



Saint Mary's
University
of MINNESOTA

A.A. Transfer Pathway

Minnesota West Community and Technical College

Bachelor in Arts with a major in MATHEMATICAL SCIENCES: MATHEMATICS TRACK

Minnesota West Community and Technical College Courses	Credits	Saint Mary's Courses
MATH 1121 Calculus I	4	M151 Calculus I
MATH 1122 Calculus II	4	M152 Calculus II
MATH 2201 Multivariable Calculus	4	M251 Calculus III
MATH 2210 Linear Algebra	4	M252 Linear Algebra

Other Minnesota West courses that can transfer for required courses in the Mathematical Sciences: Mathematics Track

MATH 2206 Ordinary Differential Equations	3	M341 Differential Equations with Applications (elective)
MATH 1105 Introduction to Probability and Statistics	3	ST232 Introduction to Probability and Statistics
CSCI 2170 Python Programming	3	CS110 Introduction to Programming

Students may transfer an unlimited amount of credit from Minnesota West Community and Technical College into Saint Mary's University of Minnesota. Upon transferring into Saint Mary's, students are required to meet all graduation requirements. The courses listed above meet specific requirements of the Mathematics program, and are part of the MWCTC/SMUMN transfer pathway. Students are strongly encouraged to meet with a Saint Mary's adviser to discuss how to optimize transfer credit. All courses must be completed with a C- or better to transfer.

A.A. Degree Credit Breakdown	Credits	
Completion of MnTC Requirements	40	Meets General Education Requirements
Total Credits Transferred for A.A. Degree	60	

Major courses remaining to complete B.A. in Mathematics	Credits
ST232 Introduction to Probability and Statistics*	3

CS110 Introduction to Programming*	3
M200 Introduction to Data Science	3
M300 Discrete Mathematics	4
M491 Senior Seminar	2
M401 Abstract Algebra OR M411 Introduction to Analysis	3
Three Mathematics or Statistics Electives	9

Remaining graduation requirements for B.A. degree	Credits
Approved Theology	3
INT499: Capstone	3

Minimum Total Credits completed at Saint Mary's University	30
Total General Elective Credits needed for Degree Completion**	30
Total minimum number of credits completed as part of A.A.	60
Total Credits for B.A. in Mathematical Sciences: Mathematics Track Degree	120

*If not taken at Minnesota West Community and Technical College.

**General Electives credits can be taken at Minnesota West Community and Technical College, Saint Mary's University of Minnesota, or any other regionally accredited institution.