



EASTERN NEW MEXICO UNIVERSITY - RUIDOSO (2024-2025)
ASSOCIATE OF SCIENCE IN NATURAL SCIENCE
EASTERN NEW MEXICO UNIVERSITY - PORTALES (2025-2026)
BACHELOR OF SCIENCE IN BIOLOGY (NO EMPHASIS)

Associate of Science in Natural Science at ENMU-Ruidoso (61 credit hours)								
Subject	No.	Title	Hours	Subject	No.	Title	Hours	
ENGL	1110	English Composition	3	CHEM	1215/L	General Chemistry I for STEM/Lab	4	
FYEX	1110	First-Year Seminar	3	CHEM	1225/L	General Chemistry II for STEM/Lab	4	
BCIS	1115	Intro to Computers	3	BIOL	* Choose TWO: BIOL 1133C, 1215/L, 2110/L, 2210/L, 2225/L, 2310/L, 2626C, 2630/L		8	
BIOL	2110/L	Principles of Biology: Cellular & Molecular/Lab	4	New Mexico General Education requirement				31-33
BIOL	2610/L	Prin. of Biology: Biodiv, Ecol & Evolution/Lab	4					

Courses That Can Be Completed at Either Institution				
	Subject	No.	Title	Hours
These required courses may be completed at either ENMU-Ruidoso (recommended) or at ENMU-Portales. A grade of C or better is necessary for these courses.	BIOL	2120	Cellular & Molecular Biology II/Lab	4
	BIOL	2630	General Botany	4
	MATH	1220	College Algebra	4
	MATH	1350	Introduction to Statistics	4
	MATH	1430/1510	Applications of Calculus -OR- Calculus I	4

Bachelor of Science in Biology (No emphasis) at ENMU-Portales							
Subject	No.	Title	Hours	Subject	No.	Title	Hours
Upper-Division Diversity / Global Requirement			3	BIOL	492	Undergraduate Seminar & Assessment	3
BIOL	303	General Ecology	3	CHEM	341/L	Organic Chemistry I	4
BIOL	304/L	Genetics	4	PHYS	1230/L	Algebra-Based Physics I	4
BIOL	306/L	Microbiology	4	PHYS	1240/L	Algebra-Based Physics II	4
BIOL	*	Minimum of 24 credit hours in BIOL chosen in consultation with academic advisor	24	Electives to meet BA/BS requirements *			Var.

Minimum GPA Requirement: 2.0			
Minimum hours of General Education Courses	31 *	ENMU-Ruidoso AS in Natural Science	60
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 (No Emphasis)	Var.
Minimum hours for BA/BS (Transferred + ENMU-Portales)	120 *	Electives if needed to meet requirements	Var.

* BA/BS Degree Requirements

Total: Minimum 120 Credit Hours