	3	_____	_____
	BIOL 422/L Medical Microbiology	4	_____	_____
	BIOL 424/L Advanced Human Physiology OR	4	_____	_____
	BIOL 433/L Neurobiology	3	_____	_____

Note: Students must complete 3 to 4 upper-division (300/400 level) hours in a speciality course. Courses already completed from the list above may not be counted twice to fulfill the speciality course requirement.

300/400 level	_____	_____	_____	_____
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300/400 level

REQUIREMENTS IN Other Areas (31-32 hours)

CHEM 1215/L General Chemistry I for STEM Majors and Lab
CHEM 1225/L General Chemistry II for STEM Majors and Lab
CHEM 341/L Organic Chemistry
PHYS 1230/L Algebra-based Physics I
PHYS 1240/L Algebra-based Physics II
MATH 1220 College Algebra
MATH 1510 Calculus I **OR**
MATH 1430 Application of Calculus I
MATH 1350 Intro to Statistics Methods I

Course	Credits	Semester	Grade
_____	4	_____	_____
_____	4	_____	_____
_____	4	_____	_____
_____	4	_____	_____
_____	4	_____	_____
_____	4	_____	_____
_____	4	_____	_____
_____	3	_____	_____
_____	4	_____	_____

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

CHEM 342/L
CHEM 401/L
CHEM 452
PSYC 1110
SOCI 1110

_____	4	_____	_____
_____	2	_____	_____
_____	3	_____	_____
_____	3	_____	_____
_____	3	_____	_____

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