Complete Your Bachelor's Degree
Cybersecurity Administration

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.

UNIVERSITY of MARY | *for 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, 201, 203, 220, or 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
Social Science Elective (3 cr)	Liberal Art Elective
Social Science Elective (3 cr)	Liberal Art Elective

Math, Science, and Technology (Total 15 Credits)

BSC Course Name and Number	University of Mary Course
MATH 103 College Algebra or Higher (4 cr)	MAT 103 or Higher
Lab Science (4 cr)	Lab Science Elective
CIS 147 Principles of Information Security (3 cr)	CSA 115
Math/Science/Tech Elective (4 cr) (recommend avoid CSCI 122/160/161 & GIS)	Liberal Arts Elective

CSA Major

Additional Course Requirements:

BSC Course Name and Number	University of Mary Course
CIS 164 Networking Fundamentals I (4 cr)	CSA 220
CIS 165 Networking Fundamentals II (3 cr)	CSA 222
CIS 185 Introduction to Programming (3 cr)	CSA 206
CIS 107 Linux Fundamentals (3 cr)	CSA 107
CIS 128 Microcomputer Hardware I (3 cr)	CSA 110

Additional BSC Degree Requirements

BSC Course Name and Number	University of Mary Course
Complete Enrichment Requirement (3 cr recommended)	Free Elective
Diversity Requirement (3 cr)	LA Elective
Liberal Art Electives (4 cr)	LA Elective

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

Courses that will be applied toward the CSA 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 credit)

CSC 300
Systems Development I- Database (3 credits)

CSA 330
Client/Server OS (3 credits)

CSA 345
Ethical Hacking (3 credits)

CSA 360
Firewalls (3 credits)

CSA 410
Active Directory Admin (3 credits)

CSA 420
Computer Network Systems Security (3 credits)

CSA 430
Cyber Defense (3 credits)

CSA 445
Cyber Security II (3 credits)

CSA 452 or 456
Experiential Development or Internship (4 credits)

CSA 460
Digital Forensics (3 credits)

CSA 480
Cyber Security Capstone (3 credits)

BUS 280
Internship and Career Prep (1 credits)

BUS 454
Project Management (3 credits)

HUM 499
Senior Competency Testing (0 credits)

Liberal Arts Electives to Reach 52: (11 credits)

Additional Free Electives (12 credits)

Total: 124 semester credits required for graduation