



SEAMLESS TRANSFER

Electrical Engineering

The University of Mary and Bismarck State College have partnered to offer the Seamless Transfer program. Now, it's even easier to step from a two-year program into a bachelor's degree.

The Seamless Transfer program allows students to work towards their bachelor's degree from the University of Mary while simultaneously earning their associate's degree from Bismarck State College. Students who successfully complete their Associate of Science/Arts degree with the required Mary pre-requisites at Bismarck State College can seamlessly transfer to the University of Mary and complete their bachelor's degree in as little as two years.

Workers with a bachelor's degree can earn \$1,344 more per month than those with an associate's degree.

(Dollar amount is based on the median usual weekly earning.)

Questions?

We're just a phone call or email away, 701-355-8030 or transfers@umary.edu.

**University of Mary General Bachelor's Degree Requirements
Bismarck State College Transfer Student General Education Requirements (AS)**

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 (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)	LA Elective
SBS Elective (3 cr)	LA Elective

Math, Science, and Technology (Total 15 Credits)

BSC Course Name and Number	University of Mary Course
CHEM 121/L General Chemistry I & Lab (5 cr)	CHE 111/L
MATH 165 Calculus I (4 cr)	MAT 209
MATH 166 Calculus II (4 cr)	MAT 210
PHYS 251/L University Physics I & Lab (5 cr)	PHY 251/L
PHYS 252/L University Physics II & Lab (5 cr)	PHY 252/L

Electrical Engineering Major

Additional Course Requirements:

BSC Course Name and Number	University of Mary Course
ENGR 101 Graphical Communication & CAD Elective (6 cr)	ENR 101
EE 206/L Circuit Analysis (4 cr)	EEL 206/L
MATH 265 Calculus III (3 cr)	MAT 211
MATH 266 Intro to Differential Equations (3 cr)	MAT 334 (LL)

Additional BSC Degree Requirements

BSC Course Name and Number	University of Mary Course
Complete Enrichment Requirement (2 cr)	N/A

University of Mary Courses

- FYE 322** - Transition Seminar (1 credit)
- PHYS 253** - Engineering Physics III (3 credits)
- EEL 313/L** - Circuits II & Lab (4 credits)
- EEL 314/L** - Signals and Systems & Lab (4 credits)
- EEL 316** - Electric & Magnetic Fields (3 credits)
- EEL 321/L** - Electronics I & Lab (4 credits)
- EEL 409** - Power Systems I (3 credits)
- EEL 421** - Electronics II & Lab (4 credits)
- EEL 452/L** - Embedded Systems & Lab (4 credits)
- EEL 461** - Advanced Programming (3 credits)
- EEL 462** - Digital Systems with Lab (4 credits)
- EEL 480** - Elec. Eng.Design Project (2 credits)
- ENR 200** - Computing for Engineering (3 credits)
- ENR 210** - Computer Aided Measurement (3 credits)
- ENR 280** - ENR Design Lab I (1 credit)
- ENR 281** - ENR Design Lab II (1 credit)
- ENR 304** - Computer Aided Analysis (3 credits)
- ENR 338** - Adv Engineering Math (3 credits)
- ENR 405/L** - Control Systems & Lab (4 credits)
- ENR 419** - Engineering Data Analysis (3 credits)
- ENR 460** - Engineering Economy (3 credits)
- ENR 470** - Engineering Ethics (3 credits)
- ENR 488** - Senior Design (3 credits)
- ENR 498** - FE Exam Prep (0 credits)
- Technical Elective** - Need Three (9 credits)
- HUM 499** - Senior Assessment (0 credits)

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

Minimum grade of "C-" required for all courses which apply to the Civil Engineering major or course pre-reqs.

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.