

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

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 Pre-Med, 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	380/427	Endocrinology -OR- Developmental Biology	3
BIOL	2120	Cellular & Molecular Biology	3	BIOL	421 or 422/L	Immunology -OR- Medical Microbiology	3 or 4
BIOL	2210/L	Human Anatomy & Physiology I	4	BIOL	424/L or 433/L	Adv. Human Physiology -OR- Neurobiology	4 or 5
BIOL	2225/L	Human Anatomy & Physiology II	4	BIOL	3XX/4XX	3 to 4 upper-division hours in a specialty course	3 to 4
BIOL	2610/L	Prin. Of Biology: Biodiversity, Ecology, Evolutn	4	in consultation with Academic Adviser.			
BIOL	2630	General Botany	3	CHEM	341/L	Organic Chemistry I	4
BIOL	303	General Ecology	3	<i>The biology faculty strongly recommends pre-medical students also take CHEM 342/L, CHEM 401/L, CHEM 452, PSYC 1110 & SOCI 1110.</i>			
BIOL	304/L	Genetics	4	Elective Courses to reach minimum of 120 hours if required			
BIOL	306/L	Microbiology	4				

Minimum GPA Requirement	2.0	NMMI AS in Biological Sciences	63 - 75
Minimum hours of Upper-Division Courses for BA/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, Emphasis in Pre-Med	Var.
Minimum hours for BS (Transferred + ENMU-Portales)	120	Electives if needed to meet Degree requirements	Var.

Total: Minimum 120 Credit Hours