# Requirements for the Degree of Bachelor of Science in Information Technology

## School of Information Technology

### General Requirements

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Minimum Total Hours</td>
<td>120</td>
</tr>
<tr>
<td>Minimum Overall Grade Point Average</td>
<td>2.00</td>
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<tr>
<td>Minimum Overall Grade Point Average in Major</td>
<td>2.00</td>
</tr>
<tr>
<td>Minimum Overall Grade Point Average in Upper Division Courses</td>
<td>2.00</td>
</tr>
</tbody>
</table>

### Bachelor of Science in Information Technology

**Concentration:** Informatics in Health

### Please Note:

While substantial effort will be made to insure accuracy of the material stated herein, Middle Georgia State College reserves the right to change any provision listed in this program of study, including but not limited to academic requirements for graduation, without actual notice to individual students. Every effort will be made to keep students apprised of such changes. If these degree requirements diverges from or conflicts with University System of Georgia Board of Regents (BoR) policy, BoR policy will always take precedence.

1. Students may choose to complete zero, one, or two concentrations.
2. Essential Skills courses must be completed in the first 30 hours of coursework.
3. Students may choose to complete this degree FULLY ONLINE, on campus, or a mix. The core can be completed through online courses through MGSC and Ecore.
4. MGSC encourages all students to take between 30-33 hours per year to graduate on time.
5. All students must take a Global Overlay course. These are courses marked by an Asterisk (*)
6. Courses marked with a double Asterisk (**) are the preferred courses.
7. The Bachelor of Science in Information Technology admission requires any transfer student to have at least a 2.0 GPA.
8. Students must not have any Learning Support (LS) requirements to be eligible for admission to the program.
9. Before taking CLEP or DSST consult with your advisor prior to the exam to make sure it will fit in the degree program.

Additional directives: [http://www.mga.edu/testing-services/](http://www.mga.edu/testing-services/)

### Subject Requirements

<table>
<thead>
<tr>
<th>Subject</th>
<th>Requirements</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Core Curriculum Requirements - 60 hours</strong></td>
<td></td>
</tr>
</tbody>
</table>
| **AREA A: Essential Skills**      | ENGL 1101 - English Composition I  
ENGL 1102 - English Composition II  
MATH 1111 - College Algebra or MATH 1113 Pre-Calculus or MATH 1251 Calculus |
| **AREA B: Institutional Options**  | Perspectives Elective  
*ITEC 1001 Recommended*                                        |
| **AREA C: Humanities Electives**  | Literature Elective  
COMM 1110                                                             |
| **AREA D: Science, Math Technology** | Lab Science Elective I  
Lab Science Elective II  
MATH 1200, 1401, 1251, 2252, 2253, 2260, or 2270 |

### Upper Division Requirements - 60 hours

<table>
<thead>
<tr>
<th>Courses taken in sequential order</th>
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</thead>
<tbody>
<tr>
<td><strong>IT Upper Level Core</strong></td>
</tr>
</tbody>
</table>
| ITEC 3155 Systems Analysis & Design  
ITEC 3235 Human Computer Interaction  
ITEC 3236 Interactive Digital Media  
ITEC 3245 Database Principles  
ITEC 3280 Web Programming  
ITEC 3300 Project Management  
ITEC 3310 IT and Organizational Integration  
ITEC 4200 Foundations of Info Assurance  
ITEC 4205 Legal and Ethical Issues in IT  
ITEC 4750 Senior Capstone |
| **9 hours**                                                                                        |
| HLSA 3310 American Health Care System  
HLSA 3320 Health Care Management  
HLSA 4470 Design and Management |
| **6 hours (Choose 2)**                                                                            |
| HLSA 3350 Public Health and Epidemiology  
HLSA 3360 Quality Management and Improvement |

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| AREA E: Social Sciences 12 hours | HIST 2111 or 2112 - US History to/from 1865  
POL 1101 - American Government  
Area E Elective – Choose 1 from the following: ANTH 1102, ECON 2105, ECON 2106, PSYC 1101, SOCI 1101, or SOCI 1160  
Area E Elective: Choose 1 from the following: ENGL 2111, ENGL 2112, HIST 1111, HIST 1112, HIST 1190, POLS 2301 OR POLS 2402 | HLSA 4410 Health Law and Ethics  
HLSA 4435 Managed Care  
**15 hours**  
ITEC 3xxx/4xxx courses |
| AREA F: Major Field 18 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, 1251, 2252, 2253, 2260, or 2270 |
| NOTES: | |