



SAMPLE FOUR YEAR PLAN BS IN BIOLOGY WITH A CONCENTRATION IN CELLULAR AND MOLECULAR BIOLOGY

Study Abroad Option

The curriculum in our degree program is structured so that students move through classes in a prescribed order. Prerequisites are important and are strongly enforced. This is a sample plan for completing this degree in eight semesters, including one semester abroad. Students are not limited to this plan; it is meant to be used as a guide for planning purposes. Meet with your advisor as soon as you can to discuss a plan of action that works best for you.

FIRST YEAR					
Fall			Spring		
		Credits		STUDY ABROAD	Credits
CC1.1	ENGL 1112/3 Sem Acad Inquiry♦	3	MR	BIOL 2254 Bio II:Organisms&Evol♦	4
MR	BIOL 2253 Bio I: Basis of Life♦	4	CC3.2	MATH 1117 Calculus I♦	4
CC4.1	CHEM 1115 General Chem I♦	3	MR	CHEM 1116 General Chem II♦	3
CC4.1	CHEM 1117 General Chem I Lab	1	MR	CHEM 1118 General Chem II Lab	1
CC5.1	UNIV 1141 Acad Res/Proj Mgmt	3	CC8.1	Global&Intercultural Awareness	3
	Total Credits this semester	14		Total Credits this semester	15

SECOND YEAR					
Fall			Spring		
		Credits			Credits
MR	BIOL 3306 Genetics♦	3	MR	BIOL 3301 Microbiology with lab♦	4
MR	CHEM 2201 Organic Chemistry I♦	3	MR	CHEM 2202 Organic Chem II♦	3
MR	CHEM 2203 Organic Chem I Lab	1	MR	CHEM 2204 Organic Chem II Lab	1
CC3.1	MATH 2228 Elem Statistics♦	4	CC9.1	Perspectives on Creative Arts	3
CC2.1	COMM 1130 Communication	3	MR	BIOL 3393 Scien Eval&Wrt♦ (W)	3
				Free Elective	3
	Total Credits this semester	14		Total Credits this semester	17

THIRD YEAR					
Fall			Spring		
		Credits			Credits
MR	PHYS 1103 OR 1150 Physics I w/♦	4	MR	PHYS 1104 OR 2205 Phys II w/♦	4
CC4.2	BIOL 3311 Molecular Biology w/♦	4	CC4.2	BIOL 4461 Biochemistry w/♦	3
	Free Elective	3	CC4.2	BIOL 4462 Biochemistry Lab♦	1
	Free Elective	3		Free Elective	3
				Free Elective	3
	Total Credits this semester	14		Total Credits this semester	14

FOURTH YEAR					
Fall			Spring		
		Credits			Credits
MR	BIOL 3308 Cell Biology w/lab♦	4	MR	BIOL 4520 Bioinformatics♦	3
MR	BIOL Restricted Elective♦+	3 or 4	MR	BIOL Restricted Elective♦+	3 or 4
	Free Elective	3	CC6.1	Historical Perspectives	3
CC7.1	The Individual and Society	3		Free Elective	3
	Free Elective	3		Free Elective	3
	Free Elective	3	MR	BIOL 4460 Senior Sem (if req'd)	1
	Total Credits this semester	19 to 20		Total Credits this semester	16-17

Courses that do not count as electives or for graduation (included in GPA):	
M 103 Math Fundamentals	3
E 103 English Fundamentals	3

Every student must complete a course that has been designated as satisfying Writing Across the Curriculum constraints

Minimum Total Credits: 122 to 124

Code	
CC	Required University Core Competency - see advisor for selection
MR	Major Requirement - Minimum 2.00 QPR
♦	This course has a prerequisite
+	Choose from BIOL 4470, 4501, 4503, 4506, or 4513