

Required	Elective	Course	Course Name	Units	Fall 2019	Spring 2020	Summer 2020	Fall 2020	Spring 2021	Summer 2021	Fall 2021	Spring 2022	Summer 2022
B, RD, PT, LS		BTEC 110	Basic Techniques in Biotechnology	5	D/N	D/N		D/N	D/N		D/N	D/N	
B, RD, PT, LS		BTEC 120	Business and Regulatory Practices in Biotechnology	3	O	O		O	O		O	O	
B, RD		BTEC 180	Biostatistics	4	D/N	D/N	O	D	D/N		D/N	D/N	
	B, RD	BTEC 201	Advanced Cell Culture	1		N			N			N	
	B, RD	BTEC 203	Techniques in DNA Amplification (PCR)	1	N			N			N		
	B, RD	BTEC 204	Recombinant DNA	1		N			N			N	
	B, RD	BTEC 206	Principles of Separation and HPLC	1									
	B, RD	BTEC 207	Techniques in Immunochemistry and ELISA	1	N			N			N		
B, RD	PT	BTEC 210	Data Analysis with Excel	1	O	O		O	O		O	O	
B, PT		BTEC 211	Technical Writing for Regulated Environments	1	O	O		O	O		O	O	
B, PT		BTEC 221	Bioprocessing: Cell Culture and Scale-Up	1.5	D	N		D	N		D	N	
B, PT		BTEC 222	Bioprocessing: Large Scale Purifications	1.5	D	N		D/N	N		D	N	

D = planned day offering; N = planned night offering; O = planned online offering

All D and N classes may be offered with partial online content (hybrid format)

B = Biomanufacturing Certificate of Achievement / AS

RD = Research and Development Certificate of Achievement / AS

PT = Bioprocess Technology Certificate of Achievement

LS = Lab Skills Certificate of Proficiency

All planned class offerings are tentative and subject to change.

NOTE: For academic year 2020/2021, the on-going COVID-19 health crisis may affect course offerings. Plans for academic year 2021/2022 are still tentative.