



2025 – 2026 Catalog Vol. IV

Addendum

Effective Date: June 19, 2025

DEFINITION OF A UNIT OF CREDIT. This section replaces the information published on page 15 of the 2025 – 2026 catalog, Vol. III.

The University of Mid Florida follows the Carnegie unit of credit hours recognition, practice, providing courses and programs credit hours for successfully completed unit. Academic credit is awarded for assessment of a course, program, and outcomes based on the definition of one semester credit hour.

The University of Mid-Florida defines one semester credit hour as 15 hours of academic engagement and 30 hours of preparation. One clock hour is one instructional hour. One instructional hours is defined as 50 minutes of instruction in a 60-minute period.

A typical 3 credit course will require 45 hours of total instruction or academic engagement and 90 hours of academic preparation such as the completion of assignments, research, and other course related activities.

PROGRAM INFORMATION. This section replaces the program information published on page 9 of the 2025-2026 catalog, Vol III.

Master of Business Administration

Modality: 100% Online

PROGRAM DESCRIPTION

The Master of Business Administration program is designed for those who want to become generalists in business management. Comprised of a total of 45 credit hours, the program prepares students for life as entrepreneurs. As part of the program's core courses, crucial factors involved in conceiving, initiating, and developing new ventures are examined. Preparation includes guest entrepreneurs, case studies, and written feasibility analyses of student-selected ventures. As management consultants, students develop their analytical, writing, speaking, and observation skills along with the confidence to become independent. Students select up to nine credits in advanced elective coursework such as investment analysis, global finance, entrepreneurship, entrepreneurial economics and innovation, giving them an opportunity to complete the program with a concentration in Finance or Entrepreneurship.

PROGRAM OBJECTIVES

- Apply best practices to solve managerial issues.
- Integrate theories and practice to perform strategic analysis.
- Demonstrate effective written forms of communication and oral business presentations.
- Implement leadership skills to work effectively within diverse teams.

- Identify and analyze ethical responsibilities of businesses.
- Apply decision-making techniques, both quantitative and qualitative analysis, to management issues.

Program Outline

Course Number	Course Title	Semester Credit Hours
<i>Core Courses</i>		
MBA 500	Business in the Global Economy	3
MBA 510	Business Law and Ethics	3
MBA 520	Leadership and Organizational Behavior	3
MBA 530	Financial Decision Making	3
MBA 540	Quantitative and Qualitative Methods for Decision Making	3
MBA 550	Management of Information Systems	3
MBA 560	Supply Chain Management	3
MBA 570	Project Management	3
MBA 600	Risk and Quality Management	3
MBA 610	Marketing and Sales Management	3
MBA 620	International Business Relations	3
MBA 690	Master of Business Administration Capstone	3
	Total Credits	36
<i>Concentration Areas (select up to 9 credit hours)</i>		
<i>Finance Electives</i>		
MBA 630	Corporate Investment Analysis	3
MBA 640	Advanced Corporate Finance	3
MBA 650	Global Finance Management	3
<i>Entrepreneurship Electives</i>		
MBA 660	Entrepreneurship	3
MBA 670	Entrepreneurial Economics	3
MBA 680	Entrepreneurship and Innovation	3
	Total Credits	9
	Total Program Credits	45

Master of Science in Computer Science

Modality: 100% Online

PROGRAM DESCRIPTION

The Master of Science in Computer Science program provides students with an in-depth education geared toward meeting the needs of business and industry in the United States. The program covers a broad background in the areas of programming systems and languages,

artificial intelligence, computer architecture and computer networks. The program culminates with a capstone course, working with faculty in various research topics such as computer and network security, database management systems, modeling and simulation, hardware/software co-design, programming languages, and VLSI systems. Within the required 30 credit hours of coursework and capstone project in the program, students select two concentration elective courses (a total of six credits) in Java Programming or C++ Programming.

PROGRAM OBJECTIVES

- Advanced knowledge of computer language theory, software design, as well as databases, networks, or security.
- Proficiency in algorithms, operating systems, computer language usage, software development, and the management of data, networks, or security.
- Competence sufficient to investigate continually emerging new software technologies, applications, and approaches.
- An understanding of, and ability to apply, the values and principles of professional ethics.
- The ability to apply the principles of information security and assurance in a variety of contexts.

Program Outline

Course Number	Course Title	Semester Credit Hours
<i>Core Courses</i>		
CIS 500	Operating Systems	3
CIS 510	Discrete Computational Structures	3
CIS 520	Advanced Computer Architecture	3
CIS 530	Advanced Algorithms	3
CIS 540	Artificial Intelligence	3
CIS 600	Computer Networks	3
CIS 690	Computer Science Capston	3
	Total Credits	24
<i>Concentration Areas (select up to 6 credit hours)</i>		
<i>Java Programming</i>		
CIS 610	Programming with Java	3
CIS 620	Data Structures with Java	3
<i>C++ Programming</i>		
CIS 630	Programming with C++	3
CIS 640	Data Structures with C++	3
	Total Credits	6
	Total Program Credits	30