

BIOTECHNOLOGY LABORATORY ASSISTANT - ACADEMIC CERTIFICATE (AC)

Certificate Plan

First Year

Fall	Credit Hours
Select one of the following MMBS options: ¹	4
Option 1:	
MMBS 250 General Microbiology	
MMBS 250L General Microbiology Lab	
Option 2:	
MMBS 260 Introduction to Cell Biology	
MMBS 260L Introduction to Cell Biology Lab	
Option 3:	
MMBS 280 Genetics	
MMBS 280L Genetics Lab	
Select one of the following CHEM options: ¹	5
Option 1:	
CHEM 253 Quantitative Analysis	
CHEM 253L Quantitative Analysis Lab	
Option 2:	
CHEM 299 Organic Chemistry II	
CHEM 299L Organic Chemistry II Lab	
Complete three credits from the following internship course:	3
BTEC 293 Biotechnology Internship	
Total Semester Credit Hours	12
Minimum Credit Hours Required	12

¹ The science course options available all have prerequisites that must be met prior to enrollment. Although this academic certificate is only 12 credits, students will need to complete additional courses in order to enroll in the MMBS and CHEM courses that are required for certificate completion.

Additional Advising Note:

The requirements for the Academic Certificate in Biotechnology Laboratory Assistant can be completed in whatever order works best for you, as long as the prerequisites for your selected courses have been met. This certificate is intended to be completed as part of an associate-level program, ideally in either [Chemistry](#) or [Biology](#). Please speak with your advisor if you need assistance with academic planning.