

Bachelor of Science in Artificial Intelligence for Business

About This Program

Through the Bachelor of Science in Artificial Intelligence for Business, students learn how to harness AI and data-driven methods to solve real-world business problems. The program integrates foundational business knowledge with advanced skills in artificial intelligence, machine learning, and analytics to address organizational challenges in decision-making, operations, and strategy. Graduates are prepared for careers where AI and analytics drive business value, including roles such as business/data analyst, AI programmer/developer, data engineer, data scientist, and supply chain analyst.

Competencies

1. Upon completion, students will be able to gather and preprocess data from various sources.
2. Upon completion, students will be able to employ data analysis and visualization techniques to support organizational decision making.
3. Upon completion, students will understand various machine learning techniques and their applications to solve business problems.
4. Upon completion, students will demonstrate critical thinking and communication skills.
5. Upon completion, students will understand core business concepts in various functional areas and be able to apply AI and analytics to support decision making in these areas.

Curriculum

Students must meet all lower division requirements before enrolling in upper division courses. Specified prerequisites are designated for certain courses.

Foundations

General Core Requirements (<https://catalog.uta.edu/academicregulations/degree requirements/generalcore requirements/>) 42

Students must complete specific classes in certain core areas.

For Mathematics select:

MATH 1315	COLLEGE ALGEBRA FOR ECONOMICS & BUSINESS ANALYSIS
-----------	---

For Social & Behavioral Sciences select:

ECON 2305	PRINCIPLES OF MACROECONOMICS ¹
-----------	---

For Foundational Component Area Option select:

ECON 2306	PRINCIPLES OF MICROECONOMICS ¹
-----------	---

MATH 1316	MATHEMATICS FOR ECONOMICS AND BUSINESS ANALYSIS
-----------	---

UNIV 1131	STUDENT SUCCESS	1
-----------	-----------------	---

or UNIV 1101	CAREER PREPARATION AND STUDENT SUCCESS
--------------	--

Additional hours required in general education core. 2

Business Core

MANA 1301	BUSINESS IN A GLOBAL ENVIRONMENT	3
-----------	----------------------------------	---

ACCT 2301	PRINCIPLES OF ACCOUNTING I	3
-----------	----------------------------	---

ACCT 2302	PRINCIPLES OF ACCOUNTING II	3
-----------	-----------------------------	---

BSTAT 2305	INTRODUCTORY STATISTICS FOR BUSINESS ANALYTICS	3
------------	--	---

INSY 2303	INTRODUCTION TO M.I.S. AND DATA PROCESSING	3
-----------	--	---

BCOM 3360	EFFECTIVE BUSINESS COMMUNICATION	3
-----------	----------------------------------	---

BLAW 3310	LEGAL AND ETHICAL ENVIRONMENT OF BUSINESS	3
-----------	---	---

BSTAT 3321	INTERMEDIATE STATISTICS FOR BUSINESS ANALYTICS (Must earn a B or better)	3
------------	--	---

FINA 3313	BUSINESS FINANCE	3
-----------	------------------	---

MANA 3318	MANAGING ORGANIZATIONAL BEHAVIOR	3
-----------	----------------------------------	---

MANA 4322	STRATEGIC MANAGEMENT	3
-----------	----------------------	---

OPMA 3306	SUPPLY CHAIN MANAGEMENT	3
-----------	-------------------------	---

MARK 3321	PRINCIPLES OF MARKETING	3
-----------	-------------------------	---

Business Analytics Specialization

BANA 3308	INTRODUCTION TO AI FOR BUSINESS APPLICATIONS	3
-----------	--	---

BANA 3309	DATA VISUALIZATION AND BUSINESS INTELLIGENCE	3
-----------	--	---

BANA 4308	ADVANCED AI FOR BUSINESS APPLICATIONS	3
-----------	---------------------------------------	---

BANA 4311	ETHICS OF ARTIFICIAL INTELLIGENCE APPLICATIONS	3
BANA 4326	CAPSTONE FOR AI IN BUSINESS	3
Advanced Business Courses and Electives		
OPMA 4310	SUPPLY CHAIN ANALYTICS-THEORY AND PRACTICE	3
INSY 3300	INTRODUCTION TO PROGRAMMING (Must earn a B or better)	3
INSY 4307	CLOUD COMPUTING	3
BANA 4331	SEMINAR IN AI FOR BUSINESS	3
Select any 3000/4000 level Business courses excluding courses in Business Analytics.		6
Select any 3000/4000 level Business or non-Business course.		3
Total Hours		120

¹ Also satisfies Business Core requirement.

Suggested Course Sequence

First Year			
First Semester	Hours	Second Semester	Hours
Communications		3 Communications	3
MATH 1315		3 MATH 1316	3
U.S. History		3 U.S. History	3
ECON 2305		3 ECON 2306	3
MANA 1301		3 Creative Arts	3
UNIV 1131 (Freshmen Only)		1	
		16	15
Second Year			
First Semester	Hours	Second Semester	Hours
ACCT 2301		3 ACCT 2302	3
INSY 2303		3 BSTAT 2305	3
Government/Political Science		3 Government/Political Science	3
Life & Physical Science		3 Life & Physical Science	3
Language, Philosophy, & Culture		3 Elective (2 Hours for Freshmen/3 Hours for Transfers)	2
		15	14
Third Year			
First Semester	Hours	Second Semester	Hours
INSY 3300 (Must earn a B or better)		3 BANA 3308	3
BSTAT 3321 (Must earn a B or better)		3 BANA 3309	3
BLAW 3310		3 OPMA 3306	3
FINA 3313		3 BCOM 3360	3
MANA 3318		3 MARK 3321	3
		15	15
Fourth Year			
First Semester	Hours	Second Semester	Hours
BANA 4308		3 BANA 4331	3
BANA 4311		3 BANA 4326	3
INSY 4307		3 MANA 4322	3
Advanced Business Elective		3 OPMA 4310	3
Advanced Business Elective		3 Advanced Business or Non-Business Elective	3
		15	15
Total Hours: 120			

Advising Resources

Freshmen students will meet with advisors in the University Advising Center for at least one semester before transitioning to the College of Business.

Location:

College of Business, Suite 107

Email:

ugadvise@uta.edu

Phone:

817-272-3368

Web:

College of Business Undergraduate Advising (<https://www.uta.edu/academics/schools-colleges/business/undergraduate-advising/>)