SEAMLESS TRANSFER
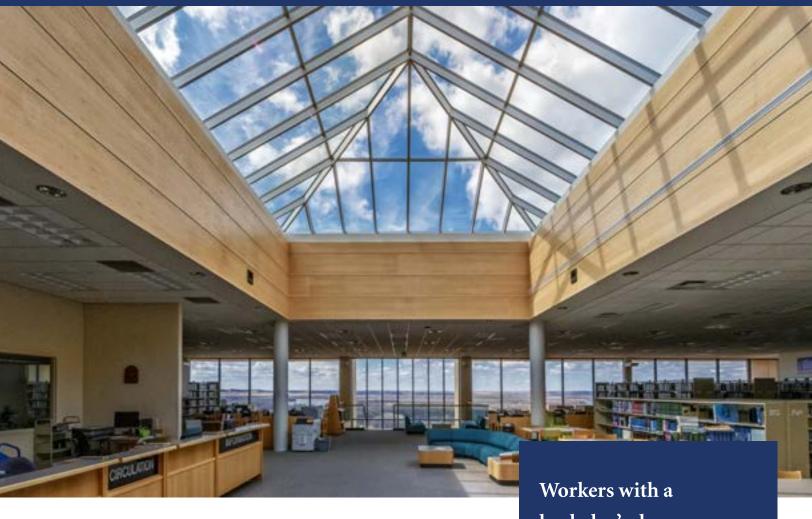### *Computer Science*

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 prerequisites 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.)

UNIVERSITY of MARY | *for Life.*

BSC BISMARCK STATE COLLEGE

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)	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
CSCI 101 Intro to Computers (3 cr)	CIS 101
MATH 165 Calculus I (4 cr)	MAT 209
MATH 166 Calculus II (4 cr)	MAT 210
PHYS 211/L College Physics & Lab (5 cr)	PHY 203/L
BSC Lab Science Requirement (4-5cr)	N/A

Computer Science Major

Additional Course Requirements:

BSC Course Name and Number	University of Mary Course
CIS 164 or CIS 165 (3 cr)	ITM 220
CIS 204 Database Design & SQL (3 cr)	CSC 300
CIS 230 Electronic Publishing (3 cr)	CSC 340 (LL)
CSCI 160 Computer Science I (3 cr)	CSC 106
CSCI 161 Computer Science II (3 cr)	CSC 107
CSCI 174 Intermediate C++/Visual C++ (3 cr)	CIS 204
MATH 265 Calculus III (4 cr)	MAT 211

Additional BSC Degree Requirements

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

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 credit)

BUS 380
Internship & Career Prep (1 credit)

BUS 454
Project Management (3 credits)

CIS 456
Internship (4-8 credits)

CSC 203
Application Design & Implementation (3 credits)

CSC 356
Programming Language I (3 credits)

CSC 357
Programming Language II (3 credits)

CSC 360
Computer Architecture (3 credits)

CSC 457
Advanced Programming Languages (3 credits)

ITM 310
Systems Development II - Methods (3 credits)

ITM 345
Cyber Security I (3 credits)

ITM 420
Systems Development Project (3 credits)

ITM 445
Cyber Security II (3 credits)

MAT 312
Linear Algebra (4 credits)

MAT 411
Mathematical Statistics (4 credits)

MAT 451
Numerical Analysis (4 credits)

HUM 499
Senior Competency Testing (0 credits)

Total: 124 Semester Credits required for Graduation