

CHEM: Chemistry Teacher Certification 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.

FRESHMAN FALL		FRESHMAN SPRING		FRESHMAN SUMMER
Course	Hours	Course	Hours	Recommend taking classes in the summer to stay on track
<input type="checkbox"/> ENGLISH COMPOSITION 1 ENGL 1101	3	<input type="checkbox"/> ENGLISH COMPOSITION 2 ENGL 1102	3	Must complete CHEM 1212K
<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 1212K	4	
<input type="checkbox"/> CHOICES FOR LIFE PHED 1101	1	<input type="checkbox"/> ITEC 2XXX ITEC 2110 or 2120	4	
<input type="checkbox"/> INTRODUCTION TO COMPUTING ITEC 1001	4	<input type="checkbox"/> PHYSICAL EDUCATION Any PHED except 1101	1	
TOTAL	16	TOTAL	16	
RUNNING TOTAL	16	RUNNING TOTAL	32	
SOPHOMORE FALL		SOPHOMORE SPRING		SOPHOMORE SUMMER
<input type="checkbox"/> ANALYTICAL CHEMISTRY CHEM 300K	4	<input type="checkbox"/> PHYSICS 2 PHYS 112K	4	Recommend taking classes in the summer to stay on track <u>Important:</u> <ul style="list-style-type: none">Must complete CHEM 2211KApply to SOE (late Spring); seek advice from advisor or CHEM Chair of StudiesTake GACE Program Admissions Assessment
<input type="checkbox"/> CRITICAL & CONTEMPORARY ISSUES IN EDUC RELN 1100 / GEOG 1101 / 2000-LEVEL FOREIGN LANGUAGE	3	<input type="checkbox"/> INORGANIC CHEMISTRY CHEM 3100K	4	
<input type="checkbox"/> ORGANIC CHEMISTRY 1 CHEM 2211K	4	<input type="checkbox"/> TEACHING AND LEARNING EDUC 2130	3	
<input type="checkbox"/> PHYSICS 1 PHYS 111K	4	<input type="checkbox"/> EXPLORING SOCIOCULTURAL PERSPECTIVES EDUC 2120	3	
<input type="checkbox"/> PHYSICAL EDUCATION Any PHED except 1101	1	<input type="checkbox"/> SOCIAL SCIENCE PSYC 1102/SOCI 1101/ANTH 1102/ECON 2100	3	
TOTAL	16	TOTAL	17	
RUNNING TOTAL	48	RUNNING TOTAL	65	
JUNIOR FALL		JUNIOR SPRING		JUNIOR SUMMER
<input type="checkbox"/> HUMANITIES / FINE ARTS 1 MUSC 1100 / ARTS 1100 / ENGL 21XX / FILM 1005	3	<input type="checkbox"/> INSTRUCTIONAL METHODS IN THE SECONDARY CLASSROOM EDUC 3650A	2	Recommend taking classes in the summer to stay on track <u>Potential Summer Activities:</u> <ul style="list-style-type: none">Take the GACE Educator Entry Ethics AssessmentConsult with advisor to prepare application materials for Pre-Service Certificate
<input type="checkbox"/> ENVIRONMENTAL CHEMISTRY CHEM 3200	3	<input type="checkbox"/> SECONDARY EDUCATION FIELD 2 EDUC 3650B	1	
<input type="checkbox"/> CHARACTERISTICS OF STUDENTS WITH SPECIAL NEEDS FOR SECONDARY EDUCATION EDUC 3300	3	<input type="checkbox"/> DIFFERENTIATED TOPICS IN SECONDARY EDUCATION EDUC 3650C	1	
<input type="checkbox"/> TEACHING AND LEARNING IN THE SECONDARY CLASSROOM EDUC 3400A	3	<input type="checkbox"/> CONTENT AREA LITERACIES READ 3400	3	
<input type="checkbox"/> SECONDARY EDUCATION FIELD 1 EDUC 3400B	1	<input type="checkbox"/> DIGITAL AGE TEACHING SEMINAR EDUC 3700	1	
<input type="checkbox"/> BIOCHEMISTRY BIOL 3100K	4	<input type="checkbox"/> PHYSICAL CHEMISTRY CHEM 4201K	4	
TOTAL	17	<input type="checkbox"/> BROAD FIELD SCIENCE AND CHEMISTRY ISCI 3800	2	
RUNNING TOTAL	82	TOTAL	14	
RUNNING TOTAL	82	RUNNING TOTAL	96	
SENIOR FALL		SENIOR SPRING		SENIOR SUMMER
<input type="checkbox"/> INSTRUCTIONAL ADAPTATION IN GR 6-12 EDUC 4600A	3	<input type="checkbox"/> STUDENT TEACHING: PROFESSIONAL PRACTICE EDUC 4835A	4	Graduation in May!
<input type="checkbox"/> EDUCATIONAL ASSESSMENT IN GR 6-12 EDUC 4600B	3	<input type="checkbox"/> STUDENT TEACHING: PLANS & ASSESSMENT EDUC 4835B	4	
<input type="checkbox"/> GRADES 6-12 PRACTICUM EDUC 4600C	2	<input type="checkbox"/> LEADERSHIP SEMINAR EDUC 4800	1	
<input type="checkbox"/> OPENING SCHOOL EXPERIENCE EDUC 4080	0	<input type="checkbox"/> HUMANITIES/FINE ARTS 2 RELN 1100/GEOG 1101/2000 Foreign Language	3	
<input type="checkbox"/> AMERICAN GOVERNMENT POLS1101	3	<input type="checkbox"/> U.S. HISTORY HIST 2111 or 2112	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	15	
RUNNING TOTAL	110	RUNNING TOTAL	125	

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.*