

# 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
ENGL 1200† /1201	Gateway College Writing/College Writing I	4	Yes	<input type="checkbox"/>
MATH 1150	College Algebra or higher (see helpful hints)	3	Yes	<input type="checkbox"/>
MnTC Goal 1	Goal 1 (Communications) Choose one: COMM 1010, 1210, 1410, 1550, 1610, 1810, 1910	3		<input type="checkbox"/>
MnTC Goal 5	Goal 5 (History and the Social and Behavioral Sciences)	3		<input type="checkbox"/>
MnTC Elective	Additional goal area credit from goals 5 to 10	3		<input type="checkbox"/>

**Total Credits: 16**

## Semester 2

Course Number	Course Name	Credits	Milestone	Completed
ENGL 1202	College Writing II	2		<input type="checkbox"/>
BIOL 1101	Principles of Biology I	4	Yes	<input type="checkbox"/>
CHEM 1061	Principles of Chemistry I	4	Yes	<input type="checkbox"/>
MnTC Elective	Additional goal area credit from goals 5 to 10	6		<input type="checkbox"/>

**Total Credits: 16**

## Semester 3

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

**Total Credits: 15**

## Semester 4

Course Number	Course Name	Credits	Milestone	Completed
BIOL 2360	Genetics	4		<input type="checkbox"/>
BIOL 2610 †*	General Ecology	4		<input type="checkbox"/>
Additional Electives	Additional electives (see helpful hints)	5		<input type="checkbox"/>

**Total Credits: 13**

**Program Credit Total: 60**

**FINISHED**



**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 7/11/24 AT

## Helpful Hints

‡ Engl 0990 must be taken at the same time as Engl 1200

-Talk to Professor Andrew Arsham from Bemidji State Biology program ([bbp@bemidjistate.edu](mailto: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

-BIOL 1102 is a pre-requisite for BIOL 2360 & BIOL 2610

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