

**ENMU-ROSWELL AS IN BIOLOGY
ENMU-PORTALES BS IN BIOLOGY
EMPHASIS IN PRE-MEDICINE
2021 - 2023**

Associate of Science in Biology at ENMU-Roswell (Minimum 64 Credit Hours)

Subject	Number	Title	Credit Hours	Subject	Number	Title	Credit Hours
PSYC	1110	Introduction to Psychology	3	MATH	1510	Calculus I	4
ENGL	1110	Composition I	3	BIOL	2210/L	Anatomy and Physiology I & Lab	4
MATH	1220	College Algebra	3	CHEM	1215/L	General Chemistry I for STEM Majors & Lab	4
BIOL	2110/L	Prin. Biology: Cellular & Molecular Biology & Lab	4	PHYS	1230/L	Algebra-based Physics I	4
ENGL	1120	Composition II	3	BIOL	2225/L	Anatomy and Physiology II & Lab	4
COMM	1130 / 2120	Interpersonal Comm -OR- Public Speaking	3	CHEM	1225/L	General Chemistry II for STEM Majors & Lab	4
MATH	1350	Introduction to Statistics	3	*	*	Science Elective	4
BIOL	2610/L	Prin. Biology: Biodiversity Ecology Evolutn & Lab	4	*	*	Any Creative and Fine Art	3
PHIL	2110	Introduction to Ethics	1	*	*	Any Humanity or Creative and Fine Art	3
Total Hours							61

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 ENMU-Roswell (recommended) or at ENMU-Portales. A grade of C or better is necessary for these courses.				BIOL	2120	Cellular & Molecular Biology	3
				PHYS	1240/L	Algebra-based Physics/Lab II	4

Bachelor of Science in Biology at ENMU-Portales, Emphasis in Pre-Medicine

Subject	Number	Title	Credit Hours	Subject	Number	Title	Credit Hours
CORE REQUIREMENTS (All Emphases):				EMPHASIS Requirements: Pre-Medicine			
BIOL	2630	General Botany	3	BIOL	2210/L	Human Anatomy & Physiology I	4
BIOL	303	General Ecology	3	BIOL	2225/L	Human Anatomy & Physiology II	4
BIOL	304/L	Genetics and Laboratory	4	BIOL	380 or 427	Endocrinology -OR- Developmental Biology	3
BIOL	306/L	Microbiology and Laboratory	4	BIOL	421 or 422/L	Immunology -OR- Medical Microbiology	3 or 4
BIOL	492	Undergraduate Seminar and Assessment	3	BIOL	424/L or 433/	Adv. Human Physiology -OR- Neurobiology	4 or 5
CHEM	341/L	Organic Chemistry I	4	*	3xx/4xx	One specialty course not previously taken	3 to 4
				*	*	Electives to meet BS requirements	Var.

Minimum GPA Requirement	2.0	ENMU-Roswell AS in Biology	64
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, Pre Med Emphasis	29
Minimum hours for BS (Transferred + ENMU-Portales)	120	Electives if needed to meet BS requirements	Var.

Total: Minimum 120 Credit Hours