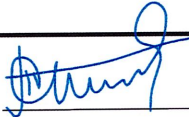


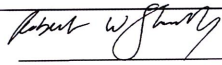
 FLORIDA ATLANTIC UNIVERSITY	NEW/CHANGE PROGRAM REQUEST Graduate Programs		UGPC Approval _____ UFS Approval _____ Banner _____ Catalog _____
	Department ITOM College Business		
Program Name Master of Science with Major in Business Analytics		<input type="checkbox"/> New Program* <input checked="" type="checkbox"/> Change Program*	Effective Date (TERM & YEAR) Spring 2023
<p>Please explain the requested change(s) and offer rationale below or on an attachment.</p> <p>We, the ITOM department, propose the following changes made to the University Catalog.</p> <p>I. Add the following courses as Electives: ISM 6217 Database Management Systems ISM 6455 Blockchain and Digital Business Transformation ISM 6930 Special Topics MAN 6581 Project Management MAN 6596 Supply Chain Management</p> <p>II. Remove the following course as Elective: ISM 6316 Information Technology Project and Change Management - Replaced with MAN 6581 to align with MSSCM</p> <p>III. Change the existing admissions requirement to the following*: 3. GRE or GMAT scores more than five years old are normally not acceptable; The GRE and the GMAT requirement is waived for any student who has a baccalaureate degree from FAU's Department of Information Technology and Operations Management (ITOM) with a GPA of at least 3.25 (out of a possible 4.0) in the last 60 credits attempted prior to graduation;</p> <p>*These changes are to maintain consistency of admission requirements across two other graduate programs hosted by ITOM.</p> <p>*All new programs and changes to existing programs must be accompanied by a catalog entry showing the new or proposed changes.</p>			
Faculty Contact/Email/Phone Jahyun Goo/jgoo@fau.edu/561-297-2352		Consult and list departments that may be affected by the change(s) and attach documentation the multi-college MSDA committee was consulted. No objections or comments were raised	
Approved by Department Chair  College Curriculum Chair <u>Anita Pennathur</u> College Dean <u>Ken Johnson</u> UGPC Chair  UGC Chair  Graduate College Dean  UFS President _____ Provost _____			Date <u>05/01/2022</u> 8/26/2022 8/26/2022 Sep 23, 2022 Sep 23, 2022 Sep 26, 2022 _____ _____

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

Tamara Dinev

Subject: FW: Master of Science in Business Analytics (MSBA) Program
Attachments: New Combined Degree Program Request Memo - BBA BS to MSBA (April 2022).docx;
New Combined Degree Program Request Form - BBA BS to MSBA (April 2022).pdf;
Change Program Request Form - MSBA (April 2022).pdf; Catalog Changes - Master of
Science with Major in Business Analytics (April 2022).docx

From: Karen Dye <kchinand@fau.edu>

Date: April 29, 2022 at 13:19:33 EDT

To: William Kalies <WKALIES@fau.edu>, Kevin Wagner <kwagne15@fau.edu>, Mihaela Cardei
<mcardei@fau.edu>, Vincent Naudot <vnaudot@fau.edu>, Taghi Khoshgoftaar <khoshgof@fau.edu>

Subject: Master of Science in Business Analytics (MSBA) Program

Dear committee members:

ITOM has two items for your review regarding our Master of Science in Business Analytics (MSBA) program :

1. Proposal for a new combined degree program – BBA/BBS to MSBA. This program is aligned with the University strategic push to retain the best undergraduate students as graduate students before they graduate, especially in the STEM disciplines. MSBA is a STEM discipline. At the time of the approval of our MSBA program, the Board of Trustees asked us to start working on a combined degree on MSBA. With this proposal, we are fulfilling the BOT request.
2. Proposed changes to the MSBA program: adding electives, as well as aligning the GRE/GMAT requirements with the other graduate programs in the college (and the STEM disciplines in the College of Engineering) that aim to retain our undergraduates/recently graduated students.

Please let me know if there are any comments and/or objections to the two items.

Regards,

Karen Dye

Karen Chinander Dye, Ph.D.
University Instructor
Department of Information Technology and Operations Management
College of Business
Florida Atlantic University
777 Glades Road
Boca Raton, FL 33431

Master of Science with Major in Business Analytics

The Master of Science in Business Analytics is a STEM program with emphasis on artificial intelligence that provides a strong curriculum. It teaches business graduate students methods and tools to extract, curate, preserve, analyze, mine, visualize and present structured and unstructured business data, helping them make well-informed managerial and executive decisions in various domain-specific business contexts. The program provides graduates with the key skills and hands-on experience demanded by employers locally, statewide, nationally and internationally. Students are required to complete 30 graduate-level credits with a 3.0 GPA or better to graduate. The program does not offer a thesis option.

Admissions

The College of Business seeks a diverse, highly qualified group of graduate students. Applications are evaluated on several factors emphasizing prior academic performance, GMAT or GRE scores, work experience and the potential for scholarly and professional success. Other aspects of admission include:

1. Bachelor's degree in any discipline; no business prerequisites are required;
2. GPA approximately 3.0 or higher over the last 60 undergraduate credits;
3. ~~GMAT/GRE—A combined score (verbal + quantitative) of at least 295 on the GRE or a GMAT score of 500 or higher.~~ GRE/GMAT scores more than five years old are normally not acceptable; ~~The GRE and the GMAT requirement is waived for any student who has a baccalaureate degree from FAU's Department of Information Technology and Operations Management (ITOM) with a GPA of at least 3.25 (out of a possible 4.0) in the last 60 credits attempted prior to graduation;~~
4. International students from non-English-speaking countries must be proficient in written and spoken English as evidenced by a score of at least 500 (paper-based test) or 213 (computer-based test) or 79 (Internet-based test) on the Test of English as a Foreign Language (TOEFL) or a score of at least 6.0 on the International English Language Testing System (IELTS); and
5. Applicants must meet other requirements of the FAU Graduate College.

Degree Requirements

Students are required to complete 30 graduate-level credits, or ten 3-credit courses (5000 level or higher), with a 3.0 GPA or higher to graduate. The program does not offer a thesis option.

Required Courses - 24 credits		
Communication Strategies for Business Professionals and Core-Course Follow-Up OR	GEB 6215	3
Communication Strategies for Business Professionals (for students in the Professional MSBA only)	GEB 6217	3
Management of information Systems and Technology	ISM 6026	3
Data Mining and Predictive Analytics	ISM 6136	3
Introduction to Business Analytics and Big Data	ISM 6404	3
Advanced Business Analytics	ISM 6405	3
Business Innovation with Artificial Intelligence	ISM 6427C	3
Social Media and Web Analytics	ISM 6555	3
Data Management and Analysis with Excel	QMB 6303	3
Elective Courses - Select two from this list		
Database Management Systems	ISM 6217	3
Information Technology Project and Change Management	ISM 6316	3
Blockchain and Digital Business Transformation	ISM 6455	3
Special Topics	ISM 6930	3

Graduate Information Technology and Operations Management Internship	ISM 6942	3
Project Management	MAN 6581	3
Supply Chain Management	MAN 6596	3
Marketing Analysis and Executive Action	MAR 6816	3
Supply Chain Analytics	QMB 6616	3