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|  FLORIDA ATLANTIC UNIVERSITY | NEW/CHANGE PROGRAM REQUEST Graduate Programs | | UGPC Approval _____ UFS Approval _____ Banner _____ Catalog _____ |
| Department ITOM College College of Business | | | |
| Program Name Master of Science-Business Analytics | <input type="checkbox"/> New Program* <input type="checkbox"/> Change Program* | Effective Date (TERM & YEAR) Spring 2025 | |
| <p>Please explain the requested change(s) and offer rationale below or on an attachment.</p> <p>Add course ISM 6276 Managing AI Product Development to the list of the electives for the MS of Business Analytics Program.</p> <p>Explanation: The new elective course will enhance the program by adding a relevant course in the area of AI product development.</p> | | | |
| <small>*All new programs and changes to existing programs must be accompanied by a catalog entry showing the new or proposed changes.</small> | | | |
| Faculty Contact/Email/Phone Magno Queiroz/mqueiroz@fau.edu | | Consult and list departments that may be affected by the change(s) and attach documentation The MSDSA committee was contacted. No objections were raised. See attached. | |
| Approved by Department Chair _____ College Curriculum Chair <u>Robert Pinsker</u> College Dean <u>Marc Rhorer</u> UGPC Chair _____ UGC Chair _____ Graduate College Dean <u>Robert W. Johnson</u> UFS President _____ Provost _____ | | | Date 9 / 15 / 2024 9/24/2024 9/24/2024 10/02/2024 10/02/2024 10/02/2024 _____ _____ |

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

Summary of Changes:

ISM 6276 Managing AI Product Development added to the list of the electives for the MS of Business Analytics Program

BUSINESS ANALYTICS

MASTER OF SCIENCE (M.S.)

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. It is available in person or fully online.

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. 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

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| Communication Strategies for Business Professionals and Core-Course Follow-Up | GEB 6215 |
| Communication Strategies for Business Professionals (for students in the Professional MSBA only) | GEB 6217 |
| Management of information Systems and Technology | ISM 6026 |
| Data Mining and Predictive Analytics | ISM 6136 |
| Introduction to Business Analytics and Big Data | ISM 6404 |
| Advanced Business Analytics | ISM 6405 |
| Business Innovation with Artificial Intelligence | ISM 6427C |
| Social Media and Web Analytics | ISM 6555 |
| Data Management and Analysis with Excel | QMB 6303 |

Elective Courses - Select two from this list

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|--|-----------------|
| Database Management Systems | ISM 6217 |
| Blockchain and Crypto Assets: Digital Business Transformation | ISM 6455 |
| Special Topics | ISM 6930 |
| Graduate Information Technology and Operations Management Internship | ISM 6942 |
| Project Management | MAN 6581 |
| Supply Chain Management | MAN 6596 |
| Marketing Analysis and Executive Action | MAR 6816 |
| Supply Chain Analytics | QMB 6616 |
| <u>Managing AI Product Development</u> | <u>ISM 6276</u> |

Tamara Dinev

Subject: ITOM new AI course elective for MS Business Analytics
Attachments: Syllabus-ISM 6276-Managing AI Product Development.pdf; Catalog changes-Business Analytics.pdf

From: Karen Dye <kchinand@fau.edu>
Sent: Thursday, September 5, 2024 9:14 AM
To: William Trapani <wtrapan1@fau.edu>; Vincent Naudot <vnaudot@fau.edu>; Mihaela Cardei <mcardei@fau.edu>; Taghi Khoshgoftaar <khoshgof@fau.edu>
Cc: Hari Kalva <hkalva@fau.edu>; Kevin Wagner <kwagne15@fau.edu>
Subject: ITOM new AI course elective for MS Business Analytics

Dear MSDSA Committee,

The ITOM department is adding a new course on AI as an elective for our department's MS in Business Analytics program. This is not part of the MS DSA program, but want to notify the committee of this new course offering. I have attached the syllabus along with the catalog change for the MS Business Analytics program for your review. Please let me know if anyone has any comments or objections.

Thank you.

Karen Dye

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