

MATH: Mathematics Teacher Certification 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.

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 | | Recommend taking classes in the summer to stay on track | | |
| <input type="checkbox"/> PRE-CALCULUS MATH 1113 | 4 | | <input type="checkbox"/> CALCULUS 1 MATH 2200 | 4 | | Suggested experiential learning experiences | | |
| <input type="checkbox"/> SOCIAL SCIENCE PSYC 1102/SOCI 1101/ANTH 1102/ECON 2100 | 3 | | <input type="checkbox"/> PRINCIPLES OF CHEMISTRY 1 CHEM 12111K | 4 | | <ul style="list-style-type: none"> • STEC 2500 • Individual faculty mentored research or • In conjunction with the Math-Biology Study abroad program | | |
| <input type="checkbox"/> INTRODUCTION TO COMPUTING ITEC 1001 | 4 | | <input type="checkbox"/> CRITICAL & CONTEMPORARY ISSUES IN EDUC EDUC 2110 | 4 | | | | |
| <input type="checkbox"/> HUMANITIES / FINE ARTS 2 RELN 1100 / GEOG 1101 / 2000-LEVEL FOREIGN LANGUAGE | 3 | | <input type="checkbox"/> CHOICES FOR LIFE PHED 1101 | 1 | | | | |
| TOTAL | 17 | | TOTAL | 16 | | | | |
| RUNNING TOTAL | 17 | | RUNNING TOTAL | 33 | | | | |
| SOPHOMORE FALL | | | SOPHOMORE SPRING | | | SOPHOMORE SUMMER | | |
| <input type="checkbox"/> PRINCIPLES OF CHEMISTRY 2 CHEM 1212K | 4 | | <input type="checkbox"/> FOUNDATIONS OF MATH MATH 2500 | 3 | | Recommend taking classes in the summer to stay on track | | |
| <input type="checkbox"/> EXPLORING SOCIO-CULTURAL PERSPECTIVES EDUC 2120 | 3 | | <input type="checkbox"/> CALCULUS 3 MATH 2220 | 3 | | | | |
| <input type="checkbox"/> TEACHING AND LEARNING EDUC 2130 | 3 | | <input type="checkbox"/> U.S. HISTORY HIST 2111 OR 2112 | 3 | | | | |
| <input type="checkbox"/> LINEAR ALGEBRA MATH 2450 | 3 | | <input type="checkbox"/> ITEC 2XXX ITEC 2110 or 2120 | 4 | | | | |
| <input type="checkbox"/> CALCULUS 2 MATH 2210 | 4 | | <input type="checkbox"/> AMERICAN GOVERNMENT POLS1101 | 3 | | | | |
| | | | <input type="checkbox"/> PHYSICAL EDUCATION Any PHED except 1101 | 1 | | | | |
| TOTAL | 17 | | TOTAL | 17 | | | | |
| RUNNING TOTAL | 50 | | RUNNING TOTAL | 66 | | | | |
| JUNIOR FALL | | | JUNIOR SPRING | | | JUNIOR SUMMER | | |
| <input type="checkbox"/> ABSTRACT ALGEBRA 1 MATH 3500 | 3 | | <input type="checkbox"/> TEACHING METHODS IN GRADES 6-12 EDUC 3600 | 4 | | Recommend taking classes in the summer to stay on track | | |
| <input type="checkbox"/> STATS DATA ANAL FOR SCI MATH 2050 | 3 | | <input type="checkbox"/> HUMANITIES / FINE ARTS 1 MUSC 1100 / ARTS 1100 / ENGL 21XX / FILM 1005 | 3 | | Participate in Research Experience for Undergraduates (REU) program. | | |
| <input type="checkbox"/> CONTEXTS FOR LEARNING EDUC 3300 | 3 | | <input type="checkbox"/> REAL ANALYSIS 1 MATH 3700 | 3 | | | | |
| <input type="checkbox"/> MODELS OF TEACHING AND LEARNING EDUC 3350 | 4 | | <input type="checkbox"/> CONTENT AREAS LITERACY READ 3400 | 4 | | | | |
| <input type="checkbox"/> HISTORY OF MATH MATH 3550 | 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"/> PHYSICAL EDUCATION Any PHED except 1101 | 1 | | | | | | | |
| TOTAL | 17 | | TOTAL | 17 | | | | |
| RUNNING TOTAL | 83 | | RUNNING TOTAL | 100 | | | | |
| 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 4030 | 0 | | <input type="checkbox"/> MATH ELECTIVE 3000-4000 Level | 3 | | | | |
| <input type="checkbox"/> GEOMETRY MATH 3021 | 3 | | | | | | | |
| <input type="checkbox"/> MATHEMATICAL STATISTICS 1 MATH 3300 | 3 | | | | | | | |
| TOTAL | 15 | | TOTAL | 12 | | | | |
| RUNNING TOTAL | 115 | | RUNNING TOTAL | 127 | | | | |

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.*

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