



Life Sciences/Biotechnology and Forensic DNA

Program Goals Statement

This program is designed to provide the student with the biological and chemical background to seek employment as a lab technician in the biotechnology/biomedical sectors.

Program Information

- This program is designed to prepare students for employment as a laboratory technician in the biotechnology/biomedical sector.
- Bristol offers several tutoring services and developmental courses to meet your career and academic goals.

After Bristol

- With the continually growing biotech industry in Massachusetts, there is an ever-increasing need for laboratory technicians. The Bristol Biotechnology and Forensic DNA degree prepares students for work in both industrial and academic laboratories.
- Bristol participates in the Statewide MassTransfer program and has developed many program-to-program transfer articulation agreements which guarantee admission and credit transfer.
- For a complete listing of eligible MassTransfer programs and current articulation agreements, visit the Transfer Affairs website at www.bristolcc.edu/transfer.

Subject: Biology
Life Sciences
Type: Associate Degree

Campus

Campus:
Fall River
New Bedford
Attleboro
Item #
Title
Credits

Degree Requirements



Program Courses

Item #	Title	Credits
BIO 121	Fundamentals of Biological Science I	4
BIO 126	Introduction to Biotechnology	3
BIO 127	Introduction to Biotechniques	4
BIO 239	Elements of Microbiology	4
BIO 240	Cell Biology	4
INT 110	Internship Experience	2
BIO 250	Introduction to Immunology	4
CHM 225	Biochemistry	4
SCI 125	Social and Ethical Issues in Science, Technology, and Health Science	3
CHM 115	Health Science Chemistry I CHM 116 or CHM 113	4
CHM 114	Fundamentals of Chemistry II	4

General Courses

Item #	Title	Credits
COM 101	Fundamentals of Public Speaking	3
CSS 101	College Success Seminar	1
ENG 101	Composition I: College Writing	3
ENG 102	Composition II: Writing about Literature	3
ENG 215	Technical Writing	3
MTH 119	Fundamental Statistics	3
PSY 101	General Psychology	3

Elective Courses - Choose 1 Behavioral/Social Sciences

Item #	Title	Credits
SOC 101	Principles of Sociology	3
SOC 257	Social Issues in Loss	3

Elective Courses - Technical Literacy

Item #	Title	Credits
EGR 103	Computer Skills for Engineers and Technicians	3



Elective Courses - Choose 1 Multicultural, Global and Historic Awareness

Item #	Title	Credits
HST 113	United States History to 1877	3
HST 114	United States History from 1877	3

Recommended Course Sequence - Semester 1

Item #	Title	Credits
BIO 121	Fundamentals of Biological Science I	4
BIO 126	Introduction to Biotechnology	3
ENG 101	Composition I: College Writing	3
MTH 119	Fundamental Statistics	3
CSS 101	College Success Seminar	1
COM 101	Fundamentals of Public Speaking	3

Recommended Course Sequence - Semester 2

Item #	Title	Credits
CHM 115	Health Science Chemistry I	4
ENG 102	Composition II: Writing about Literature	3
	HST 113 or HST 114	3
BIO 127	Introduction to Biotechniques	4

Recommended Course Sequence - Semester 3

Item #	Title	Credits
CHM 116	Health Science Chemistry II	4
BIO 240	Cell Biology	4
ENG 215	Technical Writing	3
SCI 125	Social and Ethical Issues in Science, Technology, and Health Science	3
BIO 239	Elements of Microbiology	4

Recommended Course Sequence - Semester 4

Item #	Title	Credits
PSY 101	General Psychology	3
CHM 225	Biochemistry	4
BIO 250	Introduction to Immunology	4
INT 110	Internship Experience	2
	Total credits:	69-72