

**NEW MEXICO MILITARY ACADEMY (2022-2023)  
AS IN MATHEMATICS  
ENMU-PORTALES (2023-2025)  
BA / BS IN MATHEMATICS, Minor is required**

**Associate of Science in Mathematics at NMMI (67 to 80 Minimum Credit Hours)**

Subject	Number	Title	Credit Hours	Subject	Number	Title	Credit Hours
MATH	1510	Calculus I	4	MATH	2624	Differential Equations	4
MATH	1520	Calculus II	4	MATH	*	One of: MATH 1220, 1230, 1250 -OR- 1350	3
MATH	2530	Calculus III	4	New Mexico General Education Requirement			31 to 33

**Courses That Can Be Completed at Either Institution**

Subject	Number	Title	Credit Hours
These required courses may be completed at either NMMI (recommended) or at ENMU-Portales. A grade of C or better is necessary for these courses.			

**Bachelor of Arts / Bachelor of Science in Mathematics at ENMU-Portales (Minor Required)**

Subject	Number	Title	Credit Hours	Subject	Number	Title	Credit Hours
*	*	Diversity/Global Upper-Division	3	MATH	352	Introduction to Linear Algebra	4
CS	120/123	Intro to Computer Programming -OR- Computer Science I	3 or 4	MATH	371	Real Analysis	4
MATH	340	Foundations of Higher Mathematics	3	STAT	403	Probability & Mathematical Statistics	3
MATH	341	Abstract Algebra I	3	*	*	Electives: 9 hours upper-division courses in MATH, STAT or CS (see Advisor for exclusions)	9
MATH	351	Ordinary Differential Equations	3	Elective Courses to reach minimum of 120 hours if required			

<b>Minimum GPA Requirement</b>	<b>2.0</b>	<b>NMMI AS in Mathematics</b>	<b>67 - 80</b>
<b>Minimum hours of Upper-Division Courses for BA/BS Degree</b>	<b>40</b>	<b>ENMU-Portales Upper-Div Diversity/Global requirement</b>	<b>3</b>
<b>Minimum hours taken from ENMU-Portales (final 30 of 60)</b>	<b>30</b>	<b>ENMU-Portales BA/BS in Mathematics</b>	<b>Var.</b>
<b>Minimum hours for Minor</b>	<b>Var.</b>	<b>ENMU-Portales Minor requirements</b>	<b>Var.</b>
<b>Minimum hours for BS (Transferred + ENMU-Portales)</b>	<b>120</b>	<b>Electives if needed to meet Degree requirements</b>	<b>Var.</b>

**Total: Minimum 120 Credit Hours**