

PROGRAM PLANNING GUIDE

BIOTECHNOLOGY: Bioprocess Manufacturing Technology A20100M

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					
BPM	110	Bioprocess Practices	3	4	5
ISC	278	cGMP Quality Systems	2	0	2
CIS	110	Introduction to Computers	2	2	3
ISC	121	Environmental Health & Safety	3	0	3
ENG	111	Writing & Inquiry	3	0	3
Semester 2					
BIO	110	Principles of Biology	3	3	4
CHM	131	Introduction to Chemistry	3	0	3
CHM	131A	Introduction to Chemistry Lab	0	3	1
BPM	111	Bioprocess Measurements	3	3	4
MAT	121	Algebra/Trigonometry I	2	2	3
Semester 3					
		Major Elective	0	0	2
Semester 4					
BPM	112	Upstream Processing	3	4	5
ENG	112	Writing/Research	3	0	3
PTC	226	Validation	3	0	3
BTC	275	Industrial Microbiology	3	3	4
Semester 5					
BPM	113	Downstream Processing	3	3	4
HUM	110	Technology & Society	3	0	3
OMT	181	Industry Reporting Skills	3	0	3
PCI	173	Programmable Systems	3	3	4
PSY	150	General Psychology	3	0	3
Graduation Requirement Credit Hours:					65

MAJOR ELECTIVES

			Hours Per Week		Credits
Course No.		Course Title	Class	Lab	
Major Electives		Credit Hours Needed:	2		
WBL	112DA	Work-Based Learning I	0	20	2
BTC	150	Bioethics	3	0	3

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

Registrar's Office Approved 6/18/24