

# Partners in Education

University of Mary and Bismarck State College



## Complete Your Bachelor's Degree

### Math Education

*Make the step from an associate's degree to a bachelor's degree as smooth as possible: the University of Mary and Bismarck State College are working together to help you complete your bachelor's degree.*

Thanks to our trailblazing agreement with Bismarck State College, you can apply credits you earned at BSC toward a bachelor's degree from the University of Mary. Use the guide on the back of this flyer to plan the coursework required to complete a bachelor's degree in your program.

BSC graduates are also eligible for competitive merit-based scholarships designed to reduce the financial load of finishing a bachelor's degree.

*The University of Mary is dedicated to supporting students like you — those answering the call to serve in their communities and meet their regional workforce needs. While each student comes to us with distinct circumstances, experiences, and perspectives, our faculty, advisors, and staff will ensure that you graduate with the tools you need to succeed — in your career and in your life.*



### Questions?

We're just a phone call or email away, 701-355-8030 or [enroll@umary.edu](mailto:enroll@umary.edu)

## Degree Requirements by Course Listing

### Communications (Total 9 Credits)

BSC Course Name and Number	University of Mary Course
ENGL 110 College Composition I (3 cr)	ENG 111
ENGL 120 College Composition II (3 cr)	ENG 121
COMM 110 Fundamentals of Public Speaking (3 cr)	COM 110

### Arts and Humanities (Total 6 Credits)

BSC Course Name and Number	University of Mary Course
RELS 120; 201; 203; 220; 230 (3 cr)	THE 120
PHIL 210 Ethics (3 cr)	PHI 208

### Social and Behavioral Science (Total 6 Credits)

BSC Course Name and Number	University of Mary Course
PSYC 111 Introduction to Psychology (3 cr)	PSY 201
SOC 235 Cultural Diversity (3 cr)	EDU 267

### Math, Science, and Technology (Total 15 Credits)

BSC Course Name and Number	University of Mary Course
MATH 103 College Algebra (3 cr)	MAT 103
MATH 102 Trigonometry (2 cr)	MATH 153 (with MATH 103)
MATH 165 Calculus I (4 cr)	MAT 209
Lab Science Pair Elective (8 cr)	Lab Science

### Math Education Major

#### Additional Course Requirements:

BSC Course Name and Number	University of Mary Course
EDUC 250 Intro to EDU (3 cr)	EDU 200
EDUC 298 Pre-Professional Experience (1 cr)	EDU 207
MATH 220 Probability and Statistics (3 cr)	MAT 411 (Lower-Division Credit)
MATH 227 Applied Linear Algebra (3 cr)	MAT 312 (Lower-Division)
MATH 166 Calculus II (4 cr)	MAT 210
MATH 265 Calculus III or MATH 208 Discrete Math (4 cr)	MAT 211
PSYC 230 Educational Psychology (3 cr)	PSY 205

### Additional BSC Degree Requirements

BSC Course Name and Number	University of Mary Course
Complete Enrichment Requirement (2 cr / 3 cr recommended)	Free Elective
Diversity Requirement (3 cr)	Met by SOC 235
Free Electives (8 cr)	Free Electives

Maximum of 62 BSC credits can be transferred to the University of Mary.

Courses that will be applied toward the MATH Ed major at the University of Mary require a minimum grade of C.

If student is pursuing an AA degree instead of AS, different elective courses may be required at BSC to fulfill those requirements. Meet with your advisor to adapt your course plan.

Students may choose to complete electives at BSC other than those recommended above. Contact University of Mary Admissions if you have questions regarding transfer equivalencies for different courses, in order to ensure the selected courses will apply toward your University of Mary program of study.

### FYE 322

Transition Seminar (1 cr)

### MAT/ENR 200

Computing (3 cr)

### MAT 221

Topics in Euclidean Geometry (4 cr)

### MAT 402

Algebraic Structures (4 cr)

### MAT 421

Real Analysis (4 cr)

### MAT 429

Seminar in Math (4 cr)

### MAT 443

History of Math (4 cr)

### EDU 301

Classroom Management (2 cr)

### EDU 310

Secondary Education Practicum (1 cr)

### EDU 320

Curriculum, Instruction, Assessment (2 cr)

### EDU 365

Reading Instruction in Content Area (2 cr)

### EDU 377

Secondary Methods- Mathematics (2 cr)

### EDU 383

Foundations of Inclusive Classrooms (2 cr)

### EDU 401

Secondary Practicum II (1 cr)

### EDU 411

Student Teacher Assessment (0 cr)

### EDU 412

Behavior Strategies and Supports (2 cr)

### EDU 413

School Community Relations (2 cr)

### EDU 421

Instructional Strategies in Tech Classes (2 cr)

### EDU 423

Student Teaching Seminar (1 cr)

### EDU 444

Student Teaching MAT Ed (12 cr)

### HUM 499

Senior Competency Testing (0 cr)

Free Electives Needed: 7 credits

**Total: 124 semester credits required.**