# B.S. Information Technology – Systems & Security
## 2012/2013 Catalog

This plan is an unofficial document used for advisement only.

## General Education: (60 hours)

### School Grade

<table>
<thead>
<tr>
<th>Area</th>
<th>Requirements</th>
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</table>
| 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) | Choose one from the following:  
MUSC 1100/ARTS 1100/ENGL 2110/2100/FILM 1005  
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 2120 Introduction to Programming |
| 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/ECON 2100 |
| Area F – Courses Related to the Program of Study (18 hours) (“C” or better) | MGMT 3000 Principles of Management  
ITEC 2201 Introduction to Info Systems  
ITEC 2150 Intermediate Programming  
MATH 2000 Statistics  
MATH 2300 Discrete Math |

## Additional Requirements

### Physical Education (3 hours)

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

### Program of Study (60 hours) Grade of “C” or Better

(39 hours must be at the 3000-4000 level)

<table>
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<tr>
<th>School Grade</th>
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<tbody>
<tr>
<td>Required IT Courses (34 hours)</td>
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</table>
| ITEC 2110 Digital Media  
ITEC 3100 Intro to Networks  
ITEC 3150 Advanced Programming  
ITEC 3200 Intro to Databases  
ITEC 3300 Information Security  
ITEC 3600 Operating Systems  
ITEC 3700 Systems Analysis & Design  
ITEC 3900 Profess Practice & Ethics  
ITEC 4810 Info Tech Project I  
ITEC 4820 Info Tech Project II  
ITEC 4310 Operating Systems Security  
ITEC 4320 Internet Security |
| Other Required Courses (7–12 hours) Select one basic Science Sequence: |
| PHYS 2211K/2212K Prin of Physics I & II or  
BIOL 1107K/1108K Prin of Biology I & II or  
MATH 2210 or MATH 2450  
MATH 2200 Calculus I (if not taken in Area A) |
| Additional Electives 14-19 hours) 8-13 hours must be ITEC courses 6 hours can be open elective (2000 or above; 6 hours must be 3000/4000 level courses |

### 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 |

Revised 10/2012