

 <b>FLORIDA ATLANTIC UNIVERSITY</b>	<b>NEW/CHANGE PROGRAM REQUEST</b> <b>Undergraduate Programs</b>		UUPC Approval <u>11-03-25</u> UFS Approval _____ Banner _____ Catalog _____
	<b>Department</b>  <b>College</b>		
<b>Program Name</b>	<b>New Program*</b>  <b>Change Program*</b>	<b>Effective Date</b> (TERM & YEAR)	
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.			
<b>Faculty Contact/Email/Phone</b>	<b>Consult and list departments that may be affected by the change(s) and attach documentation</b>		
<b>Approved by</b>		<b>Date</b>	
Department Chair <u>Hai Kalva</u>		<u>10/20/2025</u>	
College Curriculum Chair <u>Galen Liu</u>		<u>10/21/25</u>	
College Dean <u>[Signature]</u>		<u>10/26/25</u>	
UUPC Chair <u>Korey Sorge</u>		<u>11-03-25</u>	
Undergraduate Studies Dean <u>Dan Meeroff</u>		<u>11-03-25</u>	
UFS President _____		_____	
Provost _____		_____	

## **Bachelor of Science in Artificial Intelligence with Philosophy**

*(Minimum of 120 credits required)*

The mission of the interdisciplinary artificial intelligence programs is to prepare graduates who can build and architect AI systems informed by deep domain expertise to solve complex, real-world challenges across diverse fields. The programs provide a strong foundation in AI principles and domain-specific knowledge, cultivating interdisciplinary innovators with the technical skills to create novel AI solutions, the ability to deploy them responsibly, and the adaptability to thrive in a rapidly evolving technological landscape. Graduates will be highly competitive in the workforce and well-prepared to lead innovation across industry, research, and society.

### **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 Philosophy (B.S.A.I.) is a multi-college, interdisciplinary program jointly administered by the Philosophy Department in the Dorothy F. Schmidt College of Arts & 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 Philosophy to meet growing workforce demand at the intersection of life sciences 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 Philosophy degree is 120 credits: 36 credits in the General Education

Curriculum, 24 credits in AI core, 15 credits in AI electives, 21 credits in Philosophy core, 12 credits in Philosophy electives, 6 credits in free electives, 3 credits capstone course, 3 credits mathematics for AI. 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, Philosophy Core, Philosophy Electives, and AI Capstone.

## Foreign Language Requirement

All students must satisfy the foreign language requirement for admission to the University, and must satisfy the Language Elective Credit Requirement.

### Specific Requirements

Course Title	Course Number	Credits
<b>General Education Courses**</b>		<b>36</b>

Mathematics of Data Science	MAP 2192	<b>3</b>
-----------------------------	----------	----------

### 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
<b>Total AI Core Credits</b>		<b>24</b>

### AI Electives \*\*\*

Select 5 courses totaling 15 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**

---

**Philosophy Courses (39)**

Logic	PHI 2102	3
Artificial Intelligence and Ethics	PHI 2680	3
Philosophy of Mind	PHI 3320	3
Knowledge and Reality	PHI 4380	3
Philosophy of Science	PHI 4400	3
Ethical Theory	PHI 4661	3
Senior Seminar in Philosophy	PHI 4938	3

---

<b>Total Philosophy Core Credits</b>	<b>21</b>
--------------------------------------	-----------

---

**Philosophy Electives**

Select any 3 courses totaling 9 credits

---

Ancient Philosophy	PHH 3100	3
Medieval and Renaissance Philosophy	PHH 3280	3
Early Modern Philosophy	PHH 3420	3
Pragmatism	PHH 3730	3
Late Modern Philosophy	PHH 4440	3
Introduction to Philosophy	PHI 2020	3
Critical Thinking	PHI 2680	3
Philosophy of Psychiatry	PHI 3453	3
Philosophy of Medicine	PHI 3456	3
Moral Problems	PHI 3638	3
Environmental Ethics	PHI 3870	3
Philosophy of Literature	PHI 3882	3
Symbolic Logic	PHI 4134	3
Biomedical Ethics	PHI 4633	3
Philosophy of Religion	PHI 4700	3
Aesthetics and Art Theory	PHI 4800	3
Directed Independent Study	PHI 4905	3
Special Topics	PHI 4930	3
Philosophy of Sexuality	PHM 3020	3
Feminist Philosophy	PHM 3123	3
Philosophy of Law	PHM 3400	3
Philosophy of Video Games	PHM 4133	3
Science Fiction and Philosophy	PHM 4133	3
Africana Philosophy	PHP 3781	3
Phenomenology	PHP 4782	3

---

---

<b>Total Elective Credits</b>	<b>9</b>
-------------------------------	----------

---

---

<b>Language Elective Credits</b>	<b>6-8</b>
----------------------------------	------------

---

---

Select 2 language courses totaling 6-8 credits from the following prefixes: ARA, CHI, FOL, FRE, FRW, GER, GEW, GRK, HBR, ITA, ITW, JPN, LAT, SPN, or SPW

---

Free Elective		<b>1-3</b>
AI Capstone	CAI 4741	<b>3</b>
<b>TOTAL</b>		<b>120</b>

---

\*\* 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.