

SOUTHEAST NEW MEXICO COLLEGE (2025-2026)
ASSOCIATE OF SCIENCE IN BIOLOGY
EASTERN NEW MEXICO UNIVERSITY - PORTALES (2025-2027)
BACHELOR OF SCIENCE IN BIOLOGY, Emphasis in Pre-Med

The Bachelor of Science in Biology can be taken with the following emphases: General (no emphasis); Ecology, Evolution and Organismal Biology (EEOB); Microbiology, Molecular Biology and Biotechnology (MMBB); and Pre-Med.

Associate of Science in Biology at SENMC (61 - 63 Minimum Credit Hours)

Subject	No.	Title	Hours	Subject	No.	Title	Hours
BIOL	X	2610/L Prin. Of Biology: Biodiversity, Ecology & Evolutn	4	New Mexico General Education Requirements (31-33 hours)			31
BIOL	X	2110/L Prin. Of Biology: Cellular & Molecular Biology	4				
CHEM	X	1215/L General Chemistry I for STEM Majors	4				
CHEM	X	1225/L General Chemistry II for STEM Majors	4				
				Electives if needed to bring total credits to 61			Var.

Courses That Can Be Completed at Either Institution

	Subject	No.	Title	Hours
These courses are required for the BS degree and may be completed at either SENMC (recommended) or at ENMU-Portales. A grade of C or better is necessary for these courses.	MATH	X	1220 College Algebra	4
	MATH	X	1350 Intro to Statistics	4
	MATH	X	1430/1510 Applications of Calculus I -OR- Calculus I	3 to 4
	PHYS	X	1230/L Algebra-Based Physics I & Lab	4
	PHYS	X	1240/L Algebra-Based Physics II & Lab	4

Bachelor of Science in Biology, Emphasis in Pre-Medicine, at ENMU-Portales

Subject	No.	Title	Hours	Subject	No.	Title	Hours
Diversity/Global Upper-Division Course Requirement			3	BIOL	X	380 or 427 Endocrinology -OR- Developmental Biology	3
BIOL	X	2120 Cellular & Molecular Biology	3	BIOL	X	421 or 422/L Immunology -OR- Medical Microbiology	3 to 4
BIOL	X	2210/L Human Anatomy and Physiology I & Lab	4	BIOL	X	422/L -OR- BIOL 424/L -OR- BIOL 433/L	4 to 5
BIOL	X	2225/L Human Anatomy and Physiology II & Lab	4	BIOL	X	492 Undergraduate Seminar & Assessment	3
BIOL	X	2630 General Botany	3	CHEM	X	341/L Organic Chemistry I & Lab	4
BIOL	X	303 General Ecology	3	Select ONE upper-division specialty biology course			3 to 4
BIOL	X	304/L Genetics & Lab	4	Electives to meet BS requirements *			Var.
BIOL	X	306/L Microbiology & Lab	4				

Minimum GPA Requirement	2.0	SENMC AS in Biology	61 - 63
Minimum hours of Upper-Division Courses for BS Degree	40 *	ENMU-Portales Upper-Div Diversity/Global requirement	3 *
Minimum hours taken from ENMU-Portales (final 30 of 60)	30 *	ENMU-Portales BS in Biology, Pre-Med Emphasis	Var.
Minimum hours for BS (Transferred + ENMU-Portales)	120 *	Electives if needed to meet Degree requirements	Var.

* BS Degree Requirements

Total: Minimum 120 Credit Hours