

# WEB APPLICATIONS DEVELOPMENT

## BACHELOR OF SCIENCE IN INFORMATION TECHNOLOGY

*Audit Worksheet 2024-2025 Catalog (expires Summer 2030)*

<b>General Education</b>	<b>Major Requirements</b>
<p><b>AREA I – Institutional Priority</b>                      4 HOURS</p> <p><i>Area I Perspective Elective (ITEC 1001 recommended)</i></p>	<p><b>Field of Study</b>    18- 19 HOURS</p> <p>ITEC 2215 Intro to IT            ITEC 2260 Intro to Programming            ITEC 2270 Application Development            ITEC 2320 Networking Essentials            ITEC 2380 Web Development</p> <p><b>Choose one (circle)</b>            MATH 1251, 2120, 2252, 2253, 2260, 2270</p>
<p><b>AREA M – Mathematics &amp; Quantitative Skills</b>      3 HOURS</p> <p>MATH 1111,1112, 1113, or 1251</p> <p><i>*MATH 1001/Learning Support may be required based on test scores</i></p>	
<p><b>AREA P – Political Science &amp; U.S. History</b>                      6 HOURS</p> <p>*POLS 1101 or 1101H            **HIST 2111, 2111H, 2112, or 2112H</p> <p><i>*Will satisfy the state requirements in U.S. &amp; Georgia Constitution            **Will satisfy the state requirements in U.S. and Georgia History</i></p>	
<p><b>AREA A – Arts, Humanities, &amp; Ethics</b>                      6 HOURS</p> <p><i>Literature Based Elective</i></p> <p><b>Choose one (circle):</b>            ENGL 2111, 2112, 2121, 2122, 2131, 2132, 2141, or 2142</p> <p><i>Area A Elective</i>            COMM 1110 or COMM 1100</p>	
<p><b>AREA C – Communicating in Writing</b>                      6 HOURS</p> <p>ENGL 1101            ENGL 1102</p> <p><i>*ENGL 1101 may require Learning Support based on test scores</i></p>	<p><b>Upper-Level Core Requirements</b>                      21 HOURS</p> <p><b>IT Upper Level Core Courses</b></p> <p>ITEC 3155 Systems Analysis &amp; 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</p>
<p><b>AREA T- Technology, Mathematics, &amp; Sciences</b>      11 HOURS</p> <p><i>Area D Elective Choose one (circle)</i></p> <p>MATH 1401, 1251, 1501, 2252, 2253, 2260, 2270</p> <p><b>Lab-Science Electives Choose two (circle):</b>            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</p> <p><i>*Students cannot receive graduation credit for both            BIOL 1001 and BIOL 2107 or for both BIOL 1002 and BIOL 2108</i></p>	<p><b>Web Applications Development Concentration</b>      24 HOURS</p> <p><b>Required</b></p> <p>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</p>
<p><b>AREA S- Social Sciences</b>                                      6 HOURS</p> <p><i>Area E Elective Choose two (circle):</i>            ANTH 1102,            ECON 2105 , 2106            HIST 1111, 1112,1190, 2111, 2112            GEOG 1101            POLS 2101, 2201, 2301, 2401            PSYC 1101            SOCI 1101, 1160</p>	<p><b>Additional Upper-Level Electives</b>                      15 HOURS</p> <p><i>*An ITEC elective is any 3000 or 4000 level ITEC course where the prerequisite has been met.</i></p>