BUSINESS ANALYTICS
Bachelor of Science
2025-2026

DEGREE REQUIREMENTS

General Education		Business Core		Advanced Bus Analytics & 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	BANA 4331	3
POLS 2311, 2312 (GOVT 2305, 2306)	6	BLAW 3310	3	INSY 4325	3
Social/Behavioral Science (080)**	3	BSTAT 3321***	3	OPMA 4310	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(No BANA)	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, MARK 3321, and a declared business major

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. Consult with your advisor regarding fit in your undergraduate program.

Graduate Degree Options	Master of Business Administration MS in Information Systems MS in Business Analytics MS in Marketing Research MS in Economic Data Analytics MS in Quantitative Finance MS in Human Resource Management MS in Real Estate
Initial Consult with Undergrad Advisor	• 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 accessed and performance targets formulated
Admission Guidelines	• 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.
	    ECON 3310 or 3312 (whichever is taken first at UTA)
	    BSTAT 3321 Business Statistics I
	    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.

UTA College of Business

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FOUR YEAR PLAN

FIRST YEAR

First Semester - 15/16 hours		*Second Semester - 15 hours*	
ENGL 1301	Composition I	ENGL 1302	Composition II
MATH 1315	College Algebra for Econ. & Bus. Analysis	MATH 1316	Mathematics for Econ. & Bus. Analysis
HIST 1301	History of the US to 1865	HIST 1302	History of the US 1865 to Present
ECON 2305	Principles of Macroeconomics	ECON 2306	Principles of Microeconomics
MANA 1301	Business in a Global Environment	Creative Arts (3 hours)	
UNIV 1131	Student Success (Freshman only)		

SECOND YEAR

First Semester - 15 hours		*Second Semester - 14/15 hours*	
ACCT 2301	Principles of Accounting I	ACCT 2302	Principles of Accounting II
INSY 2303	Introduction to MIS & Data Processing	BSTAT 2305	Introductory Statistics for Business Analytics
POLS 2311	Government of the US	POLS 2312	State & Local Government
Life & Physical Science (3 hours with lab)		Life & Physical Science (3 hours with lab)	
Language, Philosophy, Culture (3 hours)		Elective (2 hours for Freshman/3 hours for Transfers)	

THIRD YEAR

First Semester - 15 hours		*Second Semester - 15 hours*	
INSY 3300**	Introduction to Programming	BANA 3308	Introduction to Business Analytics
BSTAT 3321**	Interm Stat for Business Analytics (take summer before)	BANA 3309	Data Visualization and Business Intelligence
BLAW 3310	Legal & Ethical Environment of Business	BCOM 3360	Effective Business Communication
FINA 3313	Business Finance	MARK 3321	Principles of Marketing
MANA 3318	Managing Organizational Behavior	OPMA 3306	Operations Management

FOURTH YEAR

First Semester - 15 hours		*Second Semester - 15 hours*	
BANA 4308	Advanced Data Science	INSY 4325	Enterprise Systems Management
BANA 4311	Ethical and Social Issues in Data Science	BANA 4326	Capstone in Business Analytics
BANA 4331	Seminar in Business Analytics	MANA 4322	Strategic Management
Advanced Business Elective (3 hours)		OPMA 4310	Supply Chain Analytics-Theory and Practice
Advanced Business Elective (3 hours)		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

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

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

Required Courses

Information Systems Electives

INSY 2303 Intro to MIS

INSY 3330 Intro to E-Commerce

INSY 3303 Networks and Distributed Computing

INSY 3300** Introduction to Programming (Python)

INSY 4307**F** - Cloud Computing
INSY 4315- Adv Web Development

INSY 4312 Introduction to Cybersecurity

BSTAT 2305 Intro Statistics for Business Analytics

BSTAT 3321** Intermediate Stat for Business Analytics

B or better required

B or better required

OPMA 3306 Operations Management

BANA 3308 Introduction to Business Analytics

BANA 3309 Data Visualization & Business Intelligence

INSY 3304 Database Management Systems

INSY 4305 Advanced Application Development

OPMA 4310 Supply Chain Analytics

BANA 4311 Ethical & Social Issues in Data Science

BANA 4308 Advanced Data Science

INSY 3305 INSY Analysis and Design

May be concurrent with INSY 3305 only

60 hours and Department Consent

BANA 4331 Seminar in Business Analytics

BANA 4308 **OR** INSY 3305

BANA 4326 Capstone in Business Analytics

INSY 4325 Enterprise Systems Mgt (take last semester)

May be concurrent with INSY 4306 only

INSY 4306 Advanced System Design

INSY 4305 and 3305, ONLY 3305 may be taken concurrently.

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