

BS BIOTECHNOLOGY 2012-2013

Transfer Institution: **Great Bay Community College** (2012-2013 Catalog)

PSU Requirement (2012-13 Catalog)	Credits	Satisfied by GBCC (2012-13 Catalog)	Credits
BI 3040 Microbiology	4	BIOL 210 Microbiology: Principles and Practices	4
BI/CH Major electives	8	<i>Complete two:</i> BIOL 110, BIOL 120, BIOL 220, BIOL 230, BTEC 210, BTEC 220, CHEM 200, CHEM 205	8
CH 2330 General Chemistry I (QRCO) (TECO)	4	CHEM 115 General Chemistry I	4
CH 2340 General Chemistry II	4	CHEM 116 General Chemistry II	4
Complete two of the following:	7-8	<i>Complete two:</i>	8
MA 2140 Precalculus (QRCO)(TECO)		MATH 210 Pre-Calculus	
MA 2300 Statistics I (MATH or QRCO)		MATH 225 Probability and Statistics	
MA 2550 Calculus I (MATH or QRCO)		MATH 230 Calculus I	
MA 2560 Calculus II (MATH or QRCO)		MATH 250 Calculus II	
Complete one sequence (PH 2130-2140 or PH 2410-2440):	8		8
PH 2130 Physics I <i>and</i>		PHYS 135 College Physics I <i>and</i>	
PH 2140 Physics II <i>or</i>		PHYS 136 College Physics II <i>or</i>	
PH 2410 & PH 2430 University Physics I and Lab <i>and</i>		PHYS 290 University Physics I <i>and</i>	
PH 2420 & PH 2440 University Physics II and Lab		PHYS 295 University Physics II	
EN 1200 Composition	3	ENGL 110 <i>or</i> ENGL 214	4-3
IS 1111 The First Year Seminar	3	HUMA 150 Critical Thinking	3
CTDI Creative Thought Directions	6	<i>Complete two:</i> ARTS 103, ARTS 124, CIS 134, ENGL 114, ENGL 116, ENGL 117, ENGL 209, ENGL 218, ENGL 220, HUMA 105	6
PPDI Past and Present Directions	6	<i>Complete two:</i> HIST 120, HIST 130, HIST 201, HIST 202, HIST 203, HIST 204, HIST 210, HIST 211, HLS 120	6
SSDI Self and Society Directions	6	<i>Complete two:</i> AMER 110, BTEC 205, BUS 225, CRJ 230, HUMA 135, SOC 135	6
DICO Diversity Connection	3	ASL 110, ASL 120, BUS 116, ENGL 120, PHIL 240, POL 220, SOC 110, SOC 250, SPAN 110, SPAN 120	3
GACO Global Awareness Connection	3	AN 101, ECON 234, GEOG 110, PHIL 110, PHIL 215, SPAN 110, SPAN 120	3-4
WECO Wellness Connection	3	BIOL 106, BIOL 150, ECE 116	3
Sub-total	68-69	Sub-total	70
BI 1110 Biological Science I (TECO)	4		
BI 1120 Biological Science II	4		
BI 3050 Biotechnology (WRCO)	4		
BI 3060 Genetics	4		
BI 4100 Cell Structure and Function	4		
BI 4200 Senior Research	4		
Complete one of the following:	2		
BI 4190 Introduction to Research			
CH 4190 Introduction to Research			
CH 1050 Laboratory Safety	1		
CH 2250 Techniques in Laboratory Chemistry	2		
CH 3020 Biochemistry I	4		
CH 3370 Organic Chemistry I	4		
CH 3380 Organic Chemistry II	4		
INCO Integration Connection	3		
Electives	<u>10-9</u>		
Sub-total	54-53		
Total required for the degree	122	The maximum number of transfer credits that can be applied to a PSU bachelor degree is 90.	

Plymouth State University CURRICULUM PLANNING GUIDE with APPLICATION of TRANSFER CREDIT

<u>GBCC Courses Noted Above</u>	<u>Credits</u>
AMER 110 Introduction to American Studies	3
AN 101 Introduction to Anthropology	3
ARTS 103 Fundamentals of Acting	3
ARTS 124 Art, Design, and Color	3
ASL 110 American Sign Language I	3
ASL 120 American Sign Language II	3
BIOL 106 Human Biology	3
BIOL 110 Human Anatomy and Physiology I	4
BIOL 120 Human Anatomy and Physiology II	4
BIOL 150 Nutrition	3
BIOL 220 Principles of Genetics	4
BIOL 230 General Ecology	4
BTEC 205 Bioethics	3
BTEC 210 Biotechnology Experience I: Discovery Research	6
BTEC 220 Biotechnology Experience II: Biomanufacturing	6
BUS 116 Organizational Behavior	3
BUS 225 Personal Finance	3
CHEM 200 Organic Chemistry	4
CHEM 205 Biochemistry	4
CIS 134 Web Style and Design	3
CRJ 230 Justice and the Community	3
ECE 116 Child Health, Safety, and Nutrition	3
ECON 234 Macroeconomics	3
ENGL 110 College Composition I	4
ENGL 114 Introduction to Poetry	3
ENGL 116 Introduction to Drama	3
ENGL 117 Introduction to Literature	3
ENGL 120 Introduction to African-American Literature and Culture	3
ENGL 209 American Literature Through the Civil War	3
ENGL 214 College Composition II	3
ENGL 218 Short Story	3
ENGL 220 American Literature After the Civil War	3
GEOG 110 World Geography	3
HIST 120 Western Civilization Through 1500	3
HIST 130 Western Civilization-1500 to the Present	3
HIST 201 History of New England	3
HIST 202 United States History Through 1870	3
HIST 203 Topics in History	3
HIST 204 United States History-1870 to the Present	3
HIST 210 History of China	3
HIST 211 Modern Middle East History	3
HLS 120 Introduction to Terrorism	3
HUMA 105 Introduction to Music	3
HUMA 135 Children and the Media: Diversity Issues	3
PHIL 110 Introduction to Philosophy	3
PHIL 215 World Religions	3
PHIL 240 Ethics	3
POL 220 Public Administration	3
SOC 110 Sociology	3
SOC 135 Women's Studies	3
SOC 250 Multi Ethnic Cross-Cultural Relations	3
SPAN 110 Spanish I	4
SPAN 120 Spanish II	4