Post-Baccalaureate Academic Certificate in Informatics

An academic certificate in Informatics is offered for those students who have a bachelor’s degree in a field other than Business or Health Informatics and want to improve their knowledge of information systems. To earn a certificate in Informatics, a student must complete 33 total credit hours from the following list. At least twelve of those credits must be taken after the student has completed a bachelor’s degree. Students must choose a Business Informatics emphasis or a Health Informatics emphasis.

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>INFO 1150</td>
<td>Software and Systems Architecture</td>
<td>3</td>
</tr>
<tr>
<td>INFO/CS 1181</td>
<td>Informatics and Programming I</td>
<td>3</td>
</tr>
<tr>
<td>INFO 1182</td>
<td>Informatics and Programming II</td>
<td>3</td>
</tr>
<tr>
<td>INFO 3301</td>
<td>Introduction to Informatics and Analytics</td>
<td>3</td>
</tr>
<tr>
<td>INFO 3307</td>
<td>Systems Analysis and Design</td>
<td>3</td>
</tr>
<tr>
<td>INFO 3380</td>
<td>Networking and Virtualization</td>
<td>3</td>
</tr>
<tr>
<td>INFO 4407</td>
<td>Database Design and Implementation</td>
<td>3</td>
</tr>
</tbody>
</table>

Select one of the following emphases: 12

**Business Informatics Emphasis**
- INFO 2220 Web Development: Client-Side Programming
- INFO 4482 Systems Development and Implementation Methodologies

Students must take six (6) hours of Business courses in any of the following areas:

- Accounting
- Economics
- Finance
- Management
- Marketing

**OR**

**Health Informatics Emphasis**
- INFO/HCA 3330 Health Informatics
- INFO 4422 Health Information Governance

Students must take two (2) courses from the following list:
- INFO 4424 Healthcare Workflow Process Analysis and Redesign
- HCA 1115 US Health System
- HCA 4465 Healthcare Operations and Quality
- HCA 4489 Healthcare Information Systems Practicum

Total Credits 33

Students must complete at least three (3) credits as upper division coursework (3000 or 4000-level) within their selected emphasis.

Students must meet with an advisor and complete a Program of Study Agreement prior to the second semester of coursework.