Computer Science & Information Technology Degree FAQ

1. What are the fundamental differences between the CS & IT degrees?

   The primary focus of CS is on designing and building software (programming). CS is more math intensive. There are 4 certificate areas which a student can choose from.

   The primary focus of IT is on the design, implementation, integration and maintenance of technology in organizations. The degree requires an internship. The student is required to select a specialization area.

2. What are the 4 Degree Certificates in Computer Science?

   - Broadband & Mobile Systems Certificate
   - Network & Computer Security Certificate
   - Game Programming Certificate
   - Software Engineering Certificate

3. What are the Specializations in the Information Technology program?

   A specialization is required: You must choose one of the following:
   - Information Management
   - Networking and Datacenter Administration
   - Web and Multimedia Foundations
   - Data Science (Requires Calculus 1. Does require different courses than a general IT degree. Ask an advisor for more information)

4. How much math is required for the Degree programs?

<table>
<thead>
<tr>
<th>Computer Science</th>
<th>Information Technology</th>
</tr>
</thead>
<tbody>
<tr>
<td>Calculus I</td>
<td>College Algebra</td>
</tr>
<tr>
<td>Calculus II</td>
<td>Survey of Calculus</td>
</tr>
<tr>
<td>Discrete Mathematics</td>
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<tr>
<td></td>
<td>Statistics</td>
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</tbody>
</table>

   (additional math is required in the Data Science concentration)

5. What type of computer should the student have at home or take to Georgia Southern?

   It does not matter the type of computer a student brings to Georgia Southern. The labs have the software and tools the degrees require. Required software can often be run on different types of computers using virtualized operating systems.
6. What types of languages are used in Computer Science & Information Technology?

<table>
<thead>
<tr>
<th>Computer Science</th>
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<tbody>
<tr>
<td>Java, Unity, C, C++, C#</td>
<td>PHP, JavaScript, SQL, Python</td>
</tr>
</tbody>
</table>

7. Are students REQUIRED to take the Public Speaking (COMM 1110 in Core Area C)?

Public Speaking is required by both the CS and IT Degrees.

8. Are Internships available?

YES! One source of information on internships is through Eagle Career Net at Career Services (see link below). See the Department of IT’s website for IT internship opportunities and information. The IT degree requires an internship. Internships can lead to job opportunities after degree completion.

9. What jobs titles are typical for IT & CS majors?

<table>
<thead>
<tr>
<th>Computer Science</th>
<th>Information Technology</th>
</tr>
</thead>
<tbody>
<tr>
<td>Software Developer</td>
<td>Database Administrator</td>
</tr>
<tr>
<td>Video Game Designer</td>
<td>Networking and Datacenter Administrator</td>
</tr>
<tr>
<td>Software Architect</td>
<td>Webmaster</td>
</tr>
</tbody>
</table>

10. Where is the Advising Center? What times are the operations?

Advising for Engineering, CS & IT majors is offered in the Student Services office. The office is located on the first floor of the College of Engineering & Information Technology (CEIT) building, suite 1208. Hours are 8:00-5:00 Monday through Friday. More information can be found on the Student Services website at: [http://ceit.georgiasouthern.edu/students/advising](http://ceit.georgiasouthern.edu/students/advising)

Helpful Links:

- [http://admissions.georgiasouthern.edu/programs/ap-ib-clep](http://admissions.georgiasouthern.edu/programs/ap-ib-clep)
- [http://catalog.georgiasouthern.edu/undergraduate](http://catalog.georgiasouthern.edu/undergraduate)
- [http://ceit.georgiasouthern.edu/students/scholarships](http://ceit.georgiasouthern.edu/students/scholarships)
- [http://students.georgiasouthern.edu/career](http://students.georgiasouthern.edu/career)