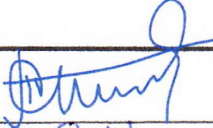


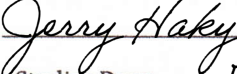
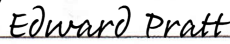
 FLORIDA ATLANTIC UNIVERSITY	NEW/CHANGE PROGRAM REQUEST Undergraduate Programs	UUPC Approval <u>3-1-21</u> UFS Approval _____ Banner Posted _____ Catalog _____
	Department Information Technology and Operations Management College Business	
Program Name Undergraduate Program in Management Information Systems	<input type="checkbox"/> New Program <input checked="" type="checkbox"/> Change Program	Effective Date (TERM & YEAR) Fall 2021
Please explain the requested change(s) and offer rationale below or on an attachment <p>ITOM proposes to add two existing courses (ISM 4243: Business Software Systems Development Project and ISM 4234: Advanced Business Software Development) and one new course (ISM 4421: Artificial Intelligence and Digital Transformation for Business) as electives to the undergraduate program in Management Information System. Specifically, ITOM proposes to add ISM 4243 and ISM 4234 courses to the Information Technology (IT) path while adding ISM 4421 course to both the IT path and the Information and Knowledge Management path in the MIS program.</p> <p>Due to the unprecedented nationwide drop of MIS major in 2006, ITOM did revamp and eliminate our Programming concentration from the program. As we successfully recovered in the recent years, ITOM started experimenting by opening ISM 4243 - Business software development project and ISM 4234: Advanced Business Software Development classes. Per the student and advisor feedback I receive, as well as from the professors teaching the programming courses, there has been an increased demand for programming classes for a couple of years. Currently, they are successful classes and enough students enroll. So now, every time a student registers for ISM 4243 and 4234, they have to petition to count toward their major. This created a lot of petitions, so we need the small catalog change of adding ISM 4243 and ISM 4234 only to to the IT path.</p> <p>In addition, ITOM is at the forefront of Artificial Intelligence program initiative of President Kelly, We have been working on this since last Fall 2020. We offered the new courses in AI as Special Topics at the undergraduate level – ISM 4930: AI for Business. ISM 4930 will become ISM 4421 and be added to both paths. The enrollment was unprecedentedly strong for a brand new course, showing interest by students. With the support of the university-wide committee on AI curriculum, ITOM would like to provide AI education to MIS majors.</p>		
Faculty Contact/Email/Phone Tamara Dinev / tdinev@fau.edu / 73181	Consult and list departments that may be affected by the change(s) and attach documentation Consulted with, and supported by Engineering/CS	
Approved by Department Chair <u></u> College Curriculum Chair <u></u> College Dean <u></u> UUPC Chair <u></u> Undergraduate Studies Dean <u></u> UFS President _____ Provost _____	Date <u>2/1/2021</u> <u>2/17/21</u> <u>2.18.2021</u> <u>3-2-21</u> <u>3-2-21</u> _____ _____	

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

Catalog Changes

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 or 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 Intelligence*	ISM 3116	3
Data Mining and Data Warehousing*	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

* These courses constitute the Business Analytics concentration.

** These courses constitute the Cybersecurity concentration.

Information and Knowledge Management Path		
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 Intelligence*	ISM 3116	3
Data Mining and Data Warehousing*	ISM 4117	3
Advanced Business *	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

* These courses constitute the Business Analytics concentration.

** These courses constitute the Cybersecurity concentration.