

**B.S. Information Technology – Software Development
2016-2017 Catalog**

This plan is an unofficial document used for advisement only.

How to use this program plan: Write the grade for the course that satisfies each requirement. If the student takes a course that is chosen from a list of possible courses, circle the course number taken in addition to writing the grade.

General Education: (60 hours)

School Grade

**Area A – Essential Skills: (9 hours)
("C" or better)**

- _____ ENGL 1101 English Composition I
- _____ ENGL 1102 English Composition II
- _____ MATH 1113 Pre-Calculus or MATH 2200

Area B – Institutional Option (4 hours)

- _____ ITEC 1001 Introduction to Computing

Area C – Humanities/Fine Arts (6 hours)

Select one from the following:
MUSC 1100/ARTS 1100/ENGL 2111, 2112, 2121,
2122, 2131, 2132/FILM 1005

Select one from the following:
RELN 1100/GEOG 1101/2000 level foreign lang

Area D – Science, Math, Technology (11 hrs)

- _____ CHEM 1211K Principles of Chemistry I
- _____ CHEM 1212K Principles of Chemistry II
- _____ ITEC 2110 Digital Media

Area E – Social Science (12 hours)

- _____ POLS 1101 American Government
- _____ HIST 2111 **or** HIST 2112 U.S. History I & II

Select one course:
HIST 2111 (if not used above)
HIST 2112 (if not used above)

- _____ HIST 1111 World History I
- _____ HIST 1112 World History II
- _____ HIST 1121 Western Civ I
- _____ HIST 1122 Western Civ II

Select one of the following:
_____ PSYC 1102/SOCI 1101/ANTH 1102/ECON2100

Area F – Courses Related to the Program of Study (18 hours) ("C" or better)

- _____ MGMT 3000 Principles of Management
- _____ ITEC 2140 Programming Fundamentals
- _____ ITEC 2201 Introduction to Info Systems
- _____ MATH 2000 Statistics
- _____ MATH 2300 Discrete Math

Student Name _____

S. Id No _____

Adviser _____

**Program of Study (60 hours) Grade of "C" or Better
(39 hours must be at the 3000-4000 level)**

School Grade

Required IT Courses (33-37 hours)

- _____ ITEC 2110 Digital Media (If not taken in Area D)
- _____ ITEC 2150 Intermediate Programming
- _____ ITEC 3100 Intro to Networks
- _____ ITEC 3150 Advanced Programming
- _____ ITEC 3200 Intro to Databases
- _____ ITEC 3700 System Analysis and Design
- _____ ITEC 3860 Software Development I
- _____ ITEC 3870 Software Development II
- _____ ITEC 3900 Professional Practice & Ethics
- _____ ITEC 4260 Software Testing & QA
- _____ ITEC 4860 Software Development Project

Required Sequence Courses (8–12 hours)

Select either Information Technology or Science/Math Sequence

Information Technology Sequence (0-8 hours)

- _____ ITEC 2130/4450
- _____ ITEC 4550/3450/4650 **Please select two**

Science/Math Sequence (0-8 hours)

- _____ PHYS 2211K/2212K
- _____ BIOL 1107K/1108K **or**
- _____ MATH 2210 and MATH 2450
- _____ MATH 2200 Calculus I (if not taken in Area A)

Additional Electives (11–18 hours)

7 hours at 3000/4000 level
Up to 6 hours can be open electives (2000-4000 level)
MUST INCLUDE MATH 2210 if Physics Track is chosen above
Remaining hours must be ITEC courses

Additional Requirements Physical Education (3 hours)

- _____ Choices for Life (1 hour)
- _____ Additional Physical Education (2 hours)

Regents Requirements – The requirements for US and Georgia History and Constitution can be satisfied by transfer credit of HIST 2111 OR 2112 and POLS 1101 from a University System of Georgia institution. If not satisfied, the student should work with their adviser concerning exemption exams or can complete the courses.

- _____ US Constitution
- _____ Georgia Constitution
- _____ US History
- _____ Georgia History