# COMPUTER SCIENCE (M.S.) (COMBINED B.S./M.S.)

## Program Requirements

6 credits will be applied from the UG program.

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CSIT 545</td>
<td>Computer Architecture</td>
<td>3</td>
</tr>
<tr>
<td>CSIT 571</td>
<td>Computer Algorithms and Analysis</td>
<td>3</td>
</tr>
<tr>
<td>CSIT 615</td>
<td>Advanced Topics in Software Engineering</td>
<td>3</td>
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</tbody>
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### Electives

Select 21 credits of the following:

- CMPT 587  Microcomputers and Computer Interfaces
- CMPT 593  Structured System Design and Analysis
- CSIT 515  Software Engineering
- CSIT 531  Robotics
- CSIT 535  Human-Computer Interaction (HCI)
- CSIT 540  Computer Networks
- CSIT 547  Operating Systems
- CSIT 551  Mobile Computing
- CSIT 555  Database Systems
- CSIT 574  Image Processing
- CSIT 595  Topics in Computer Science
- CSIT 615  Advanced Topics in Software Engineering
- CSIT 635  Advanced Human-Computer Interaction (HCI)
- CSIT 655  Advanced Database Systems
- CSIT 656  Scientific Databases
- CSIT 670  Advanced Computer Algorithms and Analysis
- CSIT 691  Independent Study. Computer Science
- CSIT 695  Readings in Computer Science

### Culminating Experience

Select one of the following options:

- **Thesis**
  - Students must have a 3.3 or higher gpa in the required core courses to register for the Thesis
  - CSIT 698  Master's Thesis
  - Submit the completed Thesis original and one copy to the Graduate Office. See Thesis Guidelines for details.

- **Masters Project**
  - CSIT 697  Master's Project in Computer Science

### Literature Survey in Computer Science

- CSIT 696  Literature Survey in Computer Science

Total Credits: 33