

**CLOVIS COMMUNITY COLLEGE AS IN MATHEMATICS
ENMU-PORTALES BA -OR- BS IN MATHEMATICS**

(Minor Required)

Academic Year 2023 - 2024

Associate of Science in Mathematics at Clovis Community College (61 Minimum Credit Hours)							
Subject	Number	Title	Credit Hours	Subject	Number	Title	Credit Hours
MATH	1230	* Trigonometry	3	MATH	2430	* Discrete Mathematics	3
MATH	1350	* Introduction to Statistics	4	MATH	2531	* Calculus III	4
MATH	1512	* Calculus I	4	PHED		Physical Education Activity	1
MATH	1522	* Calculus II	4	New Mexico General Education Requirements. Consult with CCC advisor and CCC catalog.			31-33
MATH	2420	* Applied Linear Algebra	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 Clovis Community College (recommended) or at ENMU-Portales. A grade of C or better is necessary for these courses.							

Bachelor of Arts -or- Bachelor of Science in Mathematics at ENMU-Portales							
Subject	Number	Title	Credit Hours	Subject	Number	Title	Credit Hours
Diversity / Global Upper-Division Requirement			3	MATH	371	Real Analysis	3
CS 120 -OR- 123	Introduction to Computer Programming -OR- Computer Science I		3	STAT	403	Probability & Mathematical Statistics	3
MATH	340	Foundations of Higher Mathematics	3	Complete 9 hours upper-division MATH (excluding MATH 310, 311, 317, 345 & 429), STAT (excluding STAT courses taken by Statistics minors) or CS courses (excluding CS courses taken by computer science minors).			9
MATH	341	Abstract Algebra	3				
MATH	351	Ordinary Differential Equations	4				
MATH	352	Introduction to Linear Algebra	4	Elective Courses to meet 40-hour upper-division and 120-hour requirement			

Minimum GPA Requirement	2.0	CCC AS in Mathematics	61
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 BA/BS in Mathematics	Var.
Minimum hours for Minor (Required)	Var.	ENMU-Portales Minor requirements	Var.
Minimum hours for BS (Transferred + ENMU-Portales)	120	Electives if needed to meet Degree requirements	Var.

Total: Minimum 120 Credit Hours