INFORMATION SYSTEMS MAJOR

Requirements

Major and Track Requirements

The information systems major includes six required courses and four information systems electives. All required courses are drawn from the information systems area. While most students choose all four electives from the information systems area, up to two electives can be taken in the computer science department or in other business areas, with the approval of the faculty adviser.

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>INSY 3432</td>
<td>DATABASE SYSTEMS</td>
<td>3</td>
</tr>
<tr>
<td>INSY 3433</td>
<td>PROGRAMMING WITH JAVA</td>
<td>3</td>
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<tr>
<td>INSY 3441</td>
<td>SYSTEMS ANALYSIS</td>
<td>3</td>
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<tr>
<td>INSY 3442</td>
<td>WEB APPS DESIGN AND DEVELOPMENT</td>
<td>3</td>
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<tr>
<td>INSY 4507</td>
<td>PROJECT MANAGEMENT</td>
<td>3</td>
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| INSY 4800 | GLOBAL INFORMATION TECHNOLOGY STRATEGY AND MANAGEMENT | 3 | (capstone course) 

Four electives from one of the following tracks:

- Business Analytics Track
- Digital Business Innovation Track
- Enterprise Architecture Track

Information Systems Major Electives/Tracks

Information systems major electives (4 courses, 12 credits): Students must take four advanced information systems electives. They are encouraged to use at least three advanced elective courses to specialize in their chosen track. Students also can, after consulting with an information systems faculty adviser, create an optimal mix of electives across tracks to fit their prior expertise and career goals. While most students choose all four electives from the information systems area, up to two electives can be taken in the computer science department or in other business areas, with the approval of the faculty adviser.

Information systems electives sync with the three tracks as follows:

- Business Analytics Track Electives
- Digital Business Innovation Track Electives
- Enterprise Architecture Track Electives

Students must also complete the Gabelli School business and liberal arts Core Curricula. In addition, all students complete between three and seven liberal arts electives depending on their major requirements.

Updated: 10-25-2018