

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 a 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.

Anoka Ramsey Biology Pathway Credits	Credits	St. Thomas Biology Requirements Met
BIOL 1106 Principles of Biology I	4	BIOL 101 General Biology
BIOL 1107 Principles of Biology II*	4	BIOL 207 Genetics Ecology and Evolution (must complete BIOL 1106 AND BIOL 1107)
BIOL 2202 Genetics*	4	BIOL 298 Biology Elective
<b>Restricted Biology Electives</b> Choose One of the following: BIOL 2201 Microbiology* BIOL 2208 Cell Biology* BIOL 2209 General Ecology*	4 4 4	BIOL 256 Foundations of Microbiology and Health BIOL 208 Biological Communication and Energetics BIOL 298 Biology Elective
Additional BIOL/Math electives: CHEM 2061 Organic Chemistry I* <b>OR</b> CHEM 2062 Organic Chemistry II* MATH 1114 Introduction to Statistics* MATH 1400 Calculus I* <b>OR</b> MATH 1401 Calculus II*	14 -15	CHEM 201 Organic Chemistry I CHEM 202 Organic Chemistry II STAT 220 Statistics I MATH 113 Calculus I MATH 114 Calculus II
Goal area 1 – ENGL 1121*, CMST 2210*	7	ENGL 121, COMM 370 meets multiple requirements
Goal area 2 – Must complete for MnTC/A.A.		
Goal area 3- CHEM 1061 General Chemistry I w/lab CHEM 1062 General Chemistry II w/lab	4 4	CHEM 111 General Chemistry I (Requirement for biology) CHEM 112 General Chemistry II (Requirement for biology)
Goal area 4 – Met in major courses		
Goal area 5 –ECON 2205, PSYC 1110 or SOC 1111	3	Meets social science analysis requirement
Goal area 6 – ART 1100, MUSC 1101 or THTR 1101	3	Meets fine arts requirement
Goal area 7-10 – HIST 1121, 1141 or 2211	3	Meets history requirement
Additional courses to meet the credit requirements.	6	
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 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** 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	36-52
<b>Remaining graduation requirements for a B.S. degree</b>	<b>Credits</b>
1 Theology course and 1 Philosophy course	8
Elective credits to reach a minimum of 129 credits	9-25
Total credits completed at university	69
Total credits for B.S. degree	129

Remaining major courses for Biology B.A. degree	Credits
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**	0-4
MATH 113 Calculus I**	0-4
** May transfer in from the biology pathway	
Total for major	22-34
<b>Remaining graduation requirements for a B.A. degree</b>	<b>Credits</b>
1 Theology course and 1 Philosophy course	8
Elective credits to reach a minimum of 129 credits	27 - 39
Total credits completed at university	69
Total credits for B.A. degree	129

**Advising Notes:**

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

All sequence courses should be completed at the same institution. Ex. Organic Chemistry 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](mailto: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 before transfer: BIOL 1106 and 1107, CHEM 1061 and 1062, and MATH 1400.

**Transfer application link:**

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