Overview

A Master of Computer Information Systems (CIS) gives you the tools not only to enter a career in CIS, but to keep up with the technology as it changes. This degree program uses a cutting-edge curriculum in information technology, project management, and business systems to help you meet the demands of the fast-paced and challenging field of CIS.

Offered through the College of Business Department of Computer Information Systems, this program trains you in the methods needed to keep information flowing through organizations, improving efficiency, effectiveness, and profitability. You will be on the front lines of technology, keeping business operations running smoothly by managing databases, networks, and websites, or even training employees on how to utilize the most recent innovations.

This program offers:

- Excellent job placement: Nearly 100% of the graduates of this master’s program are placed in the IT field.
- High salary potential: CIS graduates have some of the highest starting salaries among majors at Colorado State University.
- Opportunity: Move into a new career or strengthen your position in your current career as the program is designed for both non-IT and IT professionals.

U.S. News and World Report has consistently ranked Colorado State University among the top schools for its online graduate degree programs, including its Master of Computer Information Systems.

Contact our Student Success Team to get started! (970) 492-4898 online.colostate.edu/contact
Minimum Admission Requirements

- Satisfactory scores in GMAT/GRE
- An undergraduate degree with a GPA of at least 3.0 on a 4.0 scale

Completion Requirements

- A minimum of 33 credits (11 classes) must be completed to earn a degree.
- Students may take up to 9 credits of coursework prior to admission and, if a grade of B or better is awarded in those courses, the credits will count towards the master’s degree.
- The Graduate School requires that 24 credits be completed after admission to the program.
- The program can be completed in as few as three semesters or flexed up to 5 years.

Curriculum

Although each course may have prerequisites, they can be modified, depending on prior coursework or work experience, to fit within your program of study and intended semester of admission.

Core courses (all credits required)
- CIS 600 – Information Technology and Project Management (3 cr.)
- CIS 601 – Enterprise Computing and Systems Integration (3 cr.)
- CIS 605 – Business Visual Application Development (3 cr.)
- CIS 606 – Application Software Infrastructure (3 cr.)
- CIS 610 – Software Development Methodology (3 cr.)
- CIS 611 – Object-Oriented Systems (3 cr.)
- CIS 620 – IT Communications Infrastructure (3 cr.)
- CIS 655 – Business Database Systems (3 cr.)
- CIS 665 – E-Business Application Technologies (3 cr.)

Electives (minimum of six credits required)
- CIS 570 – Business Intelligence (3 cr.)
- CIS 575 – Applied Data Mining and Analytics in Business (3 cr.)
- CIS 576 – Business Data Visualization (3 cr.)
- CIS 670 – Advanced IT Project Management (3 cr.)
- CIS 675 – Agile Management and Product Development (3 cr.)
- CIS 676 – Information Technology Management (3 cr.)
- CIS 680A1 – Advanced Networking and Security (3 cr.)
- CIS 695 – Independent Study (3 cr.)