Master of Science in Computer Science 2009-10

The Master’s Program in Computer Science has been designed to provide opportunities for professional growth in this rapidly changing field. The program provides a balance between practical applications-oriented content and a theoretical framework for continued learning. There is flexibility in choice of electives that allows students to emphasize areas of particular interest.

Requirements
CSCD 500 Colloquium in Computer Science (1) – Must be taken twice, once in the first year of the program.
CSCD 501 Design and Analysis of Algorithms (4)
CSCD 524 Software Engineering (4)
CSCD 540 Advanced Topics in Modern Operating Systems (4)
CSCD 555 Research Methods in Computer Science (2)
  CSCD 555 must be taken in the first year of the program
CSCD 600 or CSCD 601 (8)

Electives (24)
Elective courses: Any 400-level or any non CS course must be approved by the Computer Science Department Graduate Advisor. CSCD 695 credits cannot be used to satisfy any portion of these Elective requirements.

Note: The courses CSCD 538 Topics in Computer Hardware and CSCD 539 Topics in Computer Science may each apply more than once, provided distinct topics are studied.

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<thead>
<tr>
<th>Required core credits</th>
<th>24 credits</th>
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<tbody>
<tr>
<td>Elective credits</td>
<td>24 credits</td>
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<tr>
<td><strong>Total:</strong></td>
<td><strong>48 credits</strong></td>
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12/16/09