

 FLORIDA ATLANTIC UNIVERSITY	NEW/CHANGE PROGRAM REQUEST Graduate Programs		UGPC Approval _____ UFS Approval _____ Banner _____ Catalog _____
	Department Information Technology and Operations Management College Business		
Program Name BBA or BS to MS Combined Program		☐ New Program* ☒ Change Program*	Effective Date (TERM & YEAR) Spring 2022
Please explain the requested change(s) and offer rationale below or on an attachment. The following change/updates are made to include new course in the program: 1. QMB 6303, Data Management and Analysis with Excel, is added as an alternative to ISM 6405 as a required graduate-level course. 2. Adding ISM 6455, Blockchain and Digital Business Transformation or ISM 6427C, Business Innovation with Artificial Intelligence to the list of Graduate Year courses. 3. Adding ISM 4421, Artificial Intelligence and Digital Transformation for Business, to the list of Senior Year courses.			
*All new programs and changes to existing programs must be accompanied by a catalog entry showing the new or proposed changes.			
Faculty Contact/Email/Phone Dr. T. Dinev / tdinev@fau.edu / 7-3181		Consult and list departments that may be affected by the change(s) and attach documentation Computer Science, support email attached	
Approved by Department Chair _____ College Curriculum Chair _____ College Dean _____ UGPC Chair _____ UGC Chair _____ Graduate College Dean _____ UFS President _____ Provost _____		Date Sep 10, 2021 Sept 20, 2021 9/22/2021	

Email this form and attachments to UGPC@fau.edu 10 days before the UGPC meeting.

Tamara Dinev

From: Hanqi Zhuang
Sent: Monday, September 13, 2021 6:16 PM
To: Tamara Dinev
Subject: Re: Curriculum housecleaning of MSITM

Dear Tamara,

These changes are fine to me. One suggestion, you may replace CEECS with EECS without deleting the acronym.

Thanks,
Hanqi

From: Tamara Dinev <tdinev@fau.edu>
Sent: Monday, September 13, 2021 4:43 PM
To: Hanqi Zhuang <zhuang@fau.edu>
Subject: Curriculum housecleaning of MSITM

Dear Dr. Zhuang:

I would like to ask if you have any concerns regarding the attached catalog minor changes of the MSITM program and the accelerated BBA to MSITM program:

Your department name is updated, as well as some business courses are re-arranged, including adding the newly created blockchain course and cleaning up a course listed both in required and elective in the business tracks. Please see attached.

Best Regards:
Tamara

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B.B.A. or B.S. to M.S. Combined Program

The Accelerated (B.B.A. or B.S.) to M.S. prepares highly motivated students for careers as professional information technologists through an integrated, five-year, 150-credit program that leads to the joint award of a B.B.A. or B.S. with Major in Management Information Systems and a Master of Science with Major in Information Technology and Management (MSITM). The program begins in the senior year and is based on the Boca Raton campus. Students complete a rigorous curriculum, take their Information Technology classes together as a cohort group and participate in professional development activities.

Students apply for the program in the second semester of their junior year and must complete 150 credits in specified courses, satisfy all University and College major degree requirements for each academic program, maintain a cumulative and major GPA of at least 3.0 and satisfy all other requirements of the accelerated program. Students are awarded each degree separately upon completion of the individual degree requirements.

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.

Admission Requirements

Students apply to the program in the second semester of their junior year, during which they should complete the prerequisite courses below. Seniors who would like to apply need to submit a petition for eligibility to the ITOM Department chair. Eligibility exceptions for these students will be considered on a case-by-case basis. Seniors who submitted an application for degree are not eligible to apply for the program and should consider applying to the regular MSITM program instead.

To be considered, students must have a cumulative undergraduate GPA of at least 3.0 and an Information Technology GPA of at least 3.0. Students must also complete an on-site essay and interview with a member of the Information Technology and Operations Management Accelerated Undergraduate/Graduate Programs Committee.

Prerequisites for Admission to Combined Program (Junior Year)		
Management Information Systems (fall)*	ISM 3011	3

Introduction to Computer Systems and Software Development (fall)	ISM 3230	3
Business Data Communications (fall)	ISM 4220	3
Advanced Systems Analysis and Design (spring)	ISM 4133	3
Database Management Systems (spring)	ISM 4212	3

* All College of Business undergraduate students, except Accounting majors, must take this course.

In addition, ISM 6405 (Advanced Business Analytics) or QMB 6303 (Data Management and Analysis with Excel) is required during undergraduate studies and is used to fulfill the required B.B.A. or B.S. 120 degree credits. In the event that a student is unable to complete the 30 M.S. program credits, excluding ISM 6405 or QMB 6303, during the following four semesters after receiving the B.B.A. or B.S. degree, the student will be dismissed from the program.

Students who successfully complete the first year of the accelerated program are admitted to graduate school in the fall of the second year. The financial aid status of the student changes to graduate at this time. Students who have not maintained the requirements are not automatically admitted to graduate school. These students may apply to graduate school by taking the GMAT and going through the traditional graduate school admission process. In the event that a student completes the undergraduate degree requirements but is unable to complete the graduate degree requirements, the student, upon receiving permission from the College of Business, will be awarded only the undergraduate degree.

Degree Requirements

Three of the following MIS major courses must be completed with a grade of "B" or better. In addition to the required graduate-level courses below, students must choose one of the two concentrations below and take all three courses in the chosen concentration.

Senior Year (18 credits)		
<i>Business Analytics Concentration*</i>		
Introduction to Business Analytics (fall)	ISM 3116	3
Data Mining and Predictive Analytics (fall)	ISM 4117	3
Social Media and Web Analytics (spring) <u>or</u>	ISM 4420 <u>or</u>	3
Contemporary Issues of Digital Data Management (spring) <u>or</u>	ISM 4041 <u>or</u>	3
<u>Artificial Intelligence and Digital Transformation for Business (fall)</u>	<u>ISM 4421</u>	<u>3</u>
<i>Cybersecurity*</i>		
Introduction to Cybersecurity (fall)	ISM 4320	3
Management of Information Assurance and Security (fall)	ISM 4323	3
Computer Forensics (spring)	ISM 4324	3
MIS Concentration Total		9

Required Graduate-Level Courses		
Advanced Business Analytics (spring) <u>or</u>	ISM 6405 <u>or</u>	3
<u>Data Management and Analysis with Excel</u>	<u>QMB 6603</u>	
Management of Information Systems and Technology (summer)	ISM 6026	3
Communication Strategies for Business Professionals and Core-Course Follow-Up	GEB 6215	3

* ISM 4930, Special Topics, or ISM 4940, Information Technology and Operations Management Internship, may be used as substitutes to fulfill concentration requirements.

Graduate Year (24 credits)		
<i>Fall*</i>		
Information Technology Project and Change Management	ISM 6316	3
Management of Information Assurance and Security	ISM 6328**	3
Enterprise Information Technology Service Management <u>or</u>	ISM 6368	3
<u>Business Innovation with Artificial Intelligence or</u>	<u>ISM 6427C</u>	<u>3</u>
<u>Blockchain and Digital Business Transformation</u>	<u>ISM 6455</u>	<u>3</u>
<i>Spring*</i>		
Web-Based Business Development	ISM 6508	3
Information Technology Sourcing Management	ISM 6509	3
Choose from menu of CECS courses below		3
<i>Summer</i>		
Choose from menu of CECS courses below		3
Choose from menu of CECS courses below		3
<i>College of Engineering and Computer Science (CECS) Course Options</i>		
Data Mining and Machine Learning	CAP 6673	3
Software Testing	CEN 6076	3
Software Engineering	CEN 5035	3
Computer Data Security	CIS 6370	3
Computer Network Programming	CNT 5715	3
Mobile Computing	CNT 6517	3
Object-Oriented Software Design	COP 5339	3
Component Programming with .NET	COP 5595	3
Theory and Implementation of Database Systems	COP 6731	3

Topics in Computer Science (Advanced Web Technologies)	COT 5930	3
Wireless Networks	EEL 6591	3

* ISM 6942, Graduate Information Technology and Operations Management Internship, may be substituted for one of the required College of Business courses (offerings are dependent upon employer availability).

** Students who took ISM 4320 and ISM 4323 need to consult with their graduate advisor to take a substitute course.