



**Saint Mary's
University**
of MINNESOTA

A.A. Transfer Pathway
Saint Paul College

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

Saint Paul College Courses	Credits	Saint Mary's Courses
MATH 2749 Calculus 1	4	M151 Calculus I
MATH 2750 Calculus 2	4	M152 Calculus II
MATH 2753 Multivariable Calculus	4	M251 Calculus III
MATH 2760 Differential Equations and Linear Algebra	4	M252 Linear Algebra

Other Saint Paul College courses that can transfer for required courses in the Mathematical Sciences: Mathematics Track

MATH 2460 Discrete Mathematics	4	M300 Discrete Mathematics
MATH 1740 Introduction to Statistics	3	ST232 Introduction to Probability and Statistics
CSCI 1523 Introduction to Computing and Programming Concepts	3	CS110 Introduction to Programming

Students may transfer an unlimited amount of credit from Saint Paul 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 CC/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

<u>Remaining graduation requirements for B.A. degree</u>	<u>Credits</u>
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 Saint Paul College.

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