Plymouth State University **CURRICULUM PLANNING GUIDE** with APPLICATION of TRANSFER CREDIT

BS BIOTECHNOLOGY 2012-2013

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				Springs
BI 3040	Microbiology	4				Falls
BI 3050	Biotechnology	4	WRCO			Falls
BI 3060	Genetics	4				Springs
BI 4100	Cell Structure and Function	4				Falls
BI 4200	Senior Research	4				
BI/CH	Major elective	4	**not** BIDI/CHDI			
BI/CH	Major elective	4	**not** BIDI/CHDI			
Intro to Research - complete **one** of the following:		2				
BI 4190	Introduction to Research					Springs
CH 4190	Introduction to Research					Springs
CH 1050	Laboratory Safety	1				
CH 2250	Techniques in Laboratory Chemistry	2				Springs
CH 2330	General Chemistry I	4	QRCO, TECO			Falls
CH 2340	General Chemistry II	4				Springs
CH 3020	Biochemistry I	4				Falls
CH 3370	Organic Chemistry I	4				Falls
CH 3380	Organic Chemistry II	4				Springs
Math Requirement - complete **two** of the following:		7 - 8				
MA 2140	Precalculus		MATH			
MA 2300	Statistics I		MATH			
MA 2490	Applied Calculus I		MATH			
MA 2500	Applied Calculus II		QRCO			Springs
MA 2550	Calculus I		MATH			
MA 2560	Calculus II		QRCO			
Physics - complete **one sequence**:		8	Complete **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					Springs
PH 2410	University Physics I					Falls
PH 2420	University Physics II					Springs
PH 2430	University Physics Laboratory I					Falls
PH 2440	University Physics Laboratory II					Springs
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.

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Director of Curriculum Support