NEW/CHANGE PROGRAM REQUEST
Undergraduate Programs

FLORIDA ATLANTIC UNIVERSITY

Department	
College	

UUPC Approval _2-23-26_

UFS Approval _____

Banner _____

Catalog _____

Program Name	New Program*	Effective Date *(TERM & YEAR)*
	Change Program*	

Please explain the requested change(s) and offer rationale below or on an attachment.

*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	Consult and list departments that may be affected by the change(s) and attach documentation

Approved by		*Date*
Department Chair	_Hai Kdva_	2-12-26
College Curriculum Chair	_Yalan Liu_	2/12/26
College Dean		2/14/26
UUPC Chair	_Korey Sorge_	2-23-26
Undergraduate Studies Dean	_Dan Meeroff_	2-23-26
UFS President		
Provost		

Email this form and attachments to mjenning@fau.edu seven business days before the UUPC meeting.

Bachelor of Science in Artificial Intelligence with Public Management

(Minimum of 120 credits required)

Admission Requirements
All students must meet the minimum admission requirements of the University. Please refer to the Admissions section of this catalog.

The Bachelor of Science in Artificial Intelligence with Public Management (B.S.A.I. – P.M.) is a multi-college, interdisciplinary program jointly administered by the School of Public Administration in the Dorothy F. Schmidt College of Arts and Letters, the Department of Electrical Engineering and Computer Science (EECS) in the College of Engineering and Computer Science. This program aims to prepare students with balanced training in AI/computer science and public management to meet growing workforce demand at the intersection of governance and technology.

Prerequisite Coursework for Transfer Students
Students transferring to Florida Atlantic University must complete both lower-division requirements (including the requirements of the General Education Curriculum) and requirements for the college and major. Lower-division requirements may be completed through an Associate in Arts (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 listed with 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.

Degree Requirements
The minimum number of credits required for the Bachelor of Science in Artificial Intelligence with Public Management degree is 120 credits: 36 credits in the General Education Curriculum, 24 credits in AI core, 15 credits in AI electives, 21 credits in Public Management core, 12 credits in Public Management electives, 3 credits capstone course, 3 credits mathematics for AI, and 6 credits in free electives. This degree will be awarded to students who satisfy all admission and degree requirements.

Students must attain a minimum grade of "C" in Mathematics of Data Science, AI Core, AI Electives, Public Management Core, Public Management Electives, and AI Capstone.

Foreign Language Requirement

All students must satisfy the foreign language requirement for admission to the University.

Specific Requirements

Course Title	Course Number	Credits
General Education Courses**		**36**
Mathematics of Data Science	MAP 2192	**3**

AI Core Courses

Course Title	Course Number	Credits
Applications of Artificial Intelligence	CAP 2603	3
Introduction to AI	CAP 4630	3
Introduction to Data Science and Analytics	CAP 4773	3
Introduction to Software Design	CEN 3062C	3
Introduction to Programming in Python	COP 3035C	3
Data Structures and Algorithm Analysis with Python	COP 3410C	3
Analysis of Algorithms	COT 4400	3
Foundations of Computing	COT 2000C	3
Total AI Core Credits		*24*

AI Electives ***

Select 5 courses totaling 15 credits

Course Title	Course Number	Credits
Introduction to Web Programming	COP 3834	3
Introduction to Database Structures	COP 3540	3
Introduction to Natural Language Processing	CAI 4304	3
Trustworthy Artificial Intelligence	CAP 4623	3
Introduction to Deep Learning	CAP 4613	3
Python Programming	COP 4045	3
Introduction to Data Mining and Machine Learning	CAP 4770	3
Introduction to Large Language Models	CAI 4223	3
Applied Database Systems	COP 4703	3
Total AI Elective Credits		*15*

Public Management Core Courses (21)

Course Title	Course Number	Credits
Public Management and Administration	PAD 3003	3
Organizational Behavior and Administrative Communication	PAD 3104	3
Public Budgeting and Finance	PAD 4223	3
Managing People in the Public Sector	PAD 4414	3
Administrative Process and Ethics	PAD 4604	3
Quantitative Inquiry for Public Managers	PAD 4702*	3
Research Methods for Public Management	PAD 4704	3

Total Public Management Core Credits		**21**

Public Management Electives

Select 4 courses totaling 12 credits

Communication Skills for Public Managers	PAD 3438	3
Information Technology in Public Administration	PAD 3712	3
Introduction to Nonprofit Sector	PAD 4144	3
Funding for Nonprofit Organizations	PAD 4202	3
Financial Management of Nonprofit Organizations	PAD 4203	3
Public Budgeting Techniques and Processes	PAD 4228	3
Program Evaluation in Public Management	PAD 4320	3
Managing for Excellence in the Public and Nonprofit Sectors	PAD 4332	3
Public Sector Labor Relations	PAD 4426	3
State and Local Government Administration	PAD 4806	3
Total Public Management Elective Credits		**12**

Free Electives		**6**

AI Capstone	CAI 4741	**3**

	TOTAL	**120**

** students must take STA 2023 and MAC 2233 in Mathematics area

*** Certain 3000- and 4000-level courses offered by the Electrical Engineering and Computer Science Department may be used as AI electives. Certain 5000- or 6000-level courses offered by the Electrical Engineering and Computer Science Department may be taken as AI electives. Students must see an advisor for a current list of elective courses.