

Decision Sciences and Information Systems

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Purpose

With the rapid decrease in information technology cost/benefit ratios, the advancement of graphical user interfaces, and the development of the Internet, information systems have become ubiquitous and strategic.

Students in the information systems concentrations use new or existing research methods to help understand the ways in which contemporary organizations design, employ, and manage information systems.

Students in our graduate programs learn the intellectual frameworks and methods used in areas like systems analysis and design (including object-oriented applications), database management, decision support systems (including data warehousing), global electronic

commerce, enterprise-wide information systems, and information systems management.

The Department of Decision Sciences and Information Systems offers a Master of Science in Management Information Systems (MSMIS) and a concentration in the Ph.D. program.

Master of Science in Management Information System (MSMIS)

Our Master of Science in Management Information Systems (MSMIS) is the only program of its kind that was actually designed with strategic direction from the top CIOs in South Florida. In conjunction with our world-renowned faculty, our advisory board of top IT professionals was instrumental in creating a new and unique master's program that delivers knowledge critical to the success of future Chief Information Officers (CIOs).

To better prepare you to become a CIO, we offer you an integrated curriculum that combines technical and IT management skills, including electronic commerce management and strategy, database management, systems analysis and design, project management, knowledge management, and business intelligence. This approach enables you to understand the complexities of today's most critical business systems and to manage IT resources to produce the best results for your organization.

Unique Features

- Complete the program in 12 months.
- Acquire a unique combination of technical and IT management skills.
- Learn high-demand technologies such as Teradata, SAP, Rational Rose, .Net Java, PL/SQL, UML, XML.
- Gain hands-on application experience in state-of-the-art technology labs.
- Build a future network of highly-qualified professionals and peers in the IT field.
- Improve your soft skills by taking mandatory professional development seminars focused on leadership, team-building skills, oral and written presentation skills, and career preparation.

Admission Requirements

To be eligible for admission to the MSMIS degree program in the Chapman School, prospective students must:

1. Hold a Bachelor's degree or equivalent from an accredited college or university.
2. Show high promise of success in graduate work as determined by the faculty based on a minimum score of 500 on the Graduate Management Admission Test (GMAT) or 1000 (combination of verbal and quantitative) on the Graduate Record Exam (GRE). If the applicant already completed a graduate degree from an accredited university with a minimum of a 3.0 grade point average (GPA), he or she may be eligible for a GMAT or GRE waiver.
3. Have a minimum upper division grade point average (GPA) of 3.0.
4. Provide a personal statement on the motivation to attend the program, including personal and career goals

5. Graduate student applicants whose studies were completed outside of the US must demonstrate proficiency in the English language by presenting a minimum score of 80 on the iBT TOEFL (equivalent to 550 on paper-based version) or 6.5 overall of the International English Language Testing System (IELTS).
6. If applicant is a student in the Graduate Certificate in Management Information Systems, and have completed the first 12 credits with a GPA of 3.25 or higher, he or she may be eligible for admission to the program.
7. Be in good standing with all previously-attended colleges and universities.

Admissions at the graduate level are competitive and meeting minimum program requirements does not guarantee admission.

The following courses are required for the MSMIS degree:

ISM 6205	Database Management	3
ISM 6222	Telecommunication Networks	3
ISM 6316	Project Management of Information Sciences	3
ISM 6106	Systems Analysis	3
ISM 6326	Information Security	3
ISM 6156	Enterprise Information Systems	3
ISM 6930	Special Topics in Management Information Systems	3
ISM 6423	Knowledge Management	3
ISM 6489	Electronic Commerce Management	3
ISM 6057	Web Management	3
ISM 6338	Information Systems Policy and Strategy	3
ISM 6136	Business Intelligence Applications	3
Professional Development Seminars I, II, III		

Professional Development Seminars

Seminars will focus on soft skills such as leadership, team building, oral presentation, writing skills and career exploration. There will be team-building activities which include classroom exercises in group decision-making and problem-solving. Challenging outdoor exercises will be included to help participants build the skills they will need to work together in the program and to succeed in today's team-based organizations. Students will also work with a presentation and writing skills coach to improve the communication and writing skills that are critical to managerial success.

Seminars will be mandatory, non-credit.

Professional Development Seminar I

Team Building – Ropes Course	8hrs
Career Development	6hrs
Working in Teams	4hrs

Professional Development Seminar II

Presentation Skills	8hrs
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Professional Development Seminar III

Writing Skills	8hrs
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To complete MSMIS degree, students need to successfully complete all 12, three-credit hour courses for a total of 36 credit-hours, and maintain a B average (3.0 GPA).

For additional information, please visit <http://msis.fiu.edu> or contact the Program Manager at (305) 348-6852 or msis@fiu.edu.

Master of Science in Management Information System/Master of Business Administration Joint Degree Program

The Department of Decision Sciences and the MBA program in the Alvah H. Chapman Jr. Graduate School of Business at Florida International University are offering a joint degree program culminating in both a Master of Business Administration (MBA), and a Master of Science in Management Information Systems degree (MSMIS). Under the joint degree program, a student can obtain both degrees in significantly less time than it would take to obtain both degrees if pursued consecutively. The joint degree program will use existing faculty, courses, and resources. Important criteria relating to the joint degree program are as follows:

1. Candidates to the joint degree program must meet the entrance requirements established by each individual program. Candidates must indicate on the application their intention to pursue the joint degree option. Students deciding to pursue the joint degree option after having been admitted to one program will indicate this intention only on their second application.
2. Applications for a joint degree will not be accepted from candidates who have already completed either degree. MBA or MSMIS students must apply and be admitted no later than the second to last semester in which they are expected to complete their original degree requirements.
3. Candidates must satisfy all requirements for each degree. To obtain the MSMIS degree, the student will be required to take twelve (12) MIS courses. This includes the one MIS course in the MBA core program, plus eleven MIS courses from the MSMIS program, for a total of 36 credit hours. Four of these eleven MSMIS courses will be used to satisfy part of the elective requirements of the MBA program. To obtain the MBA degree, the student will have to fulfill all the MBA program requirements. The two degrees will have five common courses. All courses transferred between degrees must be completed with a grade point average of 3.0 or higher. MSMIS courses transferred to meet MBA elective credit must be 6000 level courses approved by the University Curriculum Committee. Directors of the MBA and MSMIS degree programs may adjust these exact course requirements as a result of future changes to the MBA or MSMIS curriculums.
4. Joint degree candidates will not receive either degree until all requirements for both programs have been satisfied. Students deciding against completing a second degree must satisfy all first degree program requirements as if the student had never been a joint degree candidate. With the joint degree program students will take a total of 76 credit hours to get both degrees. Without the joint degree program students will need to take 91 credit hours to get both degrees. Thus, MBA students who have taken twelve credits of MSMIS common courses may obtain an MSMIS degree with an additional 21 credits. MSMIS students who have taken three credits of a MBA core MIS

course may obtain an MBA degree with only 40 credits.

For additional information, contact the Evening MBA office at (305) 348-3256 or the MSMIS Office at (305) 348-6852.

MIS Concentration in the PH.D. Program

The Department of Decision Sciences and Information Systems offers a Management Information Systems (MIS) concentration in the doctoral program in Business Administration. The concentration requires completion of the following six courses (18 credit-hours):

ISM 7935	Foundations of IS Research
ISM 7306	Seminar on Strategy and Information Resource
COP 7545	File and Database Systems
ISM 7126	Seminar on Systems Analysis
ISM 7406	Decision Support Systems
ISM 7xxx	Enterprise Information Systems

Please contact the Ph.D. program director, Professor Ronald M. Lee for further requirements and details.

Graduate Certificate in Management Information Systems

The Graduate Certificate in Management Information Systems is designed to meet the rapidly evolving needs of information systems and business professionals in the field of management information systems. The goal of this certificate program is to provide a solid understanding of the design, development, technology, and management of information systems. The program focuses on areas in high demand – database management, systems analysis and design, and telecommunication networks.

Admission Requirements

To be eligible for admission to the Graduate Certificate in MIS program in the Chapman School, students must:

1. Hold a Bachelor's degree or equivalent from an accredited college or university.
2. Have a minimum upper division grade point average (GPA) of 2.75.
3. Graduate student applicants whose studies were completed outside of the US must demonstrate proficiency in the English language by presenting a minimum score of 80 on the iBT TOEFL (equivalent to 550 on paper-based version) or 6.5 overall of the International English Language Testing System (IELTS).
4. Be in good standing with all previously-attended colleges and universities.

Admissions at the graduate level are competitive and meeting minimum program requirements does not guarantee admission.

The Certificate Program consists of six courses, (18 credit hours):

ISM 6205	Database Management
ISM 6222	Telecommunications Networks
ISM 6316	Project Management of IS
ISM 6106	Systems Analysis
ISM 6326	Information Security
ISM 6423	Knowledge Management