

Biology Transfer Pathway Associate of Science

START
HERE



Milestone Courses

should be taken in the order shown. This will help you stay on track and graduate on time.

Semester 1

Course Number	Course Name	Credits	Milestone	Completed
College Writing I	Pick one: ENGL 1200‡ or 1201	4-5	Yes	☐
MATH 1150	College Algebra or higher (see helpful hints)	3	Yes	☐
MnTC Goal 1	Goal 1 (Communications) Choose one: COMM 1110, 1010, 1210, 1410, 1550, 1610, 1810, 1910	3		☐
MnTC Goal 5	Goal 5 (History and the Social and Behavioral Sciences)	3		☐
MnTC Elective	Additional goal area credit from goals 5 to 10	3		☐

Total Credits: 16

Semester 2

Course Number	Course Name	Credits	Milestone	Completed
College Writing II	Pick one: ENGL 1202 or 1203‡	2-3		☐
BIOL 1101	Principles of Biology I	4	Yes	☐
CHEM 1061	Principles of Chemistry I	4	Yes	☐
MnTC Elective	Additional goal area credit from goals 5 to 10	6		☐

Total Credits: 16

Semester 3

Course Number	Course Name	Credits	Milestone	Completed
BIOL 1102	Principles of Biology II	4	Yes	☐
CHEM 1062	Principles of Chemistry II	4	Yes	☐
MATH	Course higher than 1150 (exact course depends on transfer institution. See your advisor)	4	Yes	☐
MnTC Goal 6	Goal 6 (Humanities and Fine Arts)	3		☐

Total Credits: 15

Semester 4

Course Number	Course Name	Credits	Milestone	Completed
BIOL 2360	Genetics	4		☐
BIOL 2610	General Ecology	4		☐
Additional Electives	Additional electives (see helpful hints)	5		☐

Total Credits: 13

Program Credit Total: 60

FINISHED

Helpful Hints

‡ ENGL 1200 corequisite ‡ENGL 1001- College Writing I Workshop

‡ENGL 1203 corequisite ‡ENGL 1002- College Writing II Workshop

-Talk to Professor Andrew Arsham from Bemidji State Biology program (bbp@bemidjistate.edu) about program offered at NHCC

-Look at Minnesota Transfer Curriculum (MnTC) to make sure goal areas are completed

-Biology program takes a study abroad trip to Galway, Ireland every other year. Check with Professor Melchior about this

-If planning on transferring to U of M, you MUST speak to your advisor about the biology requirements

-**Additional elective credits** to get to 60 total credits, are chosen based on student's choice of major and transfer institution. Could include organic chem, physics, or more math.

-CHEM 2061 Organic Chemistry and/or CHEM 2062 Organic Chemistry II are recommended for some university programs

-If you do not place into College Algebra (MATH 1150), you will need to complete additional sequence of math courses

Disclaimer: This roadmap represents one possible pathway through the program, so please make an appointment with your Academic Advisor to create an education plan that is customized to meet your needs. This information is subject to change.

Leaf/Dagger (†) means the class is only offered Fall semester. Flower/Asterisk () means the class is only offered Spring Semester.
Double Dagger (‡) means the course has a corequisite that must be taken at the same time.

Effective 9/25/25 AT