

PROGRAM PLANNING GUIDE

BIOTECHNOLOGY: Bioanalytical Lab Technology A20100L

Replaces Curriculum Schedule with Revision Date: NEW

Date Revised: 2024FA

CURRICULUM BY SEMESTER

			Hours Per Week		
Course No.		Course Title	Class	Lab	Credits
Semester 1					
BIO	111	General Biology I	3	3	4
BTC	181	Basic Laboratory Techniques	3	3	4
ENG	111	Writing and Inquiry	3	0	3
ISC	121	Environmental Health & Safety	3	0	3
MAT	171	Precalculus Algebra	3	2	4
Semester 2					
BIO	112	General Biology II	3	3	4
BTC	281	Bioprocess Techniques	2	6	4
CHM	151	General Chemistry I	3	3	4
CIS	110	Introduction to Computers	2	2	3
Semester 3					
ENG	112	Writing and Research in the Disciplines	3	0	3
Semester 4					
BIO	250	Genetics	3	3	4
BTC	275	Industrial Microbiology	3	3	4
		Major Elective			3
		Chemistry Elective			4
Semester 5					
BTC	150	Bioethics	3	0	3
BTC	285	Cell Culture	3	3	4
HUM	110	Technology and Society	3	0	3
PSY	150	General Psychology	3	0	3
		Major Elective			3
Graduation Requirement Credit Hours:					67

MAJOR ELECTIVES

			Hours Per Week		Credits
Course No.		Course Title	Class	Lab	
Major Electives		Credit Hours Needed:	6		
ISC	278	cGMP Quality Systems	2	0	2
WBL	112DA	Work-Based Learning I	0	20	2
AGR	160	Plant Science	2	2	3
HOR	168	Plant Propagation	2	2	3
BTC	270	Recombinant DNA Technology	3	3	4

This program planning guide is for advising purposes only and is subject to change.

Registrar's Office Approved 6/18/24

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CHEMISTRY ELECTIVES					
Course No.		Course Title	Hours Per Week		Credits
			Class	Lab	
Major Electives		Credit Hours Needed:	4		
CHM	132	Organic and Biochemistry	3	3	4
CHM	152	General Chemistry II	3	3	4