

PBSC Follow *to* Finish

To stay on track, follow the sequence and complete on time!

ASSOCIATE IN SCIENCE > Career Pathway: Science, Technology, Engineering and Mathematics Biotechnology AS

		Credits	CREDIT CERTIFICATES	
			C1	C2
Year	Fall Term	14		
➡	ENC1101 College Composition 1	3		
➡	Any course from Mathematics Area III with a MAC prefix*	3	🛡️	
➡	BSC1010 Principles of Biology 1	3	🛡️	
➡	BSC1010L Principles of Biology 1 Lab	1	🛡️	
➡	CHM1045 General Chemistry 1	3	🛡️	
➡	CHM1045L General Chemistry 1 Lab	1	🛡️	
	Spring Term	16		
	BSC2421 Introduction to Biotechnology	3	🛡️	🛡️
	-and-			
	BSC2421L Introduction to Biotechnology Lab	2	🛡️	🛡️
	-or-			
	BSC1404C Introduction to Biotechnological Methods	(5)		
	Any course from Humanities - Area II	3		
	CHM1046 General Chemistry 2	3	🛡️	
	CHM1046L General Chemistry 2 Lab	1	🛡️	
	MCB2010 Microbiology	3	🛡️	
	MCB2010L Microbiology Lab	1	🛡️	
Note: *Must choose MAC1105 to be awarded the Biotechnology Laboratory Specialist CCC				
**Must choose either BSC2416C or BSC2426C for the Biotechnology CCC				

		Credits	CREDIT CERTIFICATES	
			C1	C2
Year 2	Fall Term	16		
	Any course from Social Science - Area V	3		
	BSC2420 Biotechnology 1	3	🛡️	🛡️
	BSC2420L Biotechnology 1 Lab	2	🛡️	🛡️
	BSC2416C Introduction to Tissue Culture Lab**	2	🛡️	
	BSC2426C Introduction to Biotechnology Instrumentation Lab**	2	🛡️	
➡	CHM2210 Organic Chemistry 1	3		
➡	CHM2210L Organic Chemistry 1 Lab	1		
	Spring Term	13		
	BSC2427 Biotechnology 2, Molecular Biology, Cell & Immunobiology	3	🛡️	
	BSC2427L Biotechnology 2, Molecular Biology, Cell and Immunobiology Lab	2	🛡️	
	BSC2435 Introduction to Bioinformatics	1		🛡️
	CHM2211 Organic Chemistry 2	3		
	CHM2211L Organic Chemistry 2 Lab	1		
	STA2023 Statistics	3		
	Summer Term	2		
	BSC2945C Biotechnology Internship	2	🛡️	
Total Program Credits:		61		



Milestone Courses:

Take these courses in the proper order, they are the first priority for this pathway.



Course to earn a Micro-credential (or certificate) which verify, validate and attest that specific skills and/or competencies have been achieved.



Make regular appointments with an advisor to keep on track.

Certifications:

C1: Biotechnology CCC 19cr

C2: Biotechnology Laboratory Specialist CCC 30cr