

**SOUTHEAST NEW MEXICO COLLEGE (2022-2023)**  
**AS IN BIOLOGY**  
**ENMU-PORTALES (2023-2025)**  
**BA / BS IN BIOLOGY, Emphasis in MMBB**

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

Subject	Number	Title	Credit Hours	Subject	Number	Title	Credit Hours
BIOL	2610/L	Prin. Of Biology: Biodiversity, Ecology & Evolutn	4	New Mexico General Education Requirements (31-33 hours)			31
BIOL	2110/L	Prin. Of Biology: Cellular & Molecular Biology	4				
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	Number	Title	Credit Hours
These required courses 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	3
	MATH	1430/1510	* Applications of Calculus I -OR- Calculus I	3
	PHYS	1230/L	* Algebra-Based Physics I	3
	PHYS	1240/L	* Algebra-Based Physics II	3
	* Requirements for Bachelor Degree			

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

Subject	Number	Title	Credit Hours	Subject	Number	Title	Credit Hours
*	*	Diversity/Global Upper-Division	3	BIOL	421	Immunology	3
BIOL	2120	Cellular & Molecular Biology	3	BIOL	422/L	Medical Microbiology	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	3	CHEM	341/L	Organic Chemistry I	3
BIOL	306/L	Microbiology	3	BIOL	3XX/4XX	3 to 4 upper-division (300-/400-level) hours	3 to 4
BIOL	375	General Biotechnology	3	Elective Courses to reach minimum of 120 hours if required			Var.

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

**Total: Minimum 120 Credit Hours**