



Degree Pathway – A.S. Biotechnology [2042] – Two Year Plan

The following is a recommended sequence of courses for completing this program. Developmental courses and prerequisite courses may not all be listed on the pathway below. Developmental courses and prerequisite course requirements, credit load and/or course availability may affect a student’s individual progress. The pathway below is specifically intended for full-time students who begin their course work with the Fall semester. Students should always consult their online degree planner for the catalog year that they entered the college and meet with their program manager for advising each semester to better understand typical course availability and individual program planning as this plan is subject to change.

Required Courses and Recommended Sequence

Semester One - Fall

ENC 1101 Written Communication I	3 credits
MAC 1105 College Algebra <i>Gen Ed Area II Mathematics</i>	3 credits
BSC 1421 Introduction to Biotechnology	1 credit
BSC 2010C Fundamentals of Biology I <i>Gen Ed Area V Natural Science</i>	5 credits
Total Credit Hours	12 credits

Semester Two - Spring

BSC 2420C Introduction to Biotechnology Methods	4 credits
Gen Ed Area IV Humanities	3 credits
Gen Ed Area III Social Science <i>or</i> BSC 2435 Introduction to Bioinformatics	3 credits
STA 2023 Elementary Statistics <i>or</i> MCB 2010C Microbiology	3 credits
Total Credit Hours	13 credits

Semester Three – Summer

BSC 2427C Biotechnology Methods II	4 credits
MCB 2010C Microbiology <i>or</i> STA 2023 Elementary Statistics	4 credits
BSC 1010 Human Body	3 credits
Total Credit Hours	11 credits

Semester Four - Fall

BSC 2426C Biotechnology Methods I	4 credits
BSC 2419C Plant and Animal Cell Culture	4 credits
CHM 2045C General Chemistry I	5 credits
Total Credit Hours	13 credits

Semester Five - Spring

BSC 2943C Biotechnology Internship	3 credits
CHM 2046C General Chemistry II	5 credits
BSC 2435 Introduction to Bioinformatics <i>or</i> Gen Ed Area III Social Science	3 credits

BSC 2031 Topics in Biology – Bioethics	1 credit
Total Credit Hours	12 credits
Total Degree Credit Hours	61 credits