

Partners in Education

University of Mary and Bismarck State College



Complete Your Bachelor's Degree Civil Engineering

The University of Mary and Bismarck State College have partnered to support you as you work toward your bachelor's degree. Through this partnership, it's even easier to make the step from an associate's degree program to finishing a bachelor's degree.

Our partnership allows you to easily transfer course credits earned at Bismarck State College and use them toward earning a bachelor's degree from the University of Mary. Using the guide on the back, you can plan in advance to complete the all appropriate coursework required to earn your bachelor's degree — meaning you'll be well prepared for success as you pursue 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

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 |
| SBS Elective (3 cr) | Liberal Arts Elective |

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 111/L |
| PHYS 251/L University Physics I & Lab (5 cr) | PHY 251/L |
| PHYS 252/L University Physics II & Lab (5 cr) | PHY 252/L |

Civil Engineering

Additional Course Requirements:

| BSC Course Name and Number | University of Mary Course |
|--|----------------------------------|
| ENGR 101 Graphical Comm (3 cr) | ENR 101 |
| ENGR 201 Statics & ENGR 202 Dynamics (6 cr) | ENR 201 |
| ENGR 203 Mechanics of Materials (3 cr) | ENR 203/L |
| MATH 265 Calculus III (3 cr) | MAT 211 |
| MATH 266 Introduction to Differential Equations (3 cr) | MAT 334 (Lower-Division Credits) |

Additional BSC Degree Requirements

| BSC Course Name and Number | University of Mary Course |
|--|---------------------------|
| Complete Enrichment Requirement (3 cr) | N/A |
| Diversity Requirement (3 cr) | Met by RELS |

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

Courses that will be applied toward the Civil Engineering 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.

The Following Courses to be completed at The University of Mary

FYE 322- Transition Seminar (1 cr)

ENR/MAT 200- Computing (3 cr)

GLG 203- Earth Dynamics/Geophysics (3 cr)

ECI 202- CIE and Sustainability (3 cr)

ECI 301- Civil Materials Lab (1 cr)

ECI 313- General Surveying/Lab (3 cr)

ECI 351- Structural Mechanics/Lab (4 cr)

ECI 412- Soil Mechanics with Lab (4 cr)

ECI 414- Foundation Engineering (3 cr)

ECI 416- Transportation ENR (3 cr)

ECI 431- Water Engineering (3 cr)

ECI 432- Environmental ENR (3 cr)

ECI 444- Contracts and Specifications (3 cr)

ECI 451- Steel Design (3 cr)

ECI 453- Reinforced Concrete (3 cr)

ECI 482- Civil Engineering Design (2 cr)

ENR 210- Computer Aided Measure (3 cr)

ENR 280- ENR Design Lab I (1 cr)

ENR 281- ENR Design Lab II (3 cr)

ENR 306- Fluid Mechanics (3 cr)

ENR 419- ENR Data Analysis (3 cr)

ENR 460- Engineering Economy (3 cr)

ENR 470- ENR Ethics (1 cr)

ENR 488- Senior Design (3 cr)

ENR 498- FE Exam Prep (0 cr)

Two Tech Electives- See Catalog (6 credits)

HUM 499

Senior Competency Testing (0 cr)

Total: 134 semester credits required for Graduation