

Plymouth State University CURRICULUM PLANNING GUIDE with APPLICATION of TRANSFER CREDIT

BS CHEMISTRY 2012-2013

Student: _____
 Student ID: _____
 Enrollment Date: _____

Option: **Biochemistry**
 Total semester hours required: 120
 Total semester hours transferred: _____

Plymouth Requirements	Credits	Gen Ed	Transfer Course (Title)	Credits	To Be Taken
CH 1050 Laboratory Safety	1				
CH 2250 Techniques in Laboratory Chemistry	2				Spring
CH 2330 General Chemistry I	4	QRCO, TECO			Fall
CH 2340 General Chemistry II	4				Spring
CH 3020 Biochemistry I	4				Fall
CH 3370 Organic Chemistry I	4				Fall
CH 3380 Organic Chemistry II	4				Spring
CH 3400 Instrumental Analysis	4	TECO			Odd Fall
CH 3450 Physical Chemistry: Thermodynamics and Kinetics	4				Even Fall
CH 3460 Physical Chemistry: Quantum Mechanics and Spectroscopy	4	WRCO			Odd Spring
CH 3500 Inorganic Chemistry	4				Even Spring
CH 4025 Biochemistry II	4				Even Spring
CH 4190 Introduction to Research	2				Spring
CH 4530 Senior Research	4				Fall
<i>Bio Molecular elective -</i>	4	Complete one of the following:			
BI 3040 Microbiology					Fall
BI 3050 Biotechnology		WRCO			Fall
BI 3060 Genetics					Spring
<i>Calculus - complete one sequence:</i>	8	Complete either (MA 2490 and MA 2500) or (MA 2550 and MA 2560).			
MA 2490 Applied Calculus I <i>and</i>		MATH			
MA 2500 Applied Calculus II or		QRCO			Spring
MA 2550 Calculus I <i>and</i>		MATH			
MA 2560 Calculus II		QRCO			
PH 2410 University Physics I	3				Fall
PH 2420 University Physics II	3				Spring
PH 2430 University Physics Laboratory I	1				Fall
PH 2440 University Physics Laboratory II	1				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	15				

The Bio Molecular elective has prerequisites that are not required by the Option.