

BIO: Cell Bio and Biotechnology Academic Map

Name: _____

ID: _____

This academic map is a suggested four-year schedule of courses based on degree requirements in the GGC catalog. This sample schedule serves as a general guideline to help build a full schedule each term. **Missing milestones could delay your program.**

FRESHMAN FALL		FRESHMAN SPRING		FRESHMAN SUMMER	
Course	Hours	Course	Hours	Course	Hours
<input type="checkbox"/> ENGLISH COMPOSITION 1 ENGL 1101	3	<input type="checkbox"/> ENGLISH COMPOSITION 2 ENGL 1102	3	Recommend taking classes in the summer to stay on track	
<input type="checkbox"/> PRE-CALCULUS MATH 1113	4	<input type="checkbox"/> CALCULUS MATH 2200	4	<i>Potential Summer Activities:</i>	
<input type="checkbox"/> PRINCIPLES OF CHEMISTRY 1 CHEM 1211K	4	<input type="checkbox"/> PRINCIPLES OF CHEMISTRY 2 CHEM 12112K	4	<ul style="list-style-type: none"> Research program requirements for graduate and/or professional schools 	
<input type="checkbox"/> PRINCIPLES OF BIOLOGY 1 BIOL 1107K	4	<input type="checkbox"/> PRINCIPLES OF BIOLOGY 2 BIOL 1108K	4	<ul style="list-style-type: none"> Shadow a professional in your career field Study Abroad Volunteer 	
TOTAL	15	TOTAL	15		
RUNNING TOTAL	15	RUNNING TOTAL	30		
SOPHOMORE FALL		SOPHOMORE SPRING		SOPHOMORE SUMMER	
<input type="checkbox"/> U.S. HISTORY HIST 2111 OR 2112	3	<input type="checkbox"/> INTRODUCTION TO COMPUTING TEC 1001	4	Recommend taking classes in the summer to stay on track	
<input type="checkbox"/> CHOICES FOR LIFE PHED 1101	1	<input type="checkbox"/> ORGANIC CHEMISTRY 2 CHEM 2211K	4	<i>Potential Summer Activities:</i>	
<input type="checkbox"/> ORGANIC CHEMISTRY 1 CHEM 22111K	4	<input type="checkbox"/> GENETICS BIOL 3200K	4	<ul style="list-style-type: none"> Shadow a professional in your career field 	
<input type="checkbox"/> CELL BIOLOGY BIOL 3400K	4	<input type="checkbox"/> MICROBIOLOGY BIOL 3300K	4	<ul style="list-style-type: none"> Participate in a Summer R.E.U. (Research Experience for Undergraduate) Study Abroad Volunteer 	
<input type="checkbox"/> INTRO TO STATISTICS MATH 2000	3				
TOTAL	15	TOTAL	16		
RUNNING TOTAL	45	RUNNING TOTAL	61		
JUNIOR FALL		JUNIOR SPRING		JUNIOR SUMMER	
<input type="checkbox"/> PHYSICAL EDUCATION Any PHED except 1101	1	<input type="checkbox"/> SOCIAL SCIENCE PSYC 1102/SOCI 1101/ANTH 1102/ECON 2100	3	Recommend taking classes in the summer to stay on track	
<input type="checkbox"/> HUMANITIES / FINE ARTS 2 RELN 1100 / GEOG 1101 / 2000-LEVEL FOREIGN LANGUAGE	3	<input type="checkbox"/> HUMANITIES/FINE ARTS 1 ENGL 21XX/MUSIC 1100/ARTS 1100	3	<i>Potential Summer Activities:</i>	
<input type="checkbox"/> BIOTECHNOLOGY BIOL 3900	4	<input type="checkbox"/> PHYSICS 2 PHYS 1112K OR PHYS 2212K	4	<ul style="list-style-type: none"> Shadow a professional in your career field 	
<input type="checkbox"/> ITEC 2XXX ITEC 2110 or 2120	4	<input type="checkbox"/> BIOTECHNOLOGY LAB BIOL 4300K	4	<ul style="list-style-type: none"> Participate in a Summer R.E.U. (Research Experience for Undergraduate) Prepare for entrance exams for graduate and/or professional school Biology Internship 	
<input type="checkbox"/> PHYSICS 1 PHYS 1111K OR PHYS 2211K	4	<input type="checkbox"/> BIOINFORMATICS BIOL 4200	1		
TOTAL	15	TOTAL	15		
RUNNING TOTAL	76	RUNNING TOTAL	91		
SENIOR FALL		SENIOR SPRING		Graduation in May!	
<input type="checkbox"/> BIOCHEMISTRY BCHM 3100K	4	<input type="checkbox"/> INTERDISCIPLINARY APPLICATIONS OF BIO BIOL 4700	3		
<input type="checkbox"/> RESEARCH/INTERNSHIP STEC 4500 OR BIOL 4800 OR BIOL 4560 OR BIOL 4570	3	<input type="checkbox"/> PHYSICAL EDUCATION ANY PHED except 1101	1		
<input type="checkbox"/> ELECTIVE 3000-4000 LEVEL	3	<input type="checkbox"/> ELECTIVE 3000-4000 LEVEL	4		
<input type="checkbox"/> AMERICAN GOVERNMENT POLS 1101	3	<input type="checkbox"/> ELECTIVE 3000-4000 LEVEL	4		
<input type="checkbox"/> ELECTIVE 3000-4000 LEVEL	4	<input type="checkbox"/> HISTORY HIST 1111, 1112, 1121, 1122, 2111, or 2112 (take one of these courses not already completed)	3		
TOTAL	17	TOTAL	15		
RUNNING TOTAL	118	RUNNING TOTAL	123		

This map is not a substitute for academic advisement—contact your advisor if you have any questions about scheduling or about your degree requirements. Also see the current undergraduate catalog for a complete list of requirements, electives, and pre-requisites. *Note: Requirements are continually under revision, and there is no guarantee they will not be changed or revoked; contact the department and/or program area for current information. Specific summer courses may not be offered as planned. Created based on the GGC Concentration requirements.*