

SOUTHEAST NEW MEXICO COLLEGE (2024-2025)
ASSOCIATE OF SCIENCE IN BIOLOGY
ENMU-PORTALES (2023-2025)
BACHELOR OF SCIENCE IN BIOLOGY, Emphasis in M.M.B.B.

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	2610/L	Prin. Of Biology: Biodiversity, Ecology & Evolutn	4				
BIOL	2110/L	Prin. Of Biology: Cellular & Molecular Biology	4			New Mexico General Education Requirements (31-33 hours)	31
CHEM	1215/L	General Chemistry I for STEM Majors	4				
CHEM	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	1220	College Algebra	4
	MATH	1350	Intro to Statistics	4
	MATH	1430/1510	Applications of Calculus I -OR- Calculus I	3 to 4
	PHYS	1230/L	Algebra-Based Physics I & Lab	4
	PHYS	1240/L	Algebra-Based Physics II & Lab	4

Bachelor of Science in Biology, Emphasis in MMBB, at ENMU-Portales

Subject	No.	Title	Hours	Subject	No.	Title	Hours
		Diversity/Global Upper-Division Course Requirement	3	BIOL	421	Immunology	3
BIOL	2120	Cellular & Molecular Biology	3	BIOL	422/L	Medical Microbiology & Lab	4
BIOL	2630	General Botany	3	BIOL	425/L or 450	Molecular Biology -OR- Virology	3 to 4
BIOL	303	General Ecology	3	BIOL	492	Undergraduate Seminar & Assessment	3
BIOL	304/L	Genetics & Lab	4	CHEM	341/L	Organic Chemistry I	3
BIOL	306/L	Microbiology & Lab	4			Select ONE upper-division (300-/400-level) specialty Biology course	3 to 4
BIOL	375	General Biotechnology	3				
BIOL	409/L	Microbial Physiology & Lab	4			Electives to meet BS requirements *	Var.

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 Biologym MMBB 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