# MASTER OF COMPUTER INFORMATION SYSTEMS, PLAN C (M.C.I.S.)

The M.C.I.S. program addresses market demand for Information Technology (IT) professionals. Students gain applied knowledge and skills to leverage information and technology to enable and transform organizations and society. The program offers students innovative, cutting-edge and in-demand skills in analytics, cyber security, project management, systems analysis and design, software development and implementation, enterprise systems, networking, systems administration, and IT management. Students may enroll full- or part-time in either the on-campus (https://biz.colostate.edu/academics/graduate-programs/master-of-computer-information-systems/) or online (https://www.online.colostate.edu/degrees/cis/) program, giving working professionals flexibility in completing the curriculum. Depending on the number of courses taken per semester, the M.C.I.S. degree typically takes between 1.5 and 3 years to complete.

## Requirements
### Effective Fall 2021

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Core Courses</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CIS 600A</td>
<td>Project Management: Information Technology</td>
<td>3</td>
</tr>
<tr>
<td>CIS 606</td>
<td>Application Software Infrastructure</td>
<td>3</td>
</tr>
<tr>
<td>CIS 610</td>
<td>Software Development Methodology</td>
<td>3</td>
</tr>
<tr>
<td>CIS 655</td>
<td>Business Database Systems</td>
<td>3</td>
</tr>
</tbody>
</table>

Select at least one course from the following:  
CIS 605 Business Visual Application Development
CIS 611 Object-Oriented Systems

Select a minimum of six courses from the following (not previously taken):  
BUS 690C Contemporary Issues: Info Systems
CIS 563 Information Assurance and Security
CIS 570 Business Intelligence
CIS 575 Applied Data Mining and Analytics in Business
CIS 576 Business Data Visualization
CIS 601/MGT 601 Enterprise Computing and Systems Integration
CIS 605 Business Visual Application Development
CIS 611 Object-Oriented Systems
CIS 620 IT Communications Infrastructure
CIS 623 Cybersecurity
CIS 665 E-Business Application Technologies
CIS 670 Advanced IT Project Management
CIS 675 Agile Management and Product Development
CIS 676 Information Technology Management
CIS 695 Independent Study

Program Total Credits: 33