Computer Engineering (MS): Internship Concentration

This concentration will require an Internship of at least four months duration (maximum of seven months) and the student to take 3 credit hours of ECE 650 and obtain a Satisfactory grade. An internship of at least four calendar months duration would require that it span at least one semester and possibly part of summer. The credits for ECE 650 would be taken during the semester that includes the internship. The student would be considered as being enrolled full time during that semester.

Degree Requirements

A student would not enroll in this concentration in their first semester. They would switch to it in a later semester if they secure a suitable internship. Per normal CPT rules, International students studying on an F-1 visa would have to be present on a US campus for two full semesters (a full academic year), and present at NC State for one semester, before using CPT privileges to take an internship. If a student switches to this concentration but does not start the internship, they will switch back to the original plan.

This will be a concentration only for on-campus students. Students enrolled in our distance education – Engineering Online (EOL) - option will not be eligible.

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
<th>Counts towards</th>
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<tr>
<td></td>
<td><strong>Required Courses</strong></td>
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<td>ECE 600</td>
<td>ECE Graduate Orientation</td>
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<td><strong>Core Courses</strong></td>
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<td>“Core Courses” are approved in conjunction with the academic committee</td>
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<td><strong>Depth Courses</strong></td>
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<tr>
<td></td>
<td>Select at least three credit hours of 700-level courses</td>
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<td><strong>Major Courses</strong></td>
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<td>Select at least 15 credit hours of EE courses</td>
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<td><strong>Breadth Course</strong></td>
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<td>Select at least three credit hours in different ECE specialites</td>
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<td><strong>Concentration Requirement</strong></td>
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<tr>
<td>ECE 650</td>
<td>Internship ^2</td>
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<td><strong>Additional Courses</strong></td>
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<td>“Additional Courses” are approved in conjunction with the academic committee to meet 31 total hours</td>
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<tr>
<td></td>
<td><strong>Total Hours</strong></td>
<td>31</td>
<td></td>
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</tbody>
</table>

^ Students are only allowed three credit hours of ECE 633, ECE 634, ECE 650, ECE 695 (for Thesis students).

^2 ECE 650 requires that a written report be submitted and accepted by an ECE faculty examiner as meeting the standards required by the course. The written report should cover both technical and non-technical aspects of what the student did and learned during the internship. The report should not disclose company proprietary information.

Faculty

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James Lee Reynolds
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John Victor Veliadis
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Jonathan Wierer
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Michela Becchi
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Chengying Xu
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Amay Jaira Bandodkar
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Chau-Wai Wong
Tianfu Wu
Gregory Edward Bottomley
Laura J. Bottomley
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Robert Joseph Evans
Rachana Ashok Gupta
Douglas C. Hopkins
Steven Wade Hunter
Steven D. Jackson
Bongmook Lee
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Donna G. Yu
Wensong Yu
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Wesley E. Snyder