



Saint Mary's
University
of MINNESOTA

A.A. Transfer Pathway
Minneapolis College

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

| Minneapolis College Courses | Credits | Saint Mary's Courses |
|--|----------------|-----------------------------|
| MATH 1180 Calculus I | 4 | M151 Calculus I |
| MATH 1190 Calculus II | 4 | M152 Calculus II |
| MATH 2220 Multivariable Calculus | 4 | M251 Calculus III |
| MATH 2210 Linear Algebra with Differential Equations | 4 | M252 Linear Algebra |

Other Minneapolis courses that can transfer for required courses in the Mathematical Sciences: Mathematics Track major

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|---|---|--|
| MATH 2011 Discrete Mathematics | 4 | M300 Discrete Mathematics |
| MATH 1140 Introductory Statistics | 3 | ST232 Introduction to Probability and Statistics |
| CSCI 1500 Introduction to Programming and Problem-Solving | 3 | CS110 Introduction to Programming |

Students may transfer an unlimited amount of credit from Minneapolis 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 MC/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 | |

| <u>Major courses remaining to complete B.A. in Mathematics</u> | <u>Credits</u> |
|---|-----------------------|
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|--|---|
| 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 |

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|--|-----------------------|
| Remaining graduation requirements for B.A. degree | <u>Credits</u> |
| Approved Theology | 3 |
| INT499: Capstone | 3 |

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| 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 Minneapolis College.

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