

BIO: General Biology Academic Map

Name: _____

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.**

ID: _____

FRESHMAN FALL		FRESHMAN SPRING		FRESHMAN SUMMER	
<input type="checkbox"/> ENGLISH COMPOSITION 1 ENGL 1101	3	<input type="checkbox"/> ENGLISH COMPOSITION 2 ENGL 1102	3	<p>Recommend taking classes in the summer to stay on track</p> <p><u>Possible Summer Activities (discuss these with your mentor):</u></p> <ul style="list-style-type: none"> • Research program requirements for graduate and/or professional schools • Shadow a professional in your career field • Volunteer • STEC2500 or BIOL2101 (Note: Alternatively, these courses could be taken during the fall or spring semester) 	
<input type="checkbox"/> PRE-CALCULUS MATH 1113	4	<input type="checkbox"/> CALCULUS MATH 2200	4		
<input type="checkbox"/> PRINCIPLES OF CHEMISTRY 1 CHEM 12111K	4	<input type="checkbox"/> PRINCIPLES OF CHEMISTRY 2 CHEM 12112K	4		
<input type="checkbox"/> PRINCIPLES OF BIOLOGY 1 BIOL 1107K	4	<input type="checkbox"/> PRINCIPLES OF BIOLOGY 2 BIOL 1108K	4		
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 ITEC 1001	4	<p>Recommend taking classes in the summer to stay on track</p> <p><u>Possible Summer Activities (discuss these with your mentor):</u></p> <ul style="list-style-type: none"> • Shadow a professional in your career field • Participate in a Summer R.E.U. (Research Experience for Undergraduate; can be used for STEC4500 credit) • Study Abroad 	
<input type="checkbox"/> CHOICES FOR LIFE PHED 1101	1	<input type="checkbox"/> ORGANIC CHEMISTRY 2 CHEM 22111K	4		
<input type="checkbox"/> ORGANIC CHEMISTRY 1 CHEM 22111K	4	<input type="checkbox"/> ECOLOGY BIOL 3500K	4		
<input type="checkbox"/> CELL BIOLOGY BIOL 3400K	4	<input type="checkbox"/> GENERAL BIOLOGY ELECTIVE 1 BIOL3310K OR BIOL3300K OR BIOL3350K OR BIOL3600K	4		
<input type="checkbox"/> STATISTICAL DATA ANALYSIS FOR THE SCIENCES MATH 2050	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	<p>Recommend taking classes in the summer to stay on track</p> <p><u>Possible Summer Activities (discuss these with your mentor):</u></p> <ul style="list-style-type: none"> • Shadow a professional in your career field • Participate in a Summer R.E.U. (Research Experience for Undergraduate; can be used for STEC4500 credit) • Prepare for entrance exams for graduate and/or professional school • Research (STEC4500), Biology Internship (BIOL4800), or service-learning (STEC4800) • Study Abroad • Volunteer 	
<input type="checkbox"/> HUMANITIES / FINE ARTS 2 RELN 1100 / GEOG 1101 / 2000-LEVEL FOREIGN LANGUAGE	3	<input type="checkbox"/> PHYSICAL EDUCATION Any PHED except 1101	1		
<input type="checkbox"/> GENETICS BIOL 3200K	4	<input type="checkbox"/> PHYSICS 2 PHYS 1112K OR PHYS 2212K	4		
<input type="checkbox"/> ITEC 2XXX ITEC 2110 or 2120	4	<input type="checkbox"/> EVOLUTION BIOL 3000	3		
<input type="checkbox"/> PHYSICS 1 PHYS 1111K OR PHYS 2211K	4	<input type="checkbox"/> GENERAL BIOLOGY ELECTIVE 2 3000 OR 4000-LEVEL BIOL OR BCHM course with lab	4		
TOTAL	16	TOTAL	15		
RUNNING TOTAL	77	RUNNING TOTAL	92		
SENIOR FALL		SENIOR SPRING		Graduation in May!	
<input type="checkbox"/> ADDITIONAL ELECTIVE 1 Addition Electives 1 and 2: Consider upper-level research-intensive courses and/or service-learning (STEC4800)	4	<input type="checkbox"/> INTERDISCIPLINARY APPLICATIONS OF BIO BIOL 4700	3		
<input type="checkbox"/> RESEARCH/INTERNSHIP STEC 4500 OR STEC4800 OR BIOL 4800 OR BIOL 4560 OR BIOL 4570	3	<input type="checkbox"/> ADDITIONAL ELECTIVE 2	4		
<input type="checkbox"/> BIOCHEMISTRY BCHM 3100K	4	<input type="checkbox"/> GENERAL BIOLOGY ELECTIVE 3 3000 OR 4000-LEVEL BIOL OR BCHM course	3		
<input type="checkbox"/> AMERICAN GOVERNMENT POLS1101	3	<input type="checkbox"/> HUMANITIES / FINE ARTS 1 MUSC 1100 / ARTS 1100 / ENGL 2110 or 2100 / FILM 1005	3		
		<input type="checkbox"/> HISTORY HIST 1111, 1112, 1121, 1122, 2111, or 2112 (take one of these courses not already completed)	3		
TOTAL	14	TOTAL	16		
RUNNING TOTAL	116	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.*