

IT: Data Science and Analytics 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. **Missing milestones could delay your program.**

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 I MATH 2200	4		
<input type="checkbox"/> INTRODUCTION TO COMPUTING ITEC 1001	4	<input type="checkbox"/> DIGITAL MEDIA ITEC 2110	4		
<input type="checkbox"/> U.S. HISTORY HIST 2111 OR 2112	3	<input type="checkbox"/> FUNDAMENTALS OF PROGRAMMING ITEC 2140	4		
<input type="checkbox"/> CHOICES FOR LIFE PHED 1101	1	<input type="checkbox"/> PHYSICAL EDUCATION Any PHED except 1101	1		
TOTAL	15	TOTAL	16		
RUNNING TOTAL	15	RUNNING TOTAL	31		
SOPHOMORE FALL		SOPHOMORE SPRING		SOPHOMORE SUMMER	
<input type="checkbox"/> HUMANITIES / FINE ARTS 2 RELN 1100 / GEOG 1101 / 2000-LEVEL FOREIGN LANGUAGE	3	<input type="checkbox"/> SOFTWARE DEVELOPMENT 1 ITEC 3860	4	Recommend taking classes in the summer to stay on track	
<input type="checkbox"/> INTERMEDIATE PROGRAMMING ITEC 2150	4	<input type="checkbox"/> SOCIAL SCIENCE PSYC 1102/SOCI 1101/ANTH 1102/ECON 2100	3		
<input type="checkbox"/> INFORMATION SYSTEMS ITEC 2201	3	<input type="checkbox"/> PRINCIPLES OF CHEMISTRY 1 CHEM 1211K	4		
<input type="checkbox"/> DISCRETE MATH MATH 2300	3	<input type="checkbox"/> INTRO TO NETWORKS ITEC 3100	3		
<input type="checkbox"/> STATISTICS MATH 2050	3	<input type="checkbox"/> PHYSICAL EDUCATION Any PHED except 1101	1		
TOTAL	16	TOTAL	15		
RUNNING TOTAL	47	RUNNING TOTAL	62		
JUNIOR FALL		JUNIOR SPRING		JUNIOR SUMMER	
<input type="checkbox"/> PRINCIPLES OF CHEMISTRY 2 CHEM 12112K	4	<input type="checkbox"/> INFORMATION ANALYTICS ITEC 4210	3	Recommend taking classes in summer to stay on track	
<input type="checkbox"/> INTRO TO DATABASES ITEC 3200	3	<input type="checkbox"/> LINEAR ALGEBRA MATH 2450	3		
<input type="checkbox"/> DOMAIN ELECTIVE 1 See program plan for options	3	<input type="checkbox"/> ADVANCED PROGRAMMING ITEC 3150	3		
<input type="checkbox"/> PROFESSIONAL PRACTICE AND ETHICS ITEC 3900	3	<input type="checkbox"/> HUMANITIES / FINE ARTS 1 MUSC 1100 / ARTS 1100 ENGL 21XX / FILM 1005	3		
<input type="checkbox"/> SYSTEM ANALYSIS AND DESIGN ITEC 3700	3				
TOTAL	16	TOTAL	12		
RUNNING TOTAL	78	RUNNING TOTAL	90		
SENIOR FALL		SENIOR SPRING		SENIOR SUMMER	
<input type="checkbox"/> SEQUENCE COURSE 1 SOFTWARE: ITEC 4200 ADVANCED DATABASES/ ITEC 3870 SOFTWARE DEVELOPMENT 2 ENTERPRISE: ITEC 4150 ENT. PROCESS INTEG.	4	<input type="checkbox"/> SEQUENCE COURSE 2 SOFTWARE: ITEC 4000 CLOUD COMPUTING ENTERPRISE: ITEC 4750 ENT. ARCH. DESIGN	4	Graduation in May!	
<input type="checkbox"/> ADVANCED DATA ANALYTICS ITEC 4220	4	<input type="checkbox"/> AMERICAN GOVERNMENT POLS 1101	3		
<input type="checkbox"/> PRINCIPLES OF MANAGEMENT ITEC 3900	3	<input type="checkbox"/> DATA ANALYTICS PROJECT ITEC 4230	3		
<input type="checkbox"/> DOMAIN ELECTIVE 2 See program plan for options	3	<input type="checkbox"/> DOMAIN ELECTIVE 3 See program plan for options	3		
<input type="checkbox"/> ARTIFICIAL INTELLIGENCE ITEC 4700	3	<input type="checkbox"/> HISTORY HIST 1111, 1112, 1121, 1122, 2111, or 2112 (take one courses not already completed)	3		
TOTAL	17	TOTAL	16		
RUNNING TOTAL	107	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.*