FLORIDA ATLANTIC UNIVERSITY

New Combined Degree Program Request

UGPC/UGC Approval _____

UUPC Approval _____

UFS Approval _____

Banner Posted _____

Catalog _____

New Combined Degree Program Request

Proposed Program: B.S. in BME to M.S. in AI CIP: _____ Effective Date (Term/Year): Spring 2026 *(e.g. Fall/2020)*

Proposed Combined Program Information	Undergraduate	Graduate
Degree Level (e.g. B.A., B.S., M.A., M.S., etc.)	B.S.	M.S.
Program Name (e.g. Physics, Engineering, etc.)	Biomedical Engineering	Artificial Intelligence
College	Engineering and Computer Science	Engineering and Computer Science
Department	Biomedical Engineering	Electrical Engineering and Computer Science
Program Description (provide a brief description of the program, including thesis or non-thesis option)	This combined degree program allows students to complete both a B.S. in Biomedical Engineering and an M.S. in Artificial Intelligence within five years. The combined degree program is 150 credits, with 120 credits for the undergraduate degree and 30 credits for the graduate degree. After application and admittance to the M.S. graduate program at the beginning of the senior year, up to 12 credits of approved graduate-level courses may be taken and counted toward both the B.S. and M.S. programs. Students may select either the thesis or non-thesis option of the M.S. degree.	

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

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	Raquel Assis	Raquel Assis	rassis@fau.edu	8/29/25

Approved by / ***Date***

Department Chair: Jawad Mir — 8/29/2025

College Dean: Raquel Assis — 8/29/2025 — 9/25/23

College Curriculum Chairs (GR and UG): A.R. Hoyale, Galan Liu — 8/29/2025 — 9/25/25

UGPC Chair: _____

UGC Chair: _____

Graduate College Dean: _____

UUPC Chair: _____

Undergraduate Studies Dean: _____

UFS President: _____

Provost: _____

Email this form and the new program's catalog entry to ugpc@fau.edu (copy mjenning@fau.edu) six business days before the UGPC/UGC meeting.

New combined degree programs must be approved by the Provost's Office before being submitted to the committees for review/approval. Send program form and catalog entry to Debra Szabo (dszabo@fau.edu). Once approved, submit approval email along with this form and catalog entry as noted above.

For questions, contact the Graduate College at ugpc@fau.edu.

BIOMEDICAL ENGINEERING TO ARTIFICIAL INTELLIGENCE
BACHELOR OF SCIENCE (B.S.) IN BIOMEDICAL ENGINEERING TO MASTER OF SCIENCE (M.S.) IN ARTIFICIAL INTELLIGENCE COMBINED PROGRAM

(Minimum of 150 credits required)

This combined degree program allows Bachelor of Science (B.S.) students in Biomedical Engineering with a cumulative GPA of at least 3.25 at the end of their junior year the opportunity to jointly complete their B.S. and a Master of Science (M.S.) in Artificial Intelligence degree within approximately five years. After application and admittance to the graduate program at the beginning of their senior year, up to 12 credits of approved graduate-level courses (5000-level or higher) may be taken and counted toward both the B.S. and M.S. degrees, as long as the following criteria are met:

1. The student has met the minimum of 120 credits for the B.S. degree, and
2. The student has taken a minimum of 30 credits (5000-level or higher) for the M.S. in Artificial Intelligence.
3. Three technical electives or two technical electives plus BME research can be replaced by graduate level courses in AI.

The combined degree program is 150 credits, with 120 for the undergraduate degree and 30 for the master's degree. Students complete the undergraduate degree first and take up to 12 credits of graduate coursework in their senior year, which will be used to satisfy both degrees. Students must retain a cumulative GPA of 3.25 by the time of graduation.

To be eligible for the joint B.S./M.S. program, students must:

1. Have a cumulative GPA of 3.25 or higher (FAU and transfer courses);
2. Have a total institution GPA of 3.25 or higher (FAU courses); and
3. Formally apply to the joint program, completing the admissions process at least one semester prior to beginning the M.S. portion of the program.