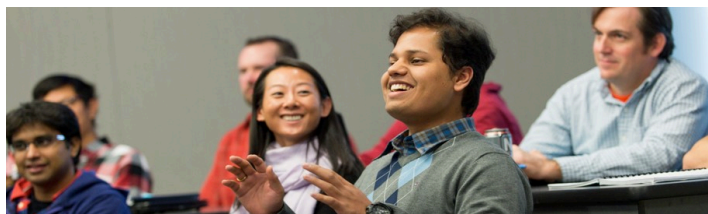


MASTER OF COMPUTER INFORMATION SYSTEMS, PLAN C (M.C.I.S.)



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.

Students interested in graduate work should refer to the Graduate and Professional Bulletin.

Learning Objectives

1. Understand and apply the client/server model of computing.
2. Understand and apply systems analysis, design, development and implementation techniques.
3. Integrate processes and technology in support of the enterprise.
4. Organize and manage an information technology project.
5. Create an environment that produces a high level of satisfaction among stakeholders including students, faculty, administration, alumni, and employers.

Requirements Effective Fall 2021

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

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

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

Requirements for All Graduate Degrees

For more information, please visit Requirements for All Graduate Degrees (<https://catalog.colostate.edu/general-catalog/graduate-bulletin/graduate-study/procedures-requirements-all-degrees/>) in the Graduate and Professional Bulletin (<https://catalog.colostate.edu/general-catalog/graduate-bulletin/>).

Summary of Procedures for the Master's and Doctoral Degrees

NOTE: Each semester the Graduate School publishes a schedule of deadlines. Deadlines are available on the Graduate School website (<https://graduateschool.colostate.edu/deadline-dates/>). Students should consult this schedule whenever they approach important steps in their careers.

Forms (<https://graduateschool.colostate.edu/forms/>) are available online.

Step	Due Date
1. Application for admission (online)	Six months before first registration
2. Diagnostic examination when required	Before first registration
3. Appointment of advisor	Before first registration
4. Selection of graduate committee	Before the time of fourth regular semester registration
5. Filing of program of study (GS Form 6)	Before the time of fourth regular semester registration
6. Preliminary examination (Ph.D. and PD)	Two terms prior to final examination
7. Report of preliminary examination (GS Form 16) - (Ph.D. and PD)	Within two working days after results are known
8. Changes in committee (GS Form 9A)	When change is made

9. Application for Graduation (GS Form 25)	Refer to published deadlines from the Graduate School Website
9a. Reapplication for Graduation (online)	Failure to graduate requires Reapplication for Graduation (online) for the next time term for which you are applying
10. Submit thesis or dissertation to committee	At least two weeks prior to the examination or at the discretion of the graduate committee
11. Final examination	Refer to published deadlines from the Graduate School Website
12. Report of final examination (GS Form 24)	Within two working days after results are known; refer to published deadlines from the Graduate School website
13. Submit a signed Thesis/ Dissertation Submission Form (GS Form 30) to the Graduate School and Submit the Survey of Earned Doctorates (Ph.D. only) prior to submitting the electronic thesis/ dissertation	Refer to published deadlines from the Graduate School website.
14. Submit the thesis/dissertation electronically	Refer to published deadlines from the Graduate School website
15. Graduation	Ceremony information is available from the Graduate School website