

BUSINESS ANALYTICS

Bachelor of Science 2022-2023

The University of Texas at Arlington College of Business is accredited by AACSB International, true of only 5 percent of all business schools worldwide.



DEGREE REQUIREMENTS

General Education		Business Core		Advanced Bus Analytics and Electives	
ENGL 1301, 1302	6	MANA 1301 (BUSI 1301)	3	INSY 3300***	3
MATH 1315, 1316 (MATH 1324, 1325)	6	ACCT 2301, 2302	6	BANA 3308, 3309	6
Life/Physical Science (2 classes w/lab) (030) *	6	BSTAT 2305 (BUSI 2305)	3	BANA 4308	3
Language/Philosophy/Culture (040) *	3	ECON 2305, 2306 (ECON 2301, 2302)	**	BANA 4311	3
Creative Arts (050) *	3	INSY 2303 (BCIS 1305)	3	BANA 4326	3
HIST 1301, 1302	6	BCOM 3360	3	INSY 4325	3
POLS 2311, 2312 (GOVT 2305, 2306)	6	BLAW 3310	3	INSY 4331	3
Social/Behavioral Science (080)**	3	BSTAT 3321***	3	BSTAT 3322	3
Satisfied by ECON 2305 (ECON 2301)		FINA 3313	3	Advanced Business Electives (No BANA)	6
Foundational Component**	3	MANA 3318, 4322****	6	Non-Business/Adv Business Elective	3
Satisfied by ECON 2306 (ECON 2302)		MARK 3321	3	Total	36
UNIV 1131 (Freshman only) /Elective	3	OPMA 3306	3		
Total	45	Total	39	Total Credits for BS	120

() Texas Common Course Numbers - TCCN if different or Core Curriculum Code

* For a list of approved courses see "General Core Curriculum for a Bachelor's Degree" in the University Catalog <http://catalog.uta.edu/degreerequirements>

** ECON 2305 and ECON 2306 must be completed as part of the Field of Study in the Business Core. ECON 2305 satisfies Social/Behavioral Science. ECON 2306 satisfies Foundational Component.

*** Business Analytics majors must earn a B or better in BSTAT 3321 and INSY 3300.

**** MANA 4322 (Organizational Strategy) prerequisites include ACCT 2301 and 2302, BSTAT 3321, ECON 2305 and 2306, FINA 3313, MANA 3318, and MARK 3321

ACADEMIC OPTIONS

Fast Track Programs in Business

This program enables outstanding senior business students to satisfy degree requirements leading to a master's degree in business while completing their undergraduate program. Students are allowed to complete up to 9 hours of selected graduate coursework and may continue as a graduate student if Bs or better are earned. GMAT, application and related application fees are waived.

Graduate Degree Options	Master of Business Administration MS in Business Analytics MS in Economics MS in Human Resource Management MS in Information Systems MS in Quantitative Finance MS in Real Estate
Initial Consult with Undergrad Advisor	<ul style="list-style-type: none"> Should occur during the first semester of junior year (60 credit hours) A plan to complete Fast Track Foundation Courses for selected graduate option is generated GPA standards are assessed and performance targets formulated
Admission Guidelines	<ul style="list-style-type: none"> Completion of a minimum of 30 hours at UTA with a 3.3 GPA or better Completion of ALL required Fast Track Foundation Courses with a 3.5 or better and a B or better in each course 3.3 or better Overall GPA (at all institutions) 3.3 or better Business GPA at UTA
Fast Track Foundation Courses	Must complete these courses at UTA with a B or better and a 3.5 or better GPA. FINA 3313 BSTAT 3321 or 3322 Business Statistics I or II (whichever is taken first at UTA) 2 additional courses determined by graduate program selected
Graduate Enrollment	Six to nine hours of graduate coursework will be completed as an undergraduate and apply to both degree programs.

FOUR YEAR PLAN

FIRST YEAR

First Semester - 15/16 hours

ENGL 1301	Composition I
MATH 1315	College Algebra for Econ. & Bus. Analysis
HIST 1301	History of the US to 1865
ECON 2305	Principles of Macroeconomics
MANA 1301	Business in a Global Environment
UNIV 1131	Student Success (Freshman only)

Second Semester - 15 hours

ENGL 1302	Composition II
MATH 1316	Mathematics for Econ. & Bus. Analysis
HIST 1302	History of the US 1865 to Present
ECON 2306	Principles of Microeconomics
Creative Arts (3 hours)	

SECOND YEAR

First Semester - 15 hours

ACCT 2301	Principles of Accounting I
INSY 2303	Introduction to MIS & Data Processing
POLS 2311	Government of the US
Life & Physical Science (3 hours with lab)	
Language, Philosophy, Culture (3 hours)	

Second Semester - 14/15 hours

ACCT 2302	Principles of Accounting II
BSTAT 2305	Introductory Statistics for Business Analytics
POLS 2312	State & Local Government
Life & Physical Science (3 hours with lab)	
Elective (2 hours for Freshman/3 hours for Transfers)	

THIRD YEAR

First Semester - 15 hours

INSY 3300**	Introduction to Programming
BSTAT 3321**	Interm Stat for Business Analytics (take summer before)
BLAW 3310	Legal & Ethical Environment of Business
FINA 3313	Business Finance
MANA 3318	Managing Organizational Behavior

Second Semester - 15 hours

BANA 3308	Introduction to Business Analytics
BANA 3309	Data Visualization and Business Intelligence
BSTAT 3322	Adv Statistics for Business Analytics
BCOM 3360	Effective Business Communication
MARK 3321	Principles of Marketing

FOURTH YEAR

First Semester - 15 hours

BANA 4308	Advanced Data Science
BANA 4311	Ethical and Social Issues in Data Science
INSY 4331	Seminar in Information Systems
Advanced Business Elective (3 hours)	
Advanced Business Elective (3 hours)	

Second Semester - 15 hours

INSY 4325	Enterprise Systems Management
BANA 4326	Capstone in Business Analytics
MANA 4322	Strategic Management
OPMA 3306	Operations Management
Non-Business/Advanced Business Elective (3 hours)	

This timeline is a recommendation, strategically developed for students' success, based on proper positioning of prerequisites and a balanced course load targeting a timely four year graduation.

An alternate plan would include 12 hours each long semester and 6 hours during the summer for a total of 30 completed hours per academic year.

*Per University requirements, all freshman must complete a Student Success course during the first semester of enrollment.

** Business Analytics majors must earn a B or better in BSTAT 3321 and INSY 3300.

MAJOR COURSE FLOW

F - Fall Class (typically)
S - Spring Class (typically)

