

This document is designed for community college students completing the Biology Transfer Pathway A.S. with the intent to transfer to the University of St. Thomas and complete the Biology B.A. degree. Students who do not intend to complete the 60-credit degree should contact our [transfer admission team](#) to plan course selections for the major and the goal areas.

Below is the list of approved coursework from the pathway that meets general education requirements or Biology major requirements. All courses must be completed with a C- or better to transfer.

| North Hennepin Biology Pathway Credits | Credits | St. Thomas Biology Requirements Met |
|---|---------|---|
| BIOL 1101 Principles of Biology I | 4 | BIOL 101 General Biology |
| BIOL 1102 Principles of Biology II | 4 | BIOL 207 Genetics Ecology and Evolution (must complete BIOL 1101 and BIOL 1102) |
| BIOL 2360 Genetics | 4 | BIOL 298 Biology Elective |
| BIOL 2610 General Ecology | 4 | BIOL 298 Biology Elective |
| CHEM 1061 Principles of Chemistry I w/lab | 5 | CHEM 111 General Chemistry I |
| CHEM 1062 Principles of Chemistry II w/lab | 5 | CHEM 112 General Chemistry II |
| Additional Math Requirement (8-10 credits): | | |
| MATH 1150 College Algebra | 4 | MATH 199 Mathematics Elective |
| MATH 1210 Applied Statistics* | 3 | STAT 206 Statistics for Business |
| MATH 1170 Pre-Calculus | 4 | MATH 105 Precalculus |
| MATH 1221 Calculus I* | 5 | MATH 113 Calculus I |
| Goal area 1 – ENGL 1201*, COMM 1310 | 7 | Meets English requirement; Comm = Global Perspective |
| Goal area 2 – | | St. Thomas recommends competition of MnTC or A.A. degree |
| Goal area 3 - Met in major courses | 10 | |
| Goal area 4 – Met in major courses | | |
| Goal area 5 – PSYC 1150, PSYC 1170, SOC 2210 | 3 | Meets social science analysis requirement |
| Goal area 6 – ART 1040 or 1601 or MUSC 1220 or TFT 1250 | 3 | Meets fine arts requirement |
| Goal area 7-10 – HIST 1020 or 1210* | 3 | Meets history requirement |
| Total credits for A.A Degree | 60 | |
| *Course has a prerequisite. See course schedule or catalog description. | | |

| Remaining major courses for Biology B.S. degree | Credits |
|---|----------------|
| BIOL 208 Biological Communication and Energetics | 4 |
| BIOL 209 Biology of Sustainability | 4 |
| Complete 28 credits from the elective list: 16 credits must include a lab component, 4 credits at 4XX level | 28 |
| Allied course requirements: | |
| CHEM 111 General Chemistry I and CHEM 112 General Chemistry II or CHEM 115 Accelerated General Chemistry** | 0-4 |
| STAT 220 Statistics I* (Must take STAT 201 if you take MATH 1210 at North Hennepin) or STAT 310 Biostatistics or MATH 303 Statistics for the Applied Sciences** | 0-4 |
| MATH 109 Calculus with Review II or MATH 113 Calculus I** | 0-4 |
| Complete 1 additional course from the allied elective list with faculty approval | 4 |
| ** May transfer in from the biology pathway | |
| Total for major | 40 - 56 |
| Remaining graduation requirements for a B.S. degree | Credits |
| 1 Theology course and 1 Philosophy course | 8 |
| Elective credits to reach a minimum of 129 credits | 5 - 21 |
| Total credits completed at university | 69 |
| Total credits for B.S. degree | 129 |

| Remaining major courses for Biology B.A. degree | Credits |
|--|----------------|
| BIOL 208 Biological Communication and Energetics | 4 |
| BIOL 209 Biology of Sustainability | 4 |
| Complete 18 credits from the elective list: No more than 4 credits from courses numbered BIOL 210-298, 8 credits must include a lab component, 4 credits at 4XX level | 18 |
| Allied course requirements: | |
| CHEM 100: Chemistry in Our World or CHEM 101: Environmental Chemistry or CHEM 108: Chemistry for Nursing or CHEM 109: General Chemistry for ENGR or CHEM 111: General Chemistry I or CHEM 112: General Chemistry II or CHEM 115: Accelerated General Chemistry** | 0-4 |
| STAT 220 Statistics I** (Must take STAT 201 if you take MATH 1210 at North Hennepin) | 0-4 |
| ** May transfer in from the biology pathway | |
| Total for major | 26 - 34 |
| Remaining graduation requirements for a B.A. degree | Credits |
| 1 Theology course and 1 Philosophy course | 8 |
| Elective credits to reach a minimum of 129 credits | 27 - 35 |
| Total credits completed at university | 69 |
| Total credits for B.A. degree | 129 |

Advising Notes:

Biology degree can be completed as a BS or BA degree: <https://www.stthomas.edu/catalog/current/biol/>

All sequence courses should be completed at the same institution. Ex. Principles of Biology I & II, College Physics I & II.

Microbiology is required as an upper-division course for many graduate programs. If you plan to go on to graduate school, Microbiology should be taken after transfer.

The choice of elective courses should be based on your intended career and graduate school goals. Please contact Kristian Santiago at kristian.santiago@stthomas.edu for assistance before signing up for elective coursework. Consult with Kristian when choosing courses for goal areas 5-10 to maximize meeting St Thomas' graduation requirements. This pathway assumes the student completes the MnTC before transferring to St. Thomas. Completion of the MnTC is highly encouraged to avoid extending your graduation timeline.

Students transferring in at junior status should have the following courses completed in the major prior to transfer:

BIOL 1101 and BIOL 1102, CHEM 1061 and CHEM 1062, and MATH 1210 and MATH 1221

Transfer application link:

<https://www.stthomas.edu/admissions/undergraduate/transfer/apply/index.html>