

EASTERN NEW MEXICO UNIVERSITY - ROSWELL (2024-2025)

ASSOCIATE OF SCIENCE IN BIOLOGY

EASTERN NEW MEXICO UNIVERSITY - PORTALES (2025-2027)

BACHELOR OF SCIENCE IN BIOLOGY, Emphasis in EEOB

Associate of Science in Biology at ENMU-Roswell (Minimum 63-64 Credit Hours)							
Subject	No.	Title	Hours	Subject	No.	Title	Hours
Lab Science Gen Ed (recommend BIOL 2110/L; required for AS)			4	BIOL	2225/L	Anatomy & Physiology II + Lab	4
Comm Gen Ed (recommend ENGL 1110, 1120; COMM 1130/2120)			9	CHEM	1215/L	General Chemistry I for STEM Majors + Lab	4
Mathematics Gen Ed (recommend MATH 1220 - required for AS)			3	CHEM	1225/L	General Chemistry II for STEM Majors + Lab	4
Social-Behavioral Sci Gen Ed (recommend PSYC/SOCI 1110)			3	MATH	1220	College Algebra	3
Humanities Gen Ed (recommend PHIL 2110)			3	MATH	1230	Trigonometry	3
Creative-Fine Arts Gen Ed (recommend ARTS 1610)			3	MATH	1350	Intro to Statistics	4
Math/Lab/Soc-Beh Gen Ed (rec MATH 1230/1350 - required for AS)			3	MATH	1510	Calculus I	4
Humanities/Fine Arts Gen Ed (recommend SPAN 1110)			3	PHYS	1230/L	Algebra-based Physics I + Lab	4
BIOL	2110/L	Cellular & Molecular Biology + Lab	4	ONE of: BIOL 2120, 2310/L, 2610/L, GEOL 1110/L, -OR- PHYS 1240/L *			4
BIOL	2210/L	Anatomy & Physiology I + Lab	4				

* **PHYS 1240/L and MATH 1430 or 1510 must be completed as part of the BS degree.**

Courses That Can Be Completed at Either Institution							
			Subject	No.	Title	Hours	
These required courses may be completed at either ENMU-Roswell (recommended) or at ENMU-Portales. A grade of C or better is necessary for these courses.				BIOL	2120	Cellular & Molecular Biol (BS requirement)	3
				BIOL	2610/L	(If not taken for AS degree - BS requirement)	4
				PHYS	1240/L	(If not taken for AS degree - BS requirement)	4

Bachelor of Science in Biology at ENMU-Portales, Emphasis in Ecology, Evolution, Organismal Biology							
Subject	No.	Title	Hours	Subject	No.	Title	Hours
CORE REQUIREMENTS (All Emphases):				EMPHASIS Requirements: Ecology, Evolution and Organismal Biology			
Upper-Division Diversity/Global Course			3	BIOL	2630L	General Botany Labortory	1
BIOL	2630	General Botany	3	BIOL	300/L	Invertebrate Zoology & Laboratory	4
BIOL	303	General Ecology	3	BIOL	303L	General Ecology Laboratory	1
BIOL	304/L	Genetics and Laboratory	4	BIOL	305	Evolution and Systematics	3
BIOL	306/L	Microbiology and Laboratory	4	BIOL	460	Landscape Ecology and GIS	3
BIOL	492	Undergraduate Seminar and Assessment	3	ONE of: BIOL 307/L, 411/L, 431/L, 436/L, 442/L			4
CHEM	341/L	Organic Chemistry I	4	ONE of: BIOL 301/L, 410/L, 420/L, 430			3 to 4
				Electives to meet BS degree requirements *			Var.

Minimum GPA Requirement: 2.0			
Minimum hours of General Education Courses	31 *	ENMU-Roswell AS in Biology	63
Minimum hours of Upper-Division Courses for 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, EEOB Emphasis	Var.
Minimum hours for BS (Transferred + ENMU-Portales)	120 *	Electives if needed to meet BS requirements	Var.

* BS Degree Requirements

Total: Minimum 120 Credit Hours