

CHEM: General Chemistry Academic Map

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.**

Name: _____

ID: _____

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		<ul style="list-style-type: none"> Suggest summer classes if unable to fulfill given classes Must complete Principles of Chemistry in Freshman Year Take MATH 2210 during summer if taking PHYS 2212K next Spring 		
<input type="checkbox"/> PRE-CALCULUS MATH 1113	4		<input type="checkbox"/> CALCULUS MATH 2200	4				
<input type="checkbox"/> PRINCIPLES OF CHEMISTRY 1 CHEM 1211K	4		<input type="checkbox"/> PRINCIPLES OF CHEMISTRY 2 CHEM 1212K	4				
<input type="checkbox"/> U.S. HISTORY HIST 2111 OR 2112	3		<input type="checkbox"/> SOCIAL SCIENCE PSYC 1102/SOCI 1101/ANTH 1102/ECON 2100	3				
<input type="checkbox"/> CHOICES FOR LIFE PHED 1101	1		<input type="checkbox"/> HUMANITIES / FINE ARTS 2 RELN 1100 / GEOG 1101 / 2000-LEVEL FOREIGN LANGUAGE	3				
TOTAL	15		TOTAL	17				
RUNNING TOTAL	15		RUNNING TOTAL	32				
SOPHOMORE FALL			SOPHOMORE SPRING			SOPHOMORE SUMMER		
<input type="checkbox"/> PHYSICS 1 PHYS 1111K OR PHYS 2211K	4		<input type="checkbox"/> INTRODUCTION TO COMPUTING ITEC 1001	4		<ul style="list-style-type: none"> Suggest summer classes if unable to fulfill given classes Must complete Organic Chemistry in Sophomore Year Consider science-related extracurricular activities Contact STEC 2500 advisor for research (if applicable) Consider a minor; discuss with advisor 		
<input type="checkbox"/> PHYSICAL EDUCATION Any PHED except 1101	1		<input type="checkbox"/> ORGANIC CHEMISTRY 2 CHEM 2212K	4				
<input type="checkbox"/> ORGANIC CHEMISTRY 1 CHEM 2211K	4		<input type="checkbox"/> PHYSICS 2 PHYS 1112K OR PHYS 2212K (MATH 2210 req)	4				
<input type="checkbox"/> ANALYTICAL CHEMISTRY CHEM 3000K	4		<input type="checkbox"/> AMERICAN GOVERNMENT POLS1101	3				
<input type="checkbox"/> INTRO TO STATISTICS MATH 2000	3							
TOTAL	16		TOTAL	15				
RUNNING TOTAL	48		RUNNING TOTAL	63				
JUNIOR FALL			JUNIOR SPRING			JUNIOR SUMMER		
<input type="checkbox"/> BIOCHEMISTRY BCHM 3100K	4		<input type="checkbox"/> PHYSICAL CHEMISTRY CHEM 4201K	4		<ul style="list-style-type: none"> Suggest summer classes if unable to fulfill given classes Complete internship app (mid-Spring) for Fall (as applicable) Contact STEC 4500 advisor for research (if applicable) Draft resume/CV Consider science-related extracurricular activities or summer research experiences 		
<input type="checkbox"/> INSTRUMENTAL CHEMISTRY CHEM 4100K	4		<input type="checkbox"/> INTEGRATED CHEMISTRY LAB 1 CHEM 4701	2				
<input type="checkbox"/> INDUSTRIAL CHEMISTRY CHEM 3500	3		<input type="checkbox"/> ELECTIVE 1000-4000 level	3				
<input type="checkbox"/> ITEC 2XXX ITEC 2110 or 2120	4		<input type="checkbox"/> ELECTIVE 1000-4000 level	3				
<input type="checkbox"/> PHYSICAL EDUCATION Any PHED except 1101	1		<input type="checkbox"/> 3000/4000 ELECTIVE BCHM, BIOL, CHEM, MATH, PHYS	3				
TOTAL	16		TOTAL	15				
RUNNING TOTAL	79		RUNNING TOTAL	94				
SENIOR FALL			SENIOR SPRING			SENIOR SUMMER		
<input type="checkbox"/> ELECTIVE 1000-4000 level	3		<input type="checkbox"/> INORGANIC CHEMISTRY CHEM 3100K	4		<ul style="list-style-type: none"> Present research project at local, regional, or national conference (as applicable) Review resume with Career Services and/or advisor Apply to jobs <p>Graduation in May!</p>		
<input type="checkbox"/> RESEARCH/INTERNSHIP STEC 4500 OR CHEM 4800	3		<input type="checkbox"/> HISTORY HIST 1111, 1112, 1121, 1122, 2111, or 2112 (take one of these courses not already completed)	3				
<input type="checkbox"/> 3000/4000 ELECTIVE BCHM, BIOL, CHEM, MATH, PHYS	4		<input type="checkbox"/> 3000/4000 ELECTIVE BCHM, BIOL, CHEM, MATH, PHYS	4				
<input type="checkbox"/> INTEGRATED CHEMISTRY LAB 2 CHEM 4702	2		<input type="checkbox"/> HUMANITIES / FINE ARTS 1 MUSC 1100 / ARTS 1100 / ENGL 21XX / FILM 1005 / THEA 1100	3				
<input type="checkbox"/> ELECTIVE 1000-4000 level	3							
TOTAL	15		TOTAL	14				
RUNNING TOTAL	109		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.*