

# BIOTECHNOLOGY



Biotechnology Lab Science Certificate  
and Lab Animal Science Certificate

This program is located at the  
University of Maryland Baltimore  
campus at UM BioPark.

## **The Biotechnology program**

provides in-depth knowledge and laboratory benchwork, at our state-of-the-art facility located at the University of Maryland BioPark, to prepare students to work in the biotechnology field.

These programs also include an internship component for students to acquire real life experiences. The Lab Animal Certificate is aligned with the American Association of Laboratory Animal Sciences and is the only lab animal certificate program offered in the state of Maryland.

## **Endless Career Options**

Credits earned in the Biotech Lab Science and Lab Animal certificates are stackable to the Biotechnology Associates degree. Biotechnology Associate degree credits can transfer to bachelor's programs in Biology, Biotechnology and Medical Research Technology in universities and four-year colleges in and outside Maryland.

**LEARN MORE AT**  
**[bccc.edu/biotechnology](http://bccc.edu/biotechnology)**





Associate of Applied Science

60 credit hours

BCCC'S ADVANTAGE CAREER OPTIONS

- Agricultural Technician
- Biological Technician
- Biomanufacturing Technician
- Environmental Science Technician
- Food Science Technician
- Forensic Science Technician
- Lab Assistant or Technician
- Lab Animal Technician
- Faculty with in-depth knowledge
- Hands-on laboratory skills
- Small class size
- Internships in Biotechnology companies & research labs at the University of Maryland & Johns Hopkins hospitals

## SUGGESTED SEQUENCE OF COURSES

	Credits	Course No.
<b>Program Prerequisites</b>		
Intensive Program Writing	4	REN 90
Composition Skills I	4	REN 91
Composition Skills II	4	REN 92
Arithmetic	3	MAT 80
Integrated Pre-Algebra & Introductory Algebra	5	MAT 86
Integrated Elementary & Intermediate Algebra	4	MAT 87
Elementary Algebra	4	MAT 91
Intermediate Algebra	4	MAT 92
<b>1st Semester</b>		
Prep for Academic Achievement	1	PRE 100
Special Topics in Biotechnology I	3	BTC 103
General Chemistry I	4	CHE 101
Principles of Biology	4	BIO 102
Pre-Calculus I	4	MAT 128
<b>2nd Semester</b>		
Special Topics in Biotechnology II	3	BTC 104
Techniques & Instrumentation	4	BTC 105
General Chemistry II	4	CHE 102
English Writing	3	ENG 101
Health and Life Fitness	1	HLF Elec
<b>3rd Semester</b>		
Microbiology	4	BIO 212
Biotechnology Elective	4	BTC Elec
Intro. to Term Paper & Research Methods	3	ENG 102
Modern Elementary Statistics	3	MAT 107
<b>4th Semester</b>		
Genetics	4	BIO 207
Individual Study in Biology	4	BIO 199
Health and Life Fitness	1	HLF Elec
Gen. Ed. Arts & Humanities	3	AH Elec
Gen. Ed. Social & Behavioral Sciences	3	BHS Elec

## APPLY TODAY

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