



New Combined Degree Program Request

UUPC Approval _____
 UGPC Approval _____
 UFS Approval _____
 Banner Posted _____
 Catalog _____

New Combined Degree Program Request

B.B.A./B.S. to M.S. in
 Proposed Program: Business Analytics CIP: _____ Effective Date (Term/Year): Spring / 2023 (e.g. Fall/2020)

Proposed Combined Program Information	Undergraduate	Graduate
Degree Level (e.g. B.A., B.S., M.A., M.S., etc.)	B.B.A. or B.S.	MS
Program Name (e.g. Physics, Engineering, etc.)	BBA in Management Information Systems	Master of Science in Business Analytics
College	Business	Business
Department	ITOM	ITOM
Program Description (provide a brief description of the program, including thesis or non-thesis option)	This is a combined program with BBA to MS in Business Analytics. Students complete the pre-requisites while pursuing the bachelor's degree. Up to twelve (12) credits can be counted in both BBA and MSBA programs.	

Curriculum Requirements

GPA Requirements: Departments must establish a minimum undergraduate GPA for students to be admitted to a combined program. *Note: Please attach explanation.*

Cumulative GPA of at least 3.25 at the end of the student's junior year.

List courses to be shared: Up to twelve (12) credit hours of graduate courses (5000 level or above course work) may be shared between the graduate and undergraduate degree for a combined program. *Note: Please attach explanation:*

- Academic justification for shared credits and catalog language
- List the undergraduate course that will be replaced by graduate courses.

	Name	Signature	Email	Date
Faculty Submitting Request	Jahyun Goo		jgoo@fau.edu	

Approved by

Department Chair:

College Dean: Ken Johnson

College Curriculum Chair: Anita Pennathur

UUPC Chair: RLB

Undergraduate Studies Dean: _____
(Note: Forward approved form to UGPC@fau.edu)

UGPC Chair: RLB

UGC Chair: RLB

Graduate College Dean: Robert W. Johnson

UFS President: _____

Provost: _____

Date

5/1/2022

8/26/2022

8/26/2022

Sep 8, 2022

Sep 23, 2022

Sep 23, 2022

Sep 26, 2022

Email this form and supporting documents to mjenning@fau.edu seven (7) business days before the UUPC 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

Proposal for Creation of Combined BBA/MSBA
Degree Program

MEMORANDUM

TO: College of Business Graduate Council

FROM: Tamara Dinev, ITOM Department Chair

RE: Proposal for Creation of Combined B.B.A. or B.S. in Management Information Systems to M.S. in Business Analytics Degree Program

DATE: April, 2022

This proposal is to create an integrated, five-year, 150 credit-hour program that leads to the combined award of a B.B.A. or B.S. in Management Information System (MIS) and a M.S. with Major in Business Analytics (BA) awarded by the Information Technology and Operations Management (ITOM) department. This accelerated (B.B.A. or B.S.) to M.S. in BA degree program provides academically talented students an opportunity to complete a bachelor's and a master's degree in a shorter period of time.

I. Advantages of the Accelerated Degree

- Qualified students can obtain a graduate degree in much less time (e.g. 10 months).
- The cost of both degrees is reduced (e.g. no GMAT or GRE and up to four less courses).
- Students' marketability is greatly enhanced; many professions now require a master's degree for even entry-level positions.

II. Program Details and Coursework

Students should apply for the program in the second semester of their junior year, must satisfy all University and College major degree requirements for each academic program and maintain a cumulative and major GPA of at least 3.25 on a 4.0 scale. Students will be awarded each degree separately upon completion of the individual degree requirements. If accepted into the combined program, up to 12 graduate credits can double count for coursework toward requirements for both bachelor's and master's degrees.

Pre-requisite Coursework for Transfer Students: Students transferring to Florida Atlantic University must complete both lower-division requirements 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 pre-requisite courses for their major as outlined in the *Transfer Student Manual* (see www.fau.edu/registrar/tsm.php).

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.

Proposal for Creation of Combined BBA/MSBA
Degree Program

PROGRAM REQUIREMENTS

Junior Year Courses: Pre-requisites to enter combined program

Students must have a GPA of 3.25 and complete the following courses with a grade of “B” or better.

Semester	Course	Title	Pre-Requisite	Credits
Fall	ISM 3011	Management Information Systems*	ISM 2000	3
			Major Courses Total	3

Specific requirements include:

- Maintain an overall GPA of 3.25 and a grade of “B” or better on all upper division MIS coursework.
- Complete at least 3 credits, and up to 12 credits, of 5000/6000 level coursework during the student’s undergraduate studies. Graduate Coursework must be approved by the department/advisor.
- Apply to the MSBA program by submitting the graduate application and all required admission documents.

Students who successfully complete the requirements of their undergraduate degree program, with at least 3 credits of graduate level coursework completed, are admitted to graduate school the following semester. 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/GRE and going through the regular 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.

SEE BELOW FOR CATALOG LANGUAGE.

CATALOG SPECIFICATIONS

Combined Programs

B.B.A. or B.S. with Major in Management Information Systems to M.S. with Major in Business Analytics Combined Degree Program

The Information Technology and Operations Management department offers a combined Bachelor of Business Administration (B.B.A.) or Bachelor of Science (B.S.) with Major in Management Information Systems to Master of Science (M.S.) in Business Analytics (MSBA) program. Students in this combined program may count up to 12 credits of approved graduate coursework (5000 level or higher) toward both their bachelor's degree and master's degree.

1. The student has met the minimum 120 credits for the bachelor's degree; and
2. The student has taken a minimum of 30 credits in 5000 level or higher courses for the master's program.

With the approximate duration of five years, this combined program provides attractive ways for students to continue their graduate work. Students will complete and graduate from their bachelor degree first, and then continue coursework to finish their master degree program.

Pre-requisite Coursework for Transfer Students

Students transferring to Florida Atlantic University must complete both lower-division requirements 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 pre-requisite courses for their major as outlined in the *Transfer Student Manual* (see www.fau.edu/registrar/tsm.php).

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

The GRE/GMAT requirement is waived for this program. To be eligible for the combined program, the bachelor's students in the Bachelor of Business Administration (B.B.A.) or Bachelor of Science (B.S.) with Major in Management Information Systems should:

1. Have a cumulative undergraduate FAU GPA of 3.25 or better at the end of their junior year. Note that the cumulative FAU GPA of at least 3.25 must be maintained until the completion of the Bachelor of Business Administration (B.B.A.) or Bachelor of Science (B.S.) with Major in Management Information Systems degree.
2. Formally apply to the combined program, completing the admissions process at least one semester prior to the beginning of the M.S. in Business Analytics portion of the program.

Once admitted to the program, students begin taking graduate courses (5000/6000 level courses) in their senior year that would apply to both the bachelor's and master's degree programs. Students in the combined program must maintain continuous enrollment, in full-time status, during their bachelor's degree to remain in the combined program. Once students are admitted to the M.S. in Business Analytics program, they must maintain continuous enrollment to remain in good standing. Students must also meet

all of the degree requirements of the graduate program.

Degree Requirements

To be eligible for the combined Bachelor of Business Administration (B.B.A.) or Bachelor of Science (B.S.) with Major in Management Information Systems to Master of Science (M.S.) in Business Analytics (MSBA) Degree Program, students must fulfill the following requirements:

1. Completion of the requirements for the Bachelor of Business Administration (B.B.A.) or Bachelor of Science (B.S.) with Major in Management Information Systems
2. Completion of all requirements for the Master of Science (M.S.) in Business Analytics (MSBA)

Credits counted toward Bachelor's and Master's Degrees

The following Undergraduate course requirements may be replaced with the shown graduate level courses (up to a total of 12 credits). These graduate credits count toward both the bachelor's degree and the master's degree.

Undergraduate Course Requirements	Graduate Course Substitution*
Upper Division ITOM Department Electives (12 credits)	<p>Choose any 3 courses (9 credits) from the Business Analytics Group and any 1 course (3 credits) from the Technology Management Group:</p> <p>Business Analytics Group</p> <ul style="list-style-type: none">• ISM 6404 Intro to Business Analytics and Big Data• ISM 6405 Advanced Business Analytics• ISM 6136 Data Mining and Predictive Analytics• ISM 6427C Business Innovation with Artificial Intelligence• ISM 6555 Social Media and Web Analytics• QMB 6303 Data Management & Analysis with Excel• ISM 6930 Special Topics• ISM 6217 Database Management <p>Technology Management Group</p> <ul style="list-style-type: none">• MAN 6596 Supply Chain Management• MAN 6581 Project Management• ISM 6455 Blockchain & Digital Business Transformation• QMB 6616 Supply Chain Analytics• ISM 6930 Special Topics

* Students who have taken an undergraduate elective course cannot use the corresponding graduate course for substitution or for credit towards the graduate program. The following are corresponding undergraduate-graduate courses: ISM 3116-ISM 6404; ISM 4117-ISM 6136; ISM 4212-ISM 6217; ISM 4403-ISM 6405; ISM 4420-ISM 6555; ISM 4421-ISM 6427C; ISM 4451-ISM 6455; MAN 4583-MAN 6581; MAN 4597-MAN 6596; QMB 3302-QMB 6303