WEB APPLICATIONS DEVELOPMENT

BACHELOR OF SCIENCE IN INFORMATION TECHNOLOGY

Audit Worksheet 2025-2026 Catalog (expires Summer 2031)

General Education	*Major Requirements*

General Education

AREA I – Institutional Priority   4 HOURS

Area I Perspective Elective (ITEC 1001 recommended)

AREA M – Mathematics & Quantitative Skills   3 HOURS

MATH 1111,1112, 1113, or 1251

*MATH 1001/Learning Support may be required based on test scores

AREA P – Political Science & U.S. History   6 HOURS

*POLS 1101 or 1101H
**HIST 2111, 2111H, 2112, or 2112H

*Will satisfy the state requirements in U.S. & Georgia Constitution
**Will satisfy the state requirements in U.S. and Georgia History

AREA A – Arts, Humanities, & Ethics   6 HOURS

Literature Based Elective

Choose one (circle):
ENGL 2111, 2112, 2121, 2122, 2131, 2132, 2141, or 2142

Area A Elective

COMM 1110 or COMM 1100

AREA C – Communicating in Writing   6 HOURS

ENGL 1101
ENGL 1102

*ENGL 1101 may require Learning Support based on test scores

AREA T- Technology, Mathematics, & Sciences   11 HOURS

Area D Elective **Choose one (circle)**

MATH 1401, 1251, 1501, 2252, 2253, 2260, 2270

Lab-Science Electives **Choose two (circle):**
ASTR 1010K, 1020K,
BIOL 1001K, 1002K, 2107K, 2108K, 1101K(eCore) *
CHEM 1151K, 1152K, 1211K, 1212K
GEOL 1121K(eCore)
PHYS 1011K, 1012K, 1111K, 1112K, 2211K, 2212K

*Students cannot receive graduation credit for both
BIOL 1001 and BIOL 2107 or for both BIOL 1002 and BIOL 2108

AREA S- Social Sciences   6 HOURS

Area E Elective **Choose two (circle):**
ANTH 1102,
ECON 2105 , 2106
HIST 1111, 1112,1190, 2111, 2112
GEOG 1101
POLS 2101, 2201, 2301, 2401
PSYC 1101
SOCI 1101, 1160

Major Requirements

Field of Study   18- 19 HOURS

ITEC 2215 Intro to IT
ITEC 2260 Intro to Programming
ITEC 2270 Application Development
ITEC 2320 Networking Essentials
ITEC 2380 Web Development
MATH 2120- Discrete Mathematics

Upper-Level Core Requirements   21 HOURS

IT Upper Level Core Courses

ITEC 3155 Systems Analysis & Design
ITEC 3235 Human Computer Interaction
ITEC 3245 Database Principles
ITEC 3300 Project Management
ITEC 4200 Foundations of Info Assurance
ITEC 4205 Legal and Ethical Issues in IT
ITEC 4750 Senior Capstone

Web Applications Development Concentration   24 HOURS

Required
ITEC 3280 Web Programming
ITEC 4244 Database Programming
ITEC 4261 Intro to JAVA Programming
ITEC 4264 Data Structures and Algorithm Analysis
ITEC 4286 Web Applications Development
ITEC 4361 Software Security
ITEC 4366 Advanced Web Development
ITEC 4269 Client/Server Systems Programming

Additional Upper-Level Electives   15 HOURS

*An ITEC elective is any 3000 or 4000 level ITEC course where the prerequisite has been met.