COMPUTER SCIENCE (ENGINEERING)

Program Information
The Department of Computer and Information Science and Engineering offers the Master of Science degree in Computer Science through the College of Engineering. Minimum requirements for this degree are given in the Graduate Degrees (http://catalog.ufl.edu/graduate/degrees/) section of this catalog.

Degrees Offered
Degrees Offered with a Major in Computer Science

• Doctor of Philosophy
• Master of Science

Requirements for these degrees are given in the Graduate Degrees (http://catalog.ufl.edu/graduate/degrees/) section of this catalog.

Courses

Computer and Information Science and Engineering Departmental Courses

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>EEE 5354L</td>
<td>Semiconductor Device Fabrication Laboratory</td>
<td>3</td>
</tr>
<tr>
<td>EGN 5010L</td>
<td>NRF Training Lab</td>
<td>1</td>
</tr>
<tr>
<td>EGN 5949</td>
<td>Practicum/Internship/Cooperative Work Experience</td>
<td>1-6</td>
</tr>
<tr>
<td>EGN 6913</td>
<td>Engineering Graduate Research</td>
<td>0-3</td>
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</table>

College of Engineering Courses

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<tr>
<td>EGN 5949</td>
<td>Practicum/Internship/Cooperative Work Experience</td>
<td>1-6</td>
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<tr>
<td>EGN 6626</td>
<td>Fundamentals of Engineering Project Management</td>
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<td>ESI 6900</td>
<td>Principles of Engineering Practice</td>
<td>1-4</td>
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Student Learning Outcomes

Computer Science (phd)

SLO1 Knowledge
Students identify, formulate, and solve computer science and engineering problems

SLO2 Knowledge
Students can critically read computer science and engineering literature

SLO3 Skills
Students use the techniques, skills, and tools necessary for computer science and engineering practice at an advanced level

SLO4 Professional Behavior
An understanding of professional and ethical responsibility

SLO5  Professional Behavior
Students can communicate effectively

**Computer Science - Engineering (MS)**

SLO 1  Knowledge
Students identify, formulate, and solve computer science and engineering problems.

SLO 2  Knowledge
Students can critically read computer science and engineering literature.

SLO 3  Skill
Students use the techniques, skills, and tools necessary for computer science and engineering practice at an advanced level.

SLO 4  Professional Behavior
Professional experience: an understanding of professional and ethical responsibility.

SLO 5  Professional Behavior
Professional experience: Students can communicate effectively.