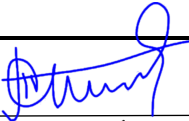
 FLORIDA ATLANTIC UNIVERSITY	NEW/CHANGE PROGRAM REQUEST Undergraduate Programs	UUPC Approval <u>10-11-21</u> UFS Approval _____ Banner Posted _____ Catalog _____
	Department _____ College _____	
Program Name	New Program Change Program	Effective Date (TERM & YEAR)
Please explain the requested change(s) and offer rationale below or on an attachment		
Faculty Contact/Email/Phone	Consult and list departments that may be affected by the change(s) and attach documentation	
Approved by Department Chair <u></u> College Curriculum Chair <u>Ethlyn Williams</u> College Dean <u>Paul Hen</u> UUPC Chair <u>Daniel Mesroff</u> Undergraduate Studies Dean <u>Edward Pratt</u> UFS President _____ Provost _____	Date <u>Sep 10, 2021</u> <u>09/27/2021</u> 9 - 28 - 2021 <u>10-11-21</u> <u>10-11-21</u> _____ _____	

Email this form and attachments to mjenning@fau.edu one week before the UUPC meeting so that materials may be viewed on the UUPC website prior to the meeting.

Undergraduate Program in Management Information Systems

Management Information Systems develops specialized proficiencies in management information technology and leads to the B.B.A. or B.S. degree. It focuses on the concepts and tools necessary for analyzing, designing, planning and developing resources.

Along with the University and College of Business degree requirements listed in the [Degree Requirements](#) section of this catalog, Management Information Systems students must complete the requirements below.

Prerequisite Coursework for Transfer Students

Students transferring to Florida Atlantic University must complete both lower-division requirements (including the requirements of the Intellectual Foundations Program) and requirements for the college and major. Lower-division requirements may be completed through the A.A. degree from any Florida public college, university or community college or through equivalent coursework at another regionally accredited institution. Before transferring and to ensure timely progress toward the baccalaureate degree, students must also complete the prerequisite courses for their major as outlined in the [Transition Guides](#).

All courses not approved by the Florida Statewide Course Numbering System that will be used to satisfy requirements will be evaluated individually on the basis of content and will require a catalog course description and a copy of the syllabus for assessment.

Pre-Business Foundation Coursework

These are previously listed under the heading [Degree Requirements \(B.B.A. and B.S.\)](#) and subheading Pre-Business Foundation Coursework in this section.

Core Requirements

These are previously listed under the heading [Degree Requirements \(B.B.A. and B.S.\)](#) and subheading College of Business Core in this section.

Management Information Systems Major Courses

Students who major in MIS are required to take Advanced Systems Analysis and Design (ISM 4133) and five other MIS electives (18 total credits) beyond Management Information Systems (ISM 3011). A grade of "C" or better is required in all major courses. Students may choose to follow one of the two paths below or may choose courses from both paths in consultation with their advisor. The Information Technology path is the classical MIS path that provides core technical skills needed to manage and design information technology in organizations. Students acquire the basic four technical skills of application development and programming languages, databases, data communications and system analysis. The Information and Knowledge Management path provides students with general, broad knowledge in information and knowledge management in organizations, digital products and service development, social media analysis, as well as project management. Graduates will have the skills to analyze and lead technology-enabled products and services and consult organizations on digital products and services.

Additionally, students may choose to concentrate in Business Analytics or Cybersecurity, but are not required to. If a student pursues the Business Analytics concentration, the student must take Database Management Systems (ISM 4212) and any other three of the courses that constitute the chosen concentration. ~~or~~ If a student pursues the Cybersecurity concentration, the student must take the four courses that constitute the chosen concentration. Concentration courses are noted below.

Information Technology Path		
Introduction to Computer Systems and Software Development	ISM 3230	3
Database Management Systems*	ISM 4212	3
Business Data Communications**	ISM 4220	3
Advanced Systems Analysis and Design	ISM 4133	3
Choose two of the following courses		
Special Topics	ISM 4930	3
Social Media and Web Technologies	ISM 4054	3
Project Management	MAN 4583	3
Information Technology and Operations Management Internship	ISM 4940	3
Introduction to Business Analytics and Big Data*	ISM 3116	3
Data Mining and Predictive Analytics*	ISM 4117	3
Advanced Business Analytics *	ISM 4403	3
Introduction to Cybersecurity**	ISM 4320	3
Management of Information Assurance and Security**	ISM 4323	3
Computer Forensics**	ISM 4324	3
Mobile Apps for Business	ISM 4053	3
Social Media and Web Analytics*	ISM 4420	3
Business Software Systems Development Project	ISM 4243	3
Advanced Business Software Development	ISM 4234	3
Artificial Intelligence and Digital Transformation for Business*	ISM 4421	3
Blockchain: Business Implications	ISM 4451	3

* These courses constitute the Business Analytics concentration.

** These courses constitute the Cybersecurity concentration.

Information and Knowledge Management Path		
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Advanced Systems Analysis and Design	ISM 4133	3
Choose five of the following courses		
Special Topics	ISM 4930	3
Social Media and Web Technologies	ISM 4054	3
Project Management	MAN 4583	3
Information Technology and Operations Management Internship	ISM 4940	3
Introduction to Computer Systems and Software Development	ISM 3230	3
Database Management Systems*	ISM 4212	3
Introduction to Business Analytics and Big Data*	ISM 3116	3
Data Mining and Predictive Analytics*	ISM 4117	3
Advanced Business Analytics*	ISM 4403	3
Business Data Communications**	ISM 4220	3
Introduction to Cybersecurity**	ISM 4320	3
Management of Information Assurance and Security**	ISM 4323	3
Computer Forensics**	ISM 4324	3
Global Supply Chain Management	MAN 4597	3
Contemporary Issues of Digital Data Management	ISM 4041	3
Mobile Apps for Business	ISM 4053	3
Social Media Innovation	ISM 3007	3
Healthcare Information Systems	ISM 4381	3
Social Media and Web Analytics*	ISM 4420	3
Artificial Intelligence and Digital Transformation for Business*	ISM 4421	3
Blockchain: Business Implications	ISM 4451	3
Data Management and Analysis with Excel	QMB 3302	3

* These courses constitute the Business Analytics concentration.

** These courses constitute the Cybersecurity concentration.