

MATH: Applied Math 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		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				
<input type="checkbox"/> INTRODUCTION TO COMPUTING ITEC 1001	4		<input type="checkbox"/> ITEC 2XXX ITEC 2110 or 2120	4				
<input type="checkbox"/> U.S. HISTORY HIST 2111 OR 2112	3		<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		<input type="checkbox"/> PHYSICAL EDUCATION Any PHED except 1101	1				
TOTAL	15		TOTAL	15				
RUNNING TOTAL	15		RUNNING TOTAL	30				
SOPHOMORE FALL			SOPHOMORE SPRING			SOPHOMORE SUMMER		
<input type="checkbox"/> PRINCIPLES OF CHEMISTRY 1 CHEM 12111K	4		<input type="checkbox"/> PRINCIPLES OF CHEMISTRY 2 CHEM 12112K	4		Recommend taking classes in the summer to stay on track		
<input type="checkbox"/> LINEAR ALGEBRA MATH 2450	3		<input type="checkbox"/> SOCIAL SCIENCE PSYC 1102/SOCI 1101/ANTH 1102/ECON 2100	3				
<input type="checkbox"/> CALCULUS 2 MATH 2210	4		<input type="checkbox"/> CALCULUS 3 MATH 2220	3				
<input type="checkbox"/> PHYSICAL EDUCATION Any PHED except 1101	1		<input type="checkbox"/> FOUNDATIONS OF MATH MATH 2500	3				
<input type="checkbox"/> HUMANITIES / FINE ARTS 1 MUSC 1100 / ARTS 1100 / ENGL 21XX / FILM 1005	3		<input type="checkbox"/> MATH MODELING MATH 2600	3				
TOTAL	15		TOTAL	16				
RUNNING TOTAL	45		RUNNING TOTAL	61				
JUNIOR FALL			JUNIOR SPRING			JUNIOR SUMMER		
<input type="checkbox"/> HISTORY HIST 1111, 1112, 1121, 1122, 2111, or 2112 (take one of these courses not already completed)	3		<input type="checkbox"/> NUMERICAL METHODS 1 MATH 3450	3		Recommend taking classes in the summer to stay on track Participate in Research Experience for Undergraduates (REU) program.		
<input type="checkbox"/> ABSTRACT ALGEBRA 1 MATH 3500	3		<input type="checkbox"/> APPLIED FIELD	4				
<input type="checkbox"/> APPLIED FIELD	4		<input type="checkbox"/> APPLIED MATH MATH 3350	3				
<input type="checkbox"/> MATHEMATICAL STATISTICS 1 MATH 3300	3		<input type="checkbox"/> DIFFERENTIAL EQUATIONS 1 MATH 3100	3				
<input type="checkbox"/> MATH/APPLIED ELECTIVE 3000-4000 LEVEL	3		<input type="checkbox"/> REAL ANALYSIS 1 MATH 3700	3				
TOTAL	16		TOTAL	16				
RUNNING TOTAL	77		RUNNING TOTAL	93				
SENIOR FALL			SENIOR SPRING			Graduation in May!		
<input type="checkbox"/> APPLIED FIELD	3		<input type="checkbox"/> ELECTIVE ANY LEVEL	3				
<input type="checkbox"/> MATH/APPLIED ELECTIVE 3000-4000 LEVEL	3		<input type="checkbox"/> ELECTIVE ANY LEVEL	3				
<input type="checkbox"/> DIFFERENTIAL EQUATIONS 2 MATH 4100	3		<input type="checkbox"/> ADVANCED MATH MODELING MATH 4600	3				
<input type="checkbox"/> AMERICAN GOVERNMENT POLS1101	3		<input type="checkbox"/> MATH/APPLIED ELECTIVE 3000-4000 LEVEL	3				
<input type="checkbox"/> ELECTIVE ANY LEVEL	3		<input type="checkbox"/> CAPSTONE MATH COURSE MATH 4900	3				
TOTAL	15		TOTAL	15				
RUNNING TOTAL	108		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.*