2025-26 IT: Software Development 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 1** MATH 2200	4
☐ **DIGITAL MEDIA** ITEC 2110	4
☐ **FUNDAMENTALS OF PROGRAMMING** 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
☐ **INFORMATION SYSTEMS** ITEC 2201	3
☐ **DISCRETE MATH** MATH 2300	3
☐ **STATISTICAL DATA ANALYSIS FOR THE SCIENCES** 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 12111K	4
☐ **INTRO 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
☐ **PRINCIPLES OF CHEMISTRY 2** CHEM 12112K	4
☐ **INTRO TO DATABASES** ITEC 3200	3
☐ **PRINCIPLES OF MANAGEMENT** MGMT 3000	3
☐ **PROFESSIONAL PRACTICE AND ETHICS** ITEC 3900	3
☐ **WEB TECHNOLOGIES** ITEC 2130	4
TOTAL	17
RUNNING TOTAL	78

JUNIOR SPRING

Course	Hours
☐ **ITEC/SCIENCE/MATH SEQUENCE 1** ITEC 4450/4550/3450	4
☐ **SOFTWARE DEVELOPMENT 1** ITEC 3860	4
☐ **SYSTEMS ANALYSIS AND DESIGN** ITEC 3700	3
☐ **HUMANITIES / FINE ARTS 1** MUSC 1100 / ARTS 1100 / ENGL 21XX / FILM 1005	3
TOTAL	14
RUNNING TOTAL	92

JUNIOR SUMMER

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

SENIOR FALL

Course	Hours
☐ **SOFTWARE TESTING AND QA** ITEC 4260	3
☐ **OPEN ELECTIVE** 2000-4000 LEVEL	3
☐ **ITEC/SCIENCE/MATH SEQUENCE 2** ITEC 4450/4550/4650	3
☐ **AMERICAN GOVERNMENT** POLS1101	3
☐ **SOFTWARE DEVELOPMENT 2** ITEC 3870	4
TOTAL	16
RUNNING TOTAL	108

SENIOR SPRING

Course	Hours
☐ **ITEC ELECTIVE** 3000-4000 LEVEL	3
☐ **ITEC ELECTIVE** 2000-4000 LEVEL	3
☐ **SOFTWARE DEVELOPMENT PROJECT** ITEC 4860	3
☐ **OPEN ELECTIVE** 2000-4000 LEVEL	3
☐ **HISTORY** HIST 1111, 1112, 1121, 1122, 2111, or 2112 (take one of these courses not already completed)	3
TOTAL	15
RUNNING TOTAL	123

Graduation in May!