SOFTWARE ENGINEERING MINOR

Banner Code: SWE

Academic Advising

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Admissions & Policies

Admissions

Declaring a Software Engineering Minor
Students requesting a software engineering minor must have completed CS 112 Introduction to Computer Programming (Mason Core) or CS 211 Object-Oriented Programming with a B or better.

Policies

General
Candidates for the minor in software engineering must complete 19 credits in software engineering with a minimum GPA of 2.00. 8 credits of which must be unique to the minor and not used for the major. For policies governing all minors, see AP.5.3.4 Minors.

Grades
No more than 3 credits of D grades may be used to satisfy minor requirements.

Requirements

Minor Requirements
Total credits: 19

Required Courses

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CS 112</td>
<td>Introduction to Computer Programming (Mason Core)</td>
<td>4</td>
</tr>
<tr>
<td>CS 211</td>
<td>Object-Oriented Programming</td>
<td>3</td>
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<tr>
<td>CS 310</td>
<td>Data Structures</td>
<td>3</td>
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<tr>
<td>Select three from the following:</td>
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<td>9</td>
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<tr>
<td>SWE 205</td>
<td>Software Usability Analysis and Design</td>
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<tr>
<td>CS 321</td>
<td>Software Engineering</td>
<td></td>
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<tr>
<td>CS 332</td>
<td>Object-Oriented Software Design and Implementation</td>
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<tr>
<td>SWE 432</td>
<td>Design and Implementation of Software for the Web</td>
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<td>SWE 437</td>
<td>Software Testing and Maintenance</td>
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<tr>
<td>SWE 443</td>
<td>Software Architectures</td>
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</tbody>
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Total Credits 19