

NEW MEXICO MILITARY ACADEMY (2022-2023)
AS IN BIOLOGICAL SCIENCES
ENMU-PORTALES (2023-2025)
BS IN BIOINFORMATICS

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	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 Science in Bioinformatics, at ENMU-Portales

Subject	Number	Title	Credit Hours	Subject	Number	Title	Credit Hours
*	*	Diversity/Global Upper-Division	3	BIOL	425/L	Molecular Biology	4
BIOL	2110/L	Prin. of Biology: Cellular & Molecular Biology	4	BIOL	435/L	Bioinformatics	4
				CHEM	341/L	Organic Chemistry	4
BIOL	2120	Cellular & Molecular Biology	3	CHEM	401/L	Biochemical Methods	4
BIOL	2610/L	Prin. Of Biology: Biodiversity, Ecology, Evolutn	4	CHEM	452	Biochemistry	3
BIOL	2630	General Botany	3	CS	120	Introduction to Computer Programming	3
BIOL	303	General Ecology	3	CS	123	Computer Science I	3
BIOL	304/L	Genetics	4	STAT	313	Statistical Methods II	3
BIOL	306/L	Microbiology	4	STAT	400	Data Science	3
BIOL	492	Undergraduate Seminar & Assessment	3	Elective Courses to reach minimum of 120 hours if required			

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 Bioinformatics	Var.
Minimum hours for BS (Transferred + ENMU-Portales)	120	Electives if needed to meet Degree requirements	Var.

Total: Minimum 120 Credit Hours