BCCC
Baltimore City Community College

BIOTECHNOLOGY, AAS

Associate of Applied Science

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 Sciences 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.

Credits earned in the Biotechnology Lab and Lab Animal certificates are stackable to the Biotechnology Associate 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.

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

Learn more at
bccc.edu/biotechnology

BIOTECHNOLOGY, AAS

60 credit hours

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CAREER OPTIONS

- Biological Technician
- Biomanufacturing Technician
- Environmental Science Technician
- Food Science Technician
- Forensic Science Technician
- Lab Assistant or Technician
- Lab Animal Technician

BCCC'S ADVANTAGE

- Faculty with in-depth knowledge
- Hands-on laboratory skills
- Small class size
- Internships in Biotechnology companies & research labs at the University of Maryland

APPLY TODAY

bccc.edu/apply

SUGGESTED SEQUENCE OF COURSES

Every degree-seeking student must complete the College's General Education Requirements in addition to the requirements of his/her academic program. Through the College's General Education Requirements, students acquire basic knowledge of the disciplines in the areas of arts and humanities, social and behavioral sciences, biological and physical sciences, mathematics, English composition, and computer literacy.

1ST SEMESTER	CREDITS	COURSE #
Preparation for Academic Achievement	1	PRE 100
Computer Literacy	2	CLT 100
Special Topics in Biotechnology I	3	BTC 103
General Chemistry I	4	CHE 101
Principles of Biology	4	BIO 102
Precalculus I: College Algebra	4	MAT 128
	18 Credits	

2ND SEMESTER	CREDITS	COURSE #
Special Topics in Biotechnology II	3	BTC 104
Techniques of Instrumentation	4	BTC 105
General Chemistry II	4	CHE 102
English Writing	3	ENG 101
	14 Credits	

3RD SEMESTER	CREDITS	COURSE #
Microbiology	4	BIO 212
Biological and Physical Sciences	4	GEN ED REQ
Intro. to Term Paper & Research Methods	3	ENG 102
Modern Elementary Statistics	3	MAT 107
	14 Credits	

4TH SEMESTER	CREDITS	COURSE #
Genetics	4	BIO 207
Biotechnology Capstone Course	4	BIO 299
Arts and Humanities	3	GEN ED REQ
Social and Behavioral Sciences	3	GEN ED REQ
	15 Credits	