UNIVERSITY OF St.Thomas

CENTURY COLLEGE
BIOLOGY TRANSFER PATHWAY

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 Communication major requirements. All courses must be completed with a C- or better to transfer.

Century College Biology Pathway Credits	Credits	St. Thomas Biology Requirements Met
BIOL 1041 Principles of Biology I w/lab	5	BIOL 101 General Biology
BIOL 1042 Principles of Biology II w/lab	5	BIOL 207 Genetics Ecology and Evolution (must complete BIOL 1041 and BIOL 1042)
BIOL 2028 Ecology	4	BIOL 298 Biology elective
BIOL 2038 Genetics	4	BIOL 298 Biology elective
Additional Math Requirement (2 courses): MATH 1025 Statistics* MATH 1061 College Algebra I MATH 1062 College Algebra II w/Trigonometry* MATH 1070 Survey of Calculus MATH 1081 Single Variable Calculus I* MATH 1082 Single Various Calculus II*	8 -10	 STAT 220 Statistics I MATH 103 College Algebra MATH 104 Trigonometry MATH 111 Calculus/Business and Social Science MATH 113 Calculus I MATH 114 Calculus II
Goal area 1 – ENGL 1021* and 1022*, COMM 1051*	7	Meets English requirement, meets Global requirement
Goal area 2 – Fulfilled when all MnTC goals are complete		St. Thomas recommends competition of MnTC or A.A. degree
Goal area 3- CHEM 1041 Principles Chemistry I w/lab CHEM 1042 Principles 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 1021 or 1023, PSYC 1020 or SOC 1020*	3	Meets social science analysis requirement
Goal area 6 – ART 1021, MUSC 1035, 1045, 2051 or THTR 1020*	3	Meets fine arts requirement
Goal area 7-10 – HIST 1051 or 1060 OR 1061*	6	Meets history requirement
Additional courses to meet the credit requirement. CHEM 2041	7-9	 CHEM 201 Organic Chemistry major 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** or STAT 310 Biostatistics ** or MATH 303 Statistics for 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 Core and Elective 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**	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. 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 before transfer: BIOL 1041 and 1042, CHEM 1041 and 1042, and MATH 1070.

Transfer application link:
https://www.stthomas.edu/admissions/undergraduate/transfer/apply/index.html