

BSED DEGREES: MATHEMATICS EDUCATION MAJOR

(On Campus or Online)

2018-2020 Catalog
Mayville State University

2018-2019 Catalog
Williston State College

Prerequisites:

# COMM 110	
# ENGL 110	
# ENGL 120 or # ENGL 125	
MATH 165	
# PSYC 111	

Additional Requirements:

# GEOG 103 (COMM 216 or SOC 235)	
History Course (HIST 103 or HIST 104)	
Science course 1	
Science course 2	
Science course 3	
Science lab 1	
Science lab 2	

A minor or 2nd major is required with this program.

CORE REQUIREMENTS: (29 Hours)

Prefix/Num	Course Title	Sem Cr	Prefix/Num	Course Title	Sem Cr
MATH 105	Trigonometry	2	MATH 105	Trigonometry	2
MATH 166	Calculus II	4	MATH 166	Calculus II	4
MATH 265	Calculus III	4	MATH 265	Calculus III	4
MATH 323	Probability & Statistics	3			
MATH 389	Modern Geometry	3			
MATH 412	Differential Equations	3			
MATH 420	Hist/Philosophy Of Mathematics	3			
MATH 435	Theory Of Numbers	3			
MATH 443	Alg Struct w Prgming for Major	3			
MATH 480	Mathematics Comprehensive	1			

All methods courses, all professional education courses, and 75% of content coursework specifically including the courses with the * must be completed prior to student teaching.

PROFESSIONAL EDUCATION COURSES (42 credits)

Prefix/Num	Course Title	Sem Cr	Prefix/Num	Course Title	Sem Cr
##EDUC 250	Introduction to Education	3	EDUC 250 & EDUC 298	Introduction to Teaching	2
				Pre-Professional Experience	1
# EDUC 272	Educational Technology	2			
# EDUC 290	Theories of Learning & Mgmt	2			
# EDUC 380	Teach English Lang Learners	2			
# EDUC 381	Human Relations/Cult Diversity	3			
# EDUC 390	Special Needs in Inclusive Env	3			
# EDUC 398	Sec Educ Field Experience*	1			
# EDUC 400	Student Teaching	10			
# EDUC 401	Elctrnc Portfolio/Assess/Semin	2			
EDUC 401S	Pre-Student Teaching Seminars	0			
# EDUC 422	Educational Assessment	2			
# EDUC 426	Reading In The Content Area	2			
# EDUC 480	General Methods Sec Educators	4			
# EDUC 480L	General Methods Field Exp	1			
# EDUC 483	Sec Methods Mathematics*	2			
# PSYC 255	Child & Adolscent Psychology	3	PSYC 250	Developmental Psychology	3

Teacher Education Requirements:

1. # A minimum grade of "C" is required for teacher education.
2. ## A minimum grade of "B" is required for teacher education.
3. Students who have not been admitted to Teacher Education will not be permitted to enroll in Education coursework at or beyond the 300 level with the exception of Early Childhood Education.