

**NEW MEXICO MILITARY ACADEMY (2022-2023)**  
**AS IN BIOLOGICAL SCIENCES**  
**ENMU-PORTALES (2023-2025)**  
**BA / BS IN BIOLOGY, Emphasis in MMBB**

Associate of Science in Biological Sciences at NMMI (63 - 75 Minimum Credit Hours)							
Subject	Number	Title	Credit Hours	Subject	Number	Title	Credit Hours
BIOL	1214	Principles of Biology I	4	BIOL/CHEM *		Three of the following: BIOL 2224, 2254, 2210,	9
BIOL	1224	Principles of Biology II	4			2225, CHEM 1215 -OR- CHEM 1225	
						New Mexico General Education Requirement	31 to 33

Courses That Can Be Completed at Either Institution						
			Subject	Number	Title	Credit Hours
These required courses may be completed at either NMMI (recommended) or at ENMU-Portales. A grade of C or better is necessary for these courses.			CHEM	1215/1225/L	Gen'l Chemistry I & II for STEM Majors	8
			MATH	1220	College Algebra (Req'd for BS)	4
			MATH	1350	Intro to Statistics (Req'd for BS)	4
			MATH	1430/1510	App. of Calculus -OR- Calculus I (Req'd for BS)	3 or 4
			PHYS	1230/L	Algebra-Based Physics I (Req'd for BS)	4
			PHYS	1240/L	Algebra-Based Physics II (Req'd for BS)	4

Bachelor of Arts / 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	492	Undergraduate Seminar & Assessment	3
BIOL	2110/L	Prin. of Biology: Cellular & Molecular Biology	4	BIOL	375	General Biotechnology	3
BIOL	2120	Cellular & Molecular Biology	3	BIOL	409/L	Microbial Physiology	4
BIOL	2610/L	Prin. Of Biology: Biodiversity, Ecology, Evolutn	4	BIOL	421	Immunology	3
BIOL	2630	General Botany	3	BIOL	422/L	Medical Microbiology	4
BIOL	303	General Ecology	3	BIOL	425/L or 450	Molecular Biology -OR- Virology	3 to 4
BIOL	304/L	Genetics	4	CHEM	341/L	Organic Chemistry I	4
BIOL	306/L	Microbiology	4	BIOL	3XX/4XX	3-4 upper-division hours in a specialty course	3 to 4
				Elective Courses to reach minimum of 120 hours if required			

<b>Minimum GPA Requirement</b>	<b>2.0</b>	<b>NMMI AS in Biological Sciences</b>	<b>63 - 75</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, Emphasis in MMBB</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**