

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. or B.S. 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.

Minneapolis College Biology Pathway Credits	Credits	St. Thomas Biology Requirements Met
BIOL 2200 Biology 1	4	BIOL 101 General Biology
BIOL 2202 Biology 2	4	BIOL 207 Genetics Ecology and Evolution (must complete BIOL 2200 and BIOL 2202)
BIOL 2205 Genetics	4	BIOL 298 Biology Elective
Choose One: BIOL 2235 Microbiology or BIOL 2245 Ecology	4	BIOL 256 Foundations of Microbiology and Health BIOL 298 Biology Elective
Choose two BIOL or CHEM elective CHEM 2224 Organic Chemistry I w/lab CHEM 2225 Organic Chemistry II w/lab	6 6	CHEM 201 Organic Chemistry I CHEM 202 Organic Chemistry II
Additional Math Requirement (8-10 credits): MATH 1150 Statistical Analysis* MATH 1110 College Algebra MATH 1180 Calculus I* MATH 1190 Calculus II*	4 5 5	STAT 206 Introductory Statistics I MATH 105 Precalculus MATH 113 Calculus I MATH 114 Calculus II
Goal area 1 – ENGL 1110* and 1111*, CMST 1012*	7	Meets English requirement, meets Global requirement
Goal area 2 –		St. Thomas recommends competition of MnTC or A.A. degree
Goal area 3- CHEM 1151 Principles of Chemistry I w/lab CHEM 1152 Principles of Chemistry II w/lab	10	CHEM 111 General Chemistry I CHEM 112 General Chemistry II
Goal area 4 – Met in major courses		
Goal area 5 – ECON 2000 or ECON 2200 or PSYC 1110	3	Meets social science analysis requirement
Goal area 6 – MUSC 1010 or MUSC 1060 or THTR 1131*	3	Meets fine arts requirement
Goal area 7-10 – HIST 1100 or 1110*	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	0-8
STAT 220 Statistics I (Must take STAT 201 at St. Thomas if MATH 1150 taken at MCTC) or STAT 310 Biostatistics or MATH 303 Statistics for the Applied Sciences**	2-4
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	42 - 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 - 19
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	0-8
STAT 220 Statistics I (Must take STAT 201 at St. Thomas if MATH 1150 taken at MCTC)	2-4
** May transfer in from the biology pathway	
Total for major	28 - 38
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	23 - 33
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. General Biology I & II, Introduction to 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 2200 and BIOL 2202, CHEM 1151 and CHEM 1152, and MATH 1050 and MATH 1180

Transfer application link:

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