



## SAMPLE FOUR YEAR PLAN BS IN GENETICS AND BIOTECHNOLOGY (GENERAL)

### 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		Credits	
CC1.1	ENGL 1112/3 Sem Acad Inquiry	3	
MR	BIOL2253 Biology for Majors I w/L	4	
CC4.1	CHEM 1115 General Chemistry I♦	3	
CC4.1	CHEM 1117 General Chem I Lab	1	
CC5.1	Study of Life Common course	3	
Total Credits this semester		14	

Spring	STUDY ABROAD	Credits
MR	BIOL2254 Biol for Majors II w/L♦	4
CC3.2	MATH1117 Calculus I♦	4
MR	CHEM 1116 General Chemistry II♦	3
MR	CHEM 1118 General Chem II Lab	1
CC8.1	Global and Intercultural Awareness	3
Total Credits this semester		15

SECOND YEAR			
Fall		Credits	
MR	BIOL3301 Microbiology with lab♦	4	
MR	CHEM 2201 Organic Chemistry I♦	3	
MR	CHEM 2203 Organic Chemistry I Lab	1	
CC3.1	MATH 2228 Elem Statistics♦	4	
CC2.1	COMM 1130 Principles of Communication	3	
Total Credits this semester		15	

Spring		Credits
MR	BIOL3306 Genetics♦	3
MR	CHEM 2201 Organic Chemistry II♦	3
MR	CHEM 2203 Organic Chemistry II Lab	1
MR	BIOL3393 Scientific Evaluation and Writing	3
	Free Elective	3
	Free Elective	3
MR	BIOL 2292 Seminar in Biology Careers	1
Total Credits this semester		17

THIRD YEAR			
Fall		Credits	
MR	PHYS1103 OR PHYS1150 Physics I w/l♦	4	
CC4.2	BIOL3311 Molecular Biol with lab♦	4	
MR	Elective	3	
	Elective	3	
CC6	Historical Perspectives	3	
Total Credits this semester		17	

Spring		Credits
CC4.2	BIOL4461 Biochemistry	3
CC4.2	BIOL4462 Biochemistry Lab	1
MR	PHYS1104 OR PHYS2205 Physics II w/L♦	4
MR	BIOL 3350 Evolutionary Biology♦	3
	Free Elective	3
Total Credits this semester		14

FOURTH YEAR			
Fall		Credits	
MR	BIOL4506 Mol. Gen. & Genomics♦	3	
CC9.1	Perspectives on Creative Arts	3	
CC7.1	PHIL2222 Ethics	3	
MR	BIOL Restricted Elective*♦	3 or 4	
MR	BIOL3308 Cell Biology with Lab♦	4	
Total Credits this semester		16 - 17	

Spring		Credits
MR	BIOL 3304 Immunology	3
MR	BIOL4470 Molecular Biotech♦	3
MR	CHEM 2221 Inst Meth w/lab	4
MR	BIOL4520 Bioinformatics♦	3
Total Credits this semester		13

Courses that do not count as electives or for graduation (included in GPA):	
E 101 Reading or E 102 Read/Spkg	3
E 103 English Fundamentals	3
M 103 Math Fundamentals	3

Minimum Total Credits: 122 to 123

Code	
CC	Required University Core Competency - see advisor for selection
MR	Major Requirement - Minimum 2.00 QPR
*	An advanced course
♦	This course has a prerequisite