

BIOTECHNOLOGY CERTIFICATE

Program code: BIOT-CC

Location: Middlesex, Naugatuck Valley

Certificate Requirements

Code	Title	Credits
Required Courses		
ENG 1020 or ENG 1080	Composition II and Literature Composition II: Technical Writing	3
Choose one of the following:		3-4
BIO 1809	Principles of Biotechnology	
BIO 2095	Biotechnology Internship	
Advanced Science Elective (choose from list below)		
BIO 1810 or BIO 2822	Basic Techniques in Biotechnology Molecular Biotechniques	4
Advanced Science Electives		
Internship students or students currently employed in the Biotechnology field may prefer to select an additional Advanced Science Elective.		
Choose two of the following:		8
BIO 2020 or CHEM 2410	Biochemistry Biochemistry	
BIO 2830	Advanced Techniques in Biotechnology	
BIO 2630	Molecular Genetics	
BIO 2840	Fundamentals of Biomanufacturing	
BIO 2865	Principles of Synthetic Biology	
CHEM 1120	Principles of Organic Chemistry and Biochemistry	
CHEM 2310	Organic Chemistry I	
CHEM 2320	Organic Chemistry II	
CHEM 2510	Instrumental Analysis	
Total Credits		18-19

Total Credits: 18