Information Technology, Applied Information Technology Concentration (M.S.)

Program Requirements
Students who wish to make a career change and have limited or no background in Computer Science and/or Technology will be accepted under the condition of bridging the gap through a program of study that will require anywhere from one to four course in Computer Science Fundamentals. These additional courses do not count towards degree credit.

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>CSIT 501</td>
<td>Computer Science Foundations I</td>
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<tr>
<td>CSIT 502</td>
<td>Computer Science Foundations II</td>
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<tr>
<td>CSIT 503</td>
<td>Computer Science Foundations III</td>
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<tr>
<td>CSIT 504</td>
<td>Computer Science Foundations IV</td>
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**Required Core Courses**
- CSIT 535 Human-Computer Interaction (HCI) 3
- CSIT 537 Web Development 3
- CSIT 540 Computer Networks 3
- CSIT 555 Database Systems 3
- CSIT 560 Network Security 3

**Required Industry Related Courses**

<table>
<thead>
<tr>
<th>Communications</th>
<th>CMST 582 Techniques of Communication</th>
<th>3</th>
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<tbody>
<tr>
<td><strong>Intellectual Property</strong></td>
<td>LAWS 545 Cyberlaw</td>
<td>3</td>
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<tr>
<td>or LAWS 547 Intellectual Property: Copyright, Licensing, and Advertising</td>
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**Computer Science Management**
- CSIT 610 Information Technology Project Management 3
- or CSIT 616 Software Process Management

**Elective Courses**
- Complete 2 courses from the following: 6
- CSIT 515 Software Engineering
- CSIT 531 Robotics
- CSIT 545 Computer Architecture
- CSIT 547 Operating Systems
- CSIT 551 Mobile Computing
- CSIT 571 Computer Algorithms and Analysis
- CSIT 574 Image Processing
- CSIT 595 Topics in Computer Science
- CSIT 610 Information Technology Project Management
- CSIT 615 Advanced Topics in Software Engineering
- CSIT 616 Software Process Management
- CSIT 635 Advanced Human-Computer Interaction (HCI)
- CSIT 655 Advanced Database Systems

**Culminating Experience**
- CSIT 690 Industry Internship in Information Technology Management 3

**Total Credits** 33