

Plymouth State University CURRICULUM PLANNING GUIDE with APPLICATION of TRANSFER CREDIT

BS BIOTECHNOLOGY 2014-2015

Student: _____
 Student ID: _____
 Enrollment Date: _____

Total semester hours required: 122
 Total semester hours transferred: _____

Plymouth Requirements	Credits	Gen Ed	Transfer Course (Title)	Credits	To Be Taken
BI 1110 Biological Science I *	4	TECO			Falls
BI 1120 Biological Science II *	4				Spring
BI 3040 Microbiology	4				Falls
BI 3050 Biotechnology	4	WRCO			Falls
BI 3060 Genetics	4				Spring
BI 4100 Cell Structure and Function	4				
BI 4200 Senior Research	4				
BI/CH Major Elective	4	not BIDI/CHDI			
BI/CH Major Elective	4	not BIDI/CHDI			
<i>Introduction to Research -</i>	2	Complete one of the following:			
BI 4190 Introduction to Research					Spring
CH 4190 Introduction to Research					Spring
CH 1050 Laboratory Safety	1				
CH 2250 Techniques in Laboratory Chemistry	2				Spring
CH 2335 General Chemistry I	4	QRCO			Falls
CH 2340 General Chemistry II	4				Spring
CH 3020 Biochemistry I	4				Falls
CH 3370 Organic Chemistry I	4				Falls
CH 3380 Organic Chemistry II	4				Spring
<i>Math Requirement -</i>	7 - 8	Complete two of the following:			
MA 2140 Precalculus		MATH			
MA 2300 Statistics I		MATH			
MA 2490 Applied Calculus I		MATH			
MA 2500 Applied Calculus II		QRCO			Spring
MA 2550 Calculus I		MATH			
MA 2560 Calculus II		QRCO			
<i>Physics -</i>	8	Complete one sequence: either (PH 2130 and PH 2140) or (PH 2410, PH 2420, PH 2430 and PH 2440).			
PH 2130 Physics I					Falls
PH 2140 Physics II					Spring
PH 2410 University Physics I					Falls
PH 2420 University Physics II					Spring
PH 2430 University Physics Laboratory I					Falls
PH 2440 University Physics Laboratory II					Spring
EN 1200 Composition	3				
IS 1111 The First Year Seminar	3	Transfers entering with 24+ credits are excused from IS 1111.			
CTDI Creative Thought Direction	3				
CTDI Creative Thought Direction	3				
PPDI Past and Present Direction	3				
PPDI Past and Present Direction	3				
SSDI Self and Society Direction	3				
SSDI Self and Society Direction	3				
DICO Diversity Connection	3				
GACO Global Awareness Connection	3				
INCO Integration Connection	3				
WECO Wellness Connection	3				
Electives	10-9				

*If BI 1110 and BI 1120 are satisfied by exam or Advanced Placement, students must choose **eight** credits from introductory Zoology or Botany courses (BI 2030, BI 2040, BI 2070). Biotechnology majors may **not** declare the Biology minor.