

EASTERN NEW MEXICO UNIVERSITY - ROSWELL (2024-2025)
ASSOCIATE OF SCIENCE IN MATHEMATICS
EASTERN NEW MEXICO UNIVERSITY - PORTALES (2025-2027)
BACHELOR OF ARTS OR SCIENCE IN MATHEMATICS (Minor Required)

Associate of Science in Mathematics at ENMU-Roswell (53 - 54 Credit Hours)							
Subject	No.	Title	Hours	Subject	No.	Title	Hours
BCIS	2215	MS Excel	3	MATH	*	Choose FOUR: 1230, 1350, 1510, 1520, 2530	15 to 16
COMM	2120	Interpersonal Communications	3	PHYS	*	Choose ONE: PHYS 1230/L & PHYS 1240/L -OR- 1310/L &	4
ENGL	1110	Composition I	3	Lab Sci	*	Any Gen Ed CHEM, or BIOL, or GEOL	4
ENGL	1120	Composition II	3	*	*	Any Gen Ed Social/Beh Science	3
MATH	1130	Survey of Mathematics	3	*	*	Any Gen Ed Creative & Fine Arts	3
MATH	1220	College Algebra	3	*	*	Any Gen Ed Humanities	3
PSYC	1170	Psychology of Success	3	*	*	Any Gen Ed Humanities -OR- Creative & Fine Arts	3
Total Credits							53-54

Courses That Can Be Completed at Either Institution							
Subject	No.	Title	Hours	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.				MATH	1350	Intro to Statistics	4
				MATH	1510	Calculus I	4
				MATH	1520	Calculus II	4
				MATH	2530	Calculus III	4

Bachelor of Arts or Science in Mathematics at ENMU-Portales (Minor Required)							
Subject	No.	Title	Hours	Subject	No.	Title	Hours
Upper-Division Diversity/Global Requirement			3	MATH	400	Intro to Topology	3
CSCI	1210/1220	Intro to Computer Programming -OR- Computer Sci I	3 to 4	MATH	407	Intro to Complex Variables	3
MATH	340	Foundations of Higher Mathematics	3	MATH	418	Decision Theory & Prescriptive Analytics	9
MATH	341	Abstract Algebra I	3	Complete 9 hours from the following: MATH (excluding MATH 310, 311, 317,			9
MATH	351	Ordinary Differential Equations	4	345, 429), STAT (excluding STAT courses taken by statistics minors), or CS			
MATH	352	Introduction to Linear Algebra	4	courses (excluding CS courses taken by computer science minors).			
MATH	371	Real Analysis	3	Electives to meet BS degree requirements *			Var.
STAT	403	Probability & Mathematical Statistics	3				

Minimum GPA Requirement: 2.0							
Minimum GPA Requirement			2.0	ENMU-Roswell AS in Mathematics			53-54
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 Mathematics			Var.
Minimum hours for Bachelor's Transferred + ENMU-Portales)			120 *	Minimum hours for Minor			Var.
* BA/BS Degree Requirements				Total: Minimum 120 Credit Hours			