Information Technology M.S.I.T. (Thesis)

Degree Requirements: 30 Credit Hours

Admission Requirements

Regular Admission

1. Admissions to the MSIT program are competitive. Meeting the admission requirements does not guarantee admission to the program.

2. Completed requirements for the Bachelor’s degree at a college or university accredited by the proper regional accrediting association.

3. An undergraduate degree or the equivalent in Information Technology, Computer Science/Engineering, or Information Systems, or a closely related field of study.

4. A 3.00 (4.0 scale) cumulative grade point average (GPA) or higher on courses in undergraduate work, or equivalent.

5. International students must meet College of Graduate Studies English Proficiency requirements.

6. In addition to the above requirements, admission to the Master of Science in Information Technology also requires:

   (a) two years of work experience in the IT field if the undergraduate degree is not in information technology, information systems, computer science/engineering or a closely related field; and

   (b) a competitive score on the GRE or GMAT exam. The GRE or GMAT exam may be waived if the applicant has three or more years of work experience in IT or a closely related field.

Provisional

A student may be granted provisional admission based upon the recommendation of the Master of Science in Information Technology Graduate Program Coordinator or Department Chair.

Non-Degree

Non-degree students are accepted on an individual basis as space is available.

Degree Requirements: 30 Credit Hours (Thesis) ¹

Core Requirements

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>IT 7130</td>
<td>IT Governance</td>
<td>3</td>
</tr>
<tr>
<td>IT 7135</td>
<td>Seminar in IT</td>
<td>3</td>
</tr>
<tr>
<td>IT 7134</td>
<td>IT Project Management</td>
<td>3</td>
</tr>
<tr>
<td>IT 7131</td>
<td>Data Science Methods</td>
<td>3</td>
</tr>
</tbody>
</table>

Electives Courses

Choose 12 credits (a maximum of 6 credit hours from IT 5xxxG courses)

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>IT 5090G</td>
<td>Selected Topics in Information</td>
<td>3</td>
</tr>
<tr>
<td>IT 5135G</td>
<td>Data Analytics</td>
<td>3</td>
</tr>
<tr>
<td>IT 5233G</td>
<td>Web and Mobile Security Fundamentals</td>
<td>3</td>
</tr>
<tr>
<td>IT 5434G</td>
<td>Network Security Fundamentals</td>
<td>3</td>
</tr>
<tr>
<td>IT 7090</td>
<td>Selected Topics in Information Technology (May be repeated for credit under different topics)</td>
<td>3</td>
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</table>

Total Credit Hours 30

¹ A minimum of 50% of courses for the Master of Science in Information Technology degree must be taken at or above the 6000 level.

Thesis

Each candidate for the Master of Science in Information Technology Thesis Option degree must complete a thesis on a subject approved by the graduate thesis committee. The major professor supervises the research, directs the writing of the thesis, and approves the thesis in its final form. Prior to the final approval, the thesis is read by the thesis committee. One member, termed the second reader, has responsibility for an intensive and rigorous criticism of the thesis and a third member of the thesis committee has the responsibility of an “editorial reader.” Both second and third readers must report all comments to the major professor. The thesis must be defended in an oral examination before the graduate committee prior to final approval and sign-off. The style and format for the completed thesis shall follow that prescribed by the Program Director for the Master of Science in Information Technology degree. Procedural steps in the preparation of the thesis are as follows:

- The prospectus for the thesis shall be submitted to the major professor and thesis committee for approval.
- The thesis must be electronically submitted to the ETD site for format check by the final thesis submission deadline as stated in the University Calendar.
- The final corrected thesis must be electronically submitted to the ETD site by the ETD format check submission deadline as stated in the University Calendar. The final document must be electronically approved by the Thesis Committee.

Advisement

Lei Chen, Ph.D.
Graduate Program Director
Department of Information Technology
Allen E. Paulson College of Engineering and Computing
Georgia Southern University
P.O. Box 8150 Statesboro, GA 30460
Phone: (912) 478-7679
FAX: (912) 478-7883
Mail: LChen@georgiasouthern.edu