

Mathematics Teacher Certification Academic Map 2025-2026

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 I ENGL 1101	3	<input type="checkbox"/> English Composition II ENGL 1102	3	VOLUNTEER GET A JOB PLAN TO STUDY ABROAD *SUGGEST SUMMER CLASSES IF UNABLE TO FUFILL GIVEN CLASSES	
<input type="checkbox"/> Pre-Calculus MATH 1113	4	<input type="checkbox"/> Calculus I MATH 2200	4		
<input type="checkbox"/> Social Science PSYC 1102, SOCI 1101, ANTH 1102, or ECON 2100	3	<input type="checkbox"/> Principles of Chemistry I with Laboratory CHEM 1211K	4		
<input type="checkbox"/> Introduction to Computing ITEC 1001	4	<input type="checkbox"/> Critical & Contemporary Issues in Education EDUC 2110	3		
<input type="checkbox"/> Humanities/Fine Arts II RELN 1100, GEOG 1101, or 2000-Level Foreign Language	3	<input type="checkbox"/> Choices for Life PHED 1101	1		
TOTAL	17	TOTAL	15		
RUNNING TOTAL	17	RUNNING TOTAL	32		
SOPHOMORE FALL		SOPHOMORE SPRING		SOPHOMORE SUMMER	
<input type="checkbox"/> Exploring Socio-Cultural Perspectives EDUC 2120	3	<input type="checkbox"/> Foundations of Mathematics MATH 2500	3	VOLUNTEER GET A JOB PLAN TO STUDY ABROAD *APPLY TO SOE EPP (LATE FALL TO BE COMPLETED EARLY SPRING); SEEK ADVICE FROM ADVISOR OR MATHEMATICS DEPARTMENT CHAIR	
<input type="checkbox"/> Principles of Chemistry II with Laboratory CHEM 1212K	4	<input type="checkbox"/> Calculus III MATH 2220	3		
<input type="checkbox"/> Linear Algebra MATH 2450	3	<input type="checkbox"/> U.S. History HIST 2111 or HIST 2112	3		
<input type="checkbox"/> Calculus II MATH 2210	4	<input type="checkbox"/> Information Technology ITEC 2110 or ITEC 2120	4		
<input type="checkbox"/> Exploring Teaching and Learning EDUC 2130	3	<input type="checkbox"/> American Government POLS 1101	3		
TOTAL	17	<input type="checkbox"/> Physical Education Any PHED course except PHED 1101	1	PREPARE FOR GACE CONTENT EXAM	
RUNNING TOTAL	49	TOTAL	17		
RUNNING TOTAL	49	RUNNING TOTAL	66		
JUNIOR FALL		JUNIOR SPRING		JUNIOR SUMMER	
<input type="checkbox"/> Statistical Data Analysis for the Sciences MATH 2050	3	<input type="checkbox"/> Middle Grades and Secondary Math Methods EDUC 3640	2	VOLUNTEER GET A JOB	
<input type="checkbox"/> History of Mathematics MATH 3550	3	<input type="checkbox"/> Grades 6-12 Field II EDUC 3605	1		
<input type="checkbox"/> Characteristics of Students with Special Needs P-12 SPED 3100	3	<input type="checkbox"/> Real Analysis I MATH 3700	3		
<input type="checkbox"/> Teaching and Learning in Secondary Education EDUC 3400A	3	<input type="checkbox"/> Content Area Literacies READ 3400	3		
<input type="checkbox"/> Grades 6-12 Field I EDUC 3400B	1	<input type="checkbox"/> Digital Age Teaching Seminar EDUC 3700	1		
<input type="checkbox"/> Abstract Algebra I MATH 3500	3	<input type="checkbox"/> Humanities/Fine Arts I MUSC 1100, ARTS 1100, ENGL 21XX, FILM 1005, or THEA 1100	3		
<input type="checkbox"/> Physical Education Any PHED course except PHED 1101	1	<input type="checkbox"/> Mathematics Elective 3000-4000 level One of MATH 3000, 3050, or 3100 are recommended	3		
TOTAL	17	TOTAL	16		
RUNNING TOTAL	83	RUNNING TOTAL	99		
SENIOR FALL		SENIOR SPRING		GRADUATION	
<input type="checkbox"/> Instructional Adaptation in Grades 6-12 EDUC 4600A	3	<input type="checkbox"/> Student Teaching: Professional Practices EDUC 4835A	4	GRADUATION IN MAY!	
<input type="checkbox"/> Educational Assessment in Grades 6-12 EDUC 4600B	3	<input type="checkbox"/> Student Teaching: Planning and 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: Mathematics EDUC 4060	0	<input type="checkbox"/> History HIST 1111, 1112, 1121, 1122, 2111, or 2112 (take one of these courses not already completed)	3		
<input type="checkbox"/> Mathematical Statistics I MATH 3300	3				
<input type="checkbox"/> Geometry MATH 3021	3				
<input type="checkbox"/> Mathematics Elective 3000-4000 Level	3				
TOTAL	17	TOTAL	12		
RUNNING TOTAL	116	RUNNING TOTAL	128		

*MATH 3550 and MATH 3021 are offered in alternating fall semesters. Thus, they should be taken during either junior or senior years as offered.

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. This map was created based on the GGC Program requirements.*