2025-26 IT: Software Development (Online) 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

Course	Hours
☐ ENGLISH COMPOSITION 1 ENGL 1101	3
☐ PRE-CALCULUS MATH 1113	4
☐ INTRODUCTION TO COMPUTING ITEC 1001	4
☐ U.S. HISTORY HIST 2111 OR 2112	3
☐ CHOICES FOR LIFE PHED 1101	1
TOTAL	**15**
RUNNING TOTAL	**15**

FRESHMAN SPRING

Course	Hours
☐ ENGLISH COMPOSITION 2 ENGL 1102	3
☐ CALCULUS I MATH 2200	4
☐ DIGITAL MEDIA ITEC 2110	4
☐ PROGRAMMING FUNDAMENTALS ITEC 2140	4
☐ PHYSICAL EDUCATION Any PHED except 1101	1
TOTAL	**16**
RUNNING TOTAL	**31**

FRESHMAN SUMMER

Course	Hours
Recommend taking classes in the *summer to stay on track*	

SOPHOMORE FALL

Course	Hours
☐ HUMANITIES / FINE ARTS 2 RELN 1100/GEOG 1101/ 2000-LEVEL FOREIGN LANGUAGE	3
☐ INTERMEDIATE PROGRAMMING ITEC 2150	4
☐ INTRODUCTION TO INFORMATION SYSTEMS ITEC 2201	3
☐ DISCRETE MATH MATH 2300	3
☐ STATISTICS MATH 2050	3
TOTAL	**16**
RUNNING TOTAL	**47**

SOPHOMORE SPRING

Course	Hours
☐ ADVANCED PROGRAMMING ITEC 3150	3
☐ SOCIAL SCIENCE PSYC 1102/SOCI 1101/ANTH 1102/ECON 2100	3
☐ PRINCIPLES OF CHEMISTRY 1 CHEM 1211K	4
☐ INTRODUCTION TO NETWORKS ITEC 3100	3
☐ PHYSICAL EDUCATION Any PHED except 1101	1
TOTAL	**14**
RUNNING TOTAL	**61**

SOPHOMORE SUMMER

Course	Hours
Recommend taking classes in the summer to stay on track	

JUNIOR FALL

Course	Hours
☐ SOFTWARE DEVELOPMENT I ITEC 3860	4
☐ PROFESSIONAL PRACTICE AND ETHICS ITEC 3900	3
☐ SYSTEM ANALYSIS AND DESIGN ITEC 3700	3
☐ WEB TECHNOLOGIES ITEC 2130	4
TOTAL	**17**
RUNNING TOTAL	**78**

JUNIOR SPRING

Course	Hours
☐ PRINCIPLES OF CHEMISTRY 2 CHEM 12112K	4
☐ HUMANITIES / FINE ARTS 1 MUSC 1100/ARTS1100/ENGL 21XX / FILM1005	3
☐ SOFTWARE DEVELOPMENT II ITEC 3870	4
☐ SOFTWARE TESTING AND QA ITEC 4260	3
TOTAL	**14**
RUNNING TOTAL	**92**

JUNIOR SUMMER

SENIOR FALL

Course	Hours
☐ ITEC ELECTIVE 3000-4000 Level	4
☐ OPEN ELECTIVE 2000-4000 LEVEL	3
☐ ITEC/SCIENCE/MATH SEQUENCE 2 ITEC 4450/ITEC 4550/ITEC 4650	7
☐ AMERICAN GOVERNMENT POLS 1101	3
TOTAL	**17**
RUNNING TOTAL	**108**

SENIOR SPRING

Course	Hours
☐ ITEC ELECTIVE 3000-4000 Level	6
☐ ITEC ELECTIVE 2000-4000 Level	3
☐ SOFTWARE DEVELOPMENT PROJECT ITEC 4860 The ITEC 4860 online course is offered only in the spring semester. Therefore, SDO students must plan accordingly. Students who need to take the project class will require special permission to enroll in an in-person course in the fall semester.	3
☐ OPEN ELECTIVE 2000-4000 LEVEL	3
TOTAL	**15**
RUNNING TOTAL	**123**

SENIOR SUMMER

Graduation in May!

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.*