

## Partners in Education

University of Mary and Bismarck State College



## Complete Your Bachelor's Degree Chemistry

*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 or 203 Religion/America or World Religion (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
SBS Elective (3 cr)	Liberal Arts Elective
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### Math, Science, and Technology (Total 15 Credits)

BSC Course Name and Number	University of Mary Course
MATH 165 Calculus I (4 cr)	MAT 209
MAT 166 Calculus II (4 cr)	MAT 210
CHEM 121/121L General Chemistry I and Lab (5 cr)	CHE 108/L
CHEM 122/122L General Chemistry II and Lab (5 cr)	CHE 112/L

## Chemistry Major

### Additional Course Requirements:

BSC Course Name and Number	University of Mary Course
PHY 211/L College Physics I/Lab (5 cr)	PHY 203/L
PHY 212/L College Physics II/Lab (5 cr)	PHY 304/L (Lower-Division Credit)
CHEM 241/L Organic I and Lab (5 cr)	CHE 217/L
CHEM 242/L Organic Chemistry II and Lab (5 cr)	CHE 318/L (Lower-Division Credit)

## Additional BSC Degree Requirements

BSC Course Name and Number	University of Mary Course
Complete Enrichment Requirement (3 cr)	Free Elective
Diversity Requirement (3 cr)	Met with RELS

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

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.

## The Following Courses to be completed at The University of Mary

### FYE 322

Transition Seminar (1 cr)

### MAT 200

Computing (3 cr)

### CHE 230/L

Analytical Chemistry (4 cr)

### CHE 290

Techniques in Science (2 cr)

### CHE 310/L

Biochemistry I (4 cr)

### CHE 312/BCH 410 or CHE 326/L

Biochem II or Environmental Chem (4 cr)

### CHE 329

Chemistry Lab Practicum (1 cr)

### CHE 340

Instrument Analysis (4 cr)

### CHE 390

Writing in Science (1 cr)

### CHE 417/L

Advanced Inorganic Chem (4 cr)

### CHE 429

Safety in Chem Lab (1 cr)

### CHE 450/L

Physical Chemistry (4 cr)

### CHE 490

Senior Class Seminar (2 cr)

### HUM 499

Senior Competency Testing (0 cr)

Additional Upper-Level Electives (15 cr)

Free Electives (12 cr)

**Total: 124 semester credits required for Graduation**