

Biology Transfer Pathway (AS)

60 Credits

The Biology Transfer Pathway AS offers students a powerful option: the opportunity to complete an Associate of Science degree with course credits that directly transfer to designated biology bachelor's degree programs at Minnesota State universities.

* The curriculum has been specifically designed so that students completing this pathway degree and transferring to one of the seven Minnesota State universities enter the university with junior-year status. All courses in the Transfer Pathway associate degree will directly transfer and apply to the designated bachelor's degree programs in a related field.

*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

Core Courses – 17 Credits

Each of the following courses must be completed with a grade of C or higher:

BIOL 1501	Principles of Biology 1	5 cr
BIOL 1502	Principles of Biology 2	4 cr
BIOL 2205	Genetics	4 cr

Complete one of the following three courses:

BIOL 2206	Ecology	4 cr
BIOL 2207	Cell Biology	4 cr
BIOL 2208	Biology of Microorganisms	4 cr

Additional Required Courses – 43 Credits

ENG 1101	College Writing	4 cr
CHEM 1061	Principles of Chemistry 1	5 cr
CHEM 1062	Principles of Chemistry 2	5 cr

Complete one of the following two courses:

COMM 1101	Fundamentals of Public Speaking	3 cr
COMM 1111	Interpersonal Communication	3 cr

Complete two of the following four (or higher level) courses depending on specific major track and transfer university:

MATH 1100	College Algebra	4 cr
MATH 1150	Trigonometry	4 cr

MATH 1500	Pre-Calculus	5 cr
MATH 1510	Calculus 1	5 cr

Complete one course from MnTC Goal 5 (3 4 Credits)

Complete one course from MnTC Goal 6 (3 5 Credits)

Complete one course from MnTC Goal 7, 8, 9 or 10 (3 5 Credits)

With careful planning, courses used to satisfy Goals 5 and 6 may also be counted for Goals 7, 8, 9 or 10.

Complete additional courses to reach 60 credits total.

Other Degree Requirements

- Earn a minimum cumulative grade point average (GPA) of 2.0 for college-level coursework (courses numbered 1000 and above) completed at Normandale.
- Earn a minimum of 15 college-level credits at Normandale.

Coursework in this degree program satisfies a portion of the Minnesota Transfer Curriculum (MnTC). Please see MnTC Degree Audit Report.