

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

A minimum of 33 credits are required to complete this program.

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

Code	Title	Credits
<b>Core Courses</b>		
CIS 600A	Project Management: Information Technology	3
CIS 606	Application Software Infrastructure	3
CIS 610	Software Development Methodology	3
CIS 655	Business Database Systems	3
<b>Select at least one course from the following:</b>		<b>3</b>
CIS 605	Business Visual Application Development	
CIS 611	Object-Oriented Systems	
<b>Select a minimum of six courses from the following (not previously taken):</b>		<b>18</b>
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	
<b>Program Total Credits:</b>		<b>33</b>