

Mathematics Transfer Pathway AA

This transfer pathway ensures that a student who successfully completes a Mathematics Transfer Pathway AA degree can transfer the full degree into a parallel bachelor's degree program in Mathematics at a Minnesota State university.

Mathematics Transfer Pathway Curriculum

Curriculum

Program Courses

Course Code	Title	Course Outlines	Goal Areas	Credits
MATH 1221	Calculus I	View-MATH 1221	n/a	5
MATH 1222	Calculus II	View-MATH 1222	n/a	5
MATH 2220	Calculus III	View-MATH 2220	n/a	5
Choose either Linear Algebra OR Differential Equations				
MATH 2300	Linear Algebra or	View-MATH 2300	n/a	4
MATH 2400	Differential Equations	View-MATH 2400	n/a	4

General Education Courses

Course Code	Title	Course Outlines	Goal Areas	Credits
College Writing I				
ENGL 1200	Gateway College Writing or	View-ENGL 1200	n/a	4
ENGL 1201	College Writing I	View-ENGL 1201	n/a	4
ENGL 1202	College Writing II	View-ENGL 1202	n/a	2
COMM 1610	Introduction to Mass Communication	View-COMM 1610	n/a	3
COMM 1010	Fundamentals of Public Speaking or	View-COMM 1010	n/a	3
COMM 1110	Principles of Interpersonal Communication or	View-COMM 1110	n/a	3
COMM 1210	Small Group Communication or	View-COMM 1210	n/a	3
COMM 1310	Intercultural Communication or	View-COMM 1310	n/a	3
COMM 1410	Human Communication Theory or	View-COMM 1410	n/a	3
COMM 1550	Video Game Entertainment or	View-COMM 1550	n/a	3
COMM 1610	Introduction to Mass Communication or	View-COMM 1610	n/a	3
COMM 1810	Introduction to Health Communication or	View-COMM 1810	n/a	3
COMM 1910	Argumentation and Public Advocacy or	View-COMM 1910	n/a	3
COMM 2610	Introduction to Public Relations and Strategic Communication or	View-COMM 2610	n/a	3
COMM 2900	Communications Capstone	View-COMM 2900	n/a	0

MnTC Electives

Natural Science - 2 courses, 7 credits from 2 different disciplines, one must be a lab course
History the Social Behavioral Sciences - Must complete 9 credits
Humanities Fine Arts - 9 credits from 2 different disciplines
Goal Areas 7, 8, 10 - Courses can 'double dip' also count in Goal Areas 1-6. Credits only count once.
Additional Electives, if needed, to reach 40 total MnTC credits

NHCC Residency and GPA

15 Credits must be earned at NHCC	
Total Credits Required	60

Program Overview

This transfer pathway specifically ensures that a student who successfully completes a Mathematics Transfer Pathway Degree AA can transfer the full degree into a parallel baccalaureate degree program in Mathematics at a Minnesota State University.

Minnesota State Universities: Bemidji State University, Metropolitan State University, Minnesota State University Mankato, Minnesota State University Moorhead, Southwest Minnesota State University, St. Cloud State University, Winona State University.

Program Outcomes

Knowledge of human cultures and the physical and natural world, including:

- Learning to value and enjoy mathematics
- Confidence in one's ability to do mathematics

Intellectual and Practical Skills, including:

- Ability to be a mathematical problem solver
- Ability to communicate mathematical ideas clearly, efficiently, and effectively in both written and oral forms
- Ability to reason mathematically

Personal and Social Responsibility, including:

- Ability to function in a mathematical, statistical, and technological society

Integrative Learning, including:

- Addressing complicated problems, applying mathematical methods to arrive at solutions, and validating solutions
 - Synthesizing ideas, applying disciplined thinking techniques to new settings, and approaching situations with multiple perspectives
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Program Maps

Program roadmaps provide students with a guide to understand the recommended course sequence to complete their degree.

- [Mathematics Transfer Pathway AA Full Time](#)
 - [Mathematics Transfer Pathway AA Part Time](#)
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Career Opportunities

Information on careers, including salary and employment outlook data, is available at Minnesota State and the Bureau of Labor Statistics websites: careerwise.minnstate.edu and www.bls.gov.

Transfer Information

If you are planning on transferring to another institution, follow the guidelines available on our transfer resources web page to help you plan the process: [Transfer Information](#)

Accreditation

North Hennepin Community College is accredited by the Higher Learning Commission (hlcommission.org), an institutional accreditation agency recognized by the U.S. Department of Education.

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