



This guide is intended for students completing the Biology A.S. Transfer Pathway. Students who do not intend to complete the 60-credit program should contact Grace at grace-koehn@bethel.edu for course selection advice. All courses must be completed with a C or better to transfer. If planning to apply to graduate school, courses should be graded a B or better. Although not required, completing the MnTC prior to transfer is an option for students.

The table below lists the courses that have approved equivalencies at Bethel or fulfill requirements for the Biology B.A. or B.S. major and general graduation requirements.

Alexandria Technical & Community College course	Credits	Bethel University course
BIOL 1450 & 1452 General Biology I&II	8	Meets BIO 124 & 128 Integrative Biology sequence
<i>BIOL 2230 Genetics</i>	4	Biology molecular area choice - BIO 332 & 333 Genetics
BIOL 2225 Microbiology	3	Biology elective - BIO 234 & 235 Microbiology
General Elective(s): BIOL 1416 Essentials of Anatomy & Physiology OR BIOL1417 & BIOL1419 Human Anatomy & Physiology I & II BIOL1430 & 1431 People and the Environment & <i>lab</i> PHYS1407 College Physics I & PHYS1408 lab	8	Biology organismic area choice BIO 238 & 239 Human Anatomy and Physiology & lab OR Biology organismic area choice BIO214 & 215 Hum Anat & lab and Biology elective BIO216 & 217 Human Phys & lab ENS104 & 104D Environment and Humanity & <i>lab</i> (counts toward environmental science BS only) PHY202 & 202D Introductory Physics I & lab
Goal area 1 - 2 written courses, 1 oral course	9	Meets GES 160 Inquiry Seminar requirement
Goal area 2 – fulfilled with MnTC		
Goal area 3 - CHEM 1500 & 1505 General Chemistry	8	CHE 113 & 214 General Chemistry I & II and labs
Goal area 4 – MATH 1420 College Algebra & MATH 1447 Intro to Statistics	7	Meets Math (M) course requirement
Goal area 5 – two courses	3	Meets Global Perspectives requirement
Goal area 6 – six credits from a minimum of 2 disciplines	6	Meets Personal Development requirement
Goal area 7-10 – one course in each, can be met by previous goal area	3	Meets general education if MnTC is complete
Any additional courses required to complete A.S. degree	Varies	
Total credits for A.S. degree	60	

Remaining major courses for Biology B.A. degree	Credits
BIO 218 Biology in a Changing World	3
BIO 399 Introduction to Research	4
BIO 461 Internship in Biology or BIO 496/497 Biology Research	2-3
BIO 495 Biology Seminar	2
BIO 499 Biology Symposium	0
Biology environmental area choice	4
Biology organismic area choice (if not met in AS)	4
Biology electives (depending on electives in AS)	8-12
Total major specific credits	26-31



Remaining major courses for Biology B.S. degree	Credits
BIO 218 Biology in a Changing World	3
BIO 399 Introduction to Research	4
BIO 461 Internship in Biology or BIO 496/497 Biology Research	2-3
BIO 495 Biology Seminar	2
BIO 499 Biology Symposium	0
CHE 224 & 226 Organic Chemistry I&II with labs	8
Physics I&II elective (if not met in AS)	8
Biology environmental area choice	4
Biology organismic area choice (if not met in AS)	4
Biology electives (depending on electives in AS)	8-12
Total major specific credits	51-52

Remaining graduation requirements for B.A. or B.S. degree	Credits
GES 130 Christianity Western Culture	4
Biblical Foundations course	3
Contemporary Christian Issue (P)	3
A or Q course (if MnTC is not completed)	1-4
G, U, or S course (if MnTC is not completed)	3-4
Electives to reach 122 credits	Varies
Total credits completed at Bethel University	62
Total credits for B.A. or B.S. degree	122