

AA: Mathematics Transfer Pathway 2021-2022

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.

- Metropolitan State University
- Minnesota State University Moorhead
- Bemidji State University
- Minnesota State University Mankato
- Southwest State University
- St. Cloud State University
- Winona State University

Program Courses

Course No.	Course Title	Credits
MATH1221	Calculus I	5
MATH1222	Calculus II	5
MATH2220	Calculus III	5
Choose either Linear Algebra OR Differential Equations:		
MATH2300	Linear Algebra <i>or</i>	3
MATH2400	Differential Equations	4

General Education Courses

Course No.	Course Title	Credits
College Writing I:		
ENGL1200	Gateway College Writing <i>or</i>	4
ENGL1201	College Writing I	4
ENGL1202	College Writing II	2
COMM1610	Introduction to Mass Communication	3

MnTC Electives

Course No.	Course Title	Credits
Natural Science - 2 courses, 7 credits from 2 different disciplines, one must be a lab course:		
History and the Social and Behavioral Sciences - Must complete 9 credits		
Humanities and Fine Arts - 9 credits from 2 different disciplines		
Goal Areas 7, 8, 10 - Courses can "double dip" and 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

Course No.	Course Title	Credits
15 Credits must be earned at NHCC:		
2.00 Overall GPA for NHCC Courses		

Total Credit Required 60

Degree Requirements

2.00 Overall GPA for NHCC Courses

*Universities within the Minnesota State system include Bemidji State University; Metropolitan State University; Minnesota State University, Mankato; Minnesota State University Moorhead; Southwest Minnesota State University; St. Cloud State University; and Winona State University.

Advising on Electives: Recommendations specific to institutions based on the current catalog are listed below. Students are encouraged to research each institution to identify their best fit.

University	Recommendations
Bemidji State University	Students are encouraged to take and transfer in Differential Equations.
Metropolitan State University	Students are also encouraged to take and transfer in Statistics I, Physics I with Calculus, or Computer Programming I.

Minnesota State University Moorhead	Computer Programming course is required.
Minnesota State University Mankato	A minor is required. Students are encouraged to take at least one course that applies to their minor. A list of minors and their requirements are listed in the Minnesota State University's Mankato's catalog. Any minor may be chosen.
Southwest Minnesota State University	
St. Cloud State University	A computer programming course and a minor in specific areas are required. A list of acceptable minors can be found in the University Catalog. Students are encouraged to take at least one course that applies to their minor.
Winona State University	Students are encouraged to take and transfer in the following courses: <ul style="list-style-type: none"> • Linear Algebra • A math or computer science based introduction to discrete mathematical structures with applications • First course in Statistics • A minor is required to progress towards a minor should begin at the college level

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

Degree Information

The Associate of Arts (A.A.) is awarded for successful completion of 60 credits and is designed to constitute the first two years of a liberal arts bachelor degree program. An A.A. degree includes the entire 40 credit Minnesota Transfer Curriculum (MnTC) as the general education requirement.

Students may also choose to concentrate in a particular field of study in preparation for a planned major or professional emphasis at a four-year college by following the pre-major requirement of the desired transfer institution in addition to the MnTC and A.A. requirements.

A student shall:

Earn a minimum of 60 semester credits.

Earn a grade point average of 2.00 (C) or higher in courses taken at North Hennepin Community College. Earn a minimum of 20 semester credits of the 60 semester credits required for the A.A. Degree at NHCC.

Complete the general education distribution requirement listed in the Minnesota Transfer Curriculum. The student shall select general education (MnTC) courses numbered 1000 or above to complete a minimum of 40 credits.

Have four years in which to complete their work under the terms of the catalog in effect at the time of their first enrollment.

Students taking more than four years to complete their graduation requirements may follow any catalog in effect during the four-year period preceding their date of graduation. Required A.A. Degree Course Distribution:

Complete 40 credits in the Minnesota Transfer Curriculum satisfying the requirements for each of the 10 goal areas. Complete at least 4 credits for the Wellness requirement with at least one course from each of the following areas: Health (all courses) and Physical Education (all courses).

Complete 16 elective credits selected from all courses listed in the College's offerings, which are numbered 1000 or higher.

Completion of an A.A. degree fulfills the Goal Area 2 requirement of the Minnesota Transfer Curriculum (MnTC).

Developmental Courses

Some students may need preparatory course(s) in Math and/or English. Courses numbered below 1000 will not apply toward a degree.

Equal Opportunity Employer and Disability Access Information

North Hennepin Community College is a member of Minnesota State Colleges and Universities system and an equal opportunity employer and educator. This document is available in alternative formats to individuals with disabilities by calling 763-493-0555 or through the Minnesota Relay Service at 1-800-627-3529.

Career Opportunities

Information on careers, including salary and employment outlook data, is available on the iseek and Bureau of Labor

Statistics websites: <https://careerwise.minnstate.edu/careers/> 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 30 N. LaSalle Street, Suite 2400 Chicago, IL 60602-2504 1-800-621-7440