# INFORMATION TECHNOLOGY (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.

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<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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<td>CSIT 502</td>
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<td>CSIT 504</td>
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### Required Core Courses

- CSIT 535 Human-Computer Interaction (HCI) 3 credits
- CSIT 537 Web Development 3 credits
- CSIT 540 Computer Networks 3 credits
- CSIT 555 Database Systems 3 credits
- CSIT 560 Network Security 3 credits

### Electives

- Complete 4 courses from the following: 12 credits
  - 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
  - CSIT 656 Scientific Databases
  - CSIT 691 Independent Study: Computer Science
  - CSIT 695 Readings in Computer Science

### Culminating Experience

- CSIT 697 Master's Project in Computer Science 3 credits

**Total Credits**: 30