

# Master of Business Administration in Technology Management and Innovation

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## About This Program

The Master of Business Administration in Technology and Innovation (STEM MBA) is designed to meet the needs of students with a technical background who are interested in pursuing analytical and leadership roles in knowledge-based occupations. The analytical curriculum focuses on data-driven decision making and the application of statistical modeling, information technology management, and data analysis techniques. A core of essential cross-functional courses provides future leaders with managerial, communications, and analytical skills to advance career growth.

## Competencies

1. Upon completion, students will be able to apply data science techniques to evaluate and model financial data.
2. Upon completion, students will gain an understanding of financial statements and their underlying measurement.
3. Upon completion, students will be able to apply analytical approaches to increase customer profitability based on insights gained from customer data.
4. Upon completion, students will be able to employ quantitative problem-solving techniques to evaluate new business opportunities.
5. Upon completion, students will be able to apply statistical analysis to formulate and implement corporate and business level strategies.
6. Upon completion, students will be able to apply project management skills to manage large technology problems.
7. Upon completion, students will be able to apply web and social analytic tools to improve business profitability.
8. Upon completion, students will be able to apply management information technologies to transform business processes and drive innovation.
9. Upon completion, students will be able to employ team-based work systems and business analytics to lead high performing organizations.

## Admissions Criteria

The STEM MBA Graduate Studies Committee has three alternative sets of conditions that allow applicants to be admitted without review by the STEM MBA Admissions Committee. The STEM MBA Graduate Advisor reviews all applications and determines if they qualify for admission under one of these three sets of criteria. Applicants who do not satisfy the conditions for admission are referred to the STEM MBA Admissions Committee for consideration.

Admission to the STEM MBA program is based upon an acceptable score on the Graduate Management Admission Test (GMAT) or Graduate Record Examination (GRE) and the record of one's undergraduate academic performance (typically the last 60 hours of the GPA is used as calculated by Graduate Admissions).

A GMAT or GRE score is not the sole criterion for determining admission to the MBA program. An applicant can also be admitted to the program on probation with a GPA of 3.0 and passing scores of 85 percent or greater on three business subject area exams taken through a College of Business approved vendor. A graduate grade point average is used when it is 3.0 or above and is based on at least 24 semester hours. An applicant whose native language is not English must demonstrate a sufficient level of skill with the English language to assure success in graduate studies as defined in the TOEFL and IELTS Test Score Minimums section under Admissions Requirements and Procedures in the Graduate Catalog.

To apply please visit: <https://www.uta.edu/admissions/apply> (<https://nam12.safelinks.protection.outlook.com/?url=https%3A%2F%2Fwww.uta.edu%2Fadmissions%2Fapply&data=05%7C02%7Cmark.cooper%40uta.edu%7C1f0b73e95fba49b9a17f08dd08c474eb%7C5cdc5b43d7be4caa8173729e3b0a62d9%7C0%7C0%7C638676362161489760%7CUnknown%7CTWFPbGZsb3d8eyJFbXB0eU1hcGkiOnRydWUsIlYiOiIwLjAuMDAwMCIslIAiOiJXaW4zMilslkFOLjoiTWFPbCIslldUljoyfQ%3D%3D%7C0%7C%7C%7C&sdata=sU3EZ%2B4AqG3BMMtxw%2FfrdRAFPf0OTQOTJZGvPN%2BNNQI%3D&reserved=0>)

## UNCONDITIONAL ADMISSION WITHOUT COMMITTEE REVIEW

Applicants qualify for unconditional admission without the need for review by the STEM MBA Admissions Committee if they have a bachelor's degree (with a GPA of 3.0 or better) and take the GMAT scoring at least 500 with a 30th percentile or higher in the verbal and quantitative areas. The GRE is accepted but the GMAT is preferred.

## UNCONDITIONAL ADMISSION WITHOUT COMMITTEE REVIEW (GMAT/GRE WAIVER)

A waiver of the GMAT/GRE and unconditional admission will be considered for applicants who meet one of the following conditions:

- Have earned a 3.5 GPA (or higher) in two calculations (cumulative and last 60 hours) with an earned undergraduate degree from an AACSB (or EQUIS/AMBA) accredited school no more than seven academic years prior to the semester for which admission to the STEM MBA is sought.
- An earned graduate degree or a graduate certificate (at least 9 credit hours) from a professionally and/or regionally accredited school with a 3.0 GPA (or higher) for all graduate coursework. Probationary Admission.
- Applicants with a bachelor's degree and a GPA of 3.0 or better who choose not to take the GMAT can be admitted to the STEM MBA program on probation after earning passing scores of 85 percent or greater on three exams in Business Statistics (BSTAT), Economics (ECON), and

Management (MANA) taken through a College of Business approved vendor. Modules are available in these areas for exam preparation. Retaking exams is permissible however successful completion of exams is required prior to admission. Upon successful completion of all three exams, the applicant will be admitted on a probationary basis to the MBA program.

## PROBATIONARY ADMISSION

Applicants with a bachelor's degree and a GPA less than 3.0 may be admitted to the MBA program on probation by taking the GMAT or GRE and meeting minimum score requirements (as stated above). If GMAT/GRE minimum scores and at least 3.0 GPA are not met, the MBA Admissions Committee will review for admission decision. Applicants admitted on a probationary basis must complete the first two semesters of the MBA program with a cumulative GPA of 3.0 or better to gain unconditional admission.

## DENIAL OF ADMISSION

All applicant data will be carefully reviewed before an admission denial is made. The decision to defer/deny admission is not based on any single criterion.

## Curriculum

### Foundations

ACCT 5307	MEASUREMENT AND ANALYSIS FOR BUSINESS DECISION-MAKING	3
ECON 5313	DECISIONS AND STRATEGY	3
FINA 5311	BUSINESS FINANCIAL MANAGEMENT	3
MANA 5360	LEADERSHIP AND TEAMS	3
MARK 5337	MARKETING ANALYTICS AND INFORMATION MANAGEMENT	3
or MARK 5328	PRODUCT MANAGEMENT	
OPMA 5361	OPERATIONS MANAGEMENT	3
or BSTAT 5325	ADVANCED METHODS FOR ANALYTICS	
or INSY 5303	MANAGEMENT OF INFORMATION TECHNOLOGIES	
or ECON 5336	APPLIED BUSINESS AND ECONOMICS DATA ANALYSIS I	
MANA 5336	STRATEGIC MANAGEMENT	3

### Electives

Select five from the following:		15
INSY 5339	PRINCIPLES OF BUSINESS DATA MINING	
INSY 5348	AI AND ANALYTICS FOR MANAGERS	
INSY 5373	INFORMATION SYSTEMS PROJECT MANAGEMENT	
INSY 5343	DATA COMMUNICATIONS AND NETWORKING	
INSY 5347	PRINCIPLES OF CYBER SECURITY	
INSY 5357	ENTERPRISE RESOURCE PLANNING	
INSY 5377	WEB AND SOCIAL ANALYTICS	
ECON 5337	BUSINESS & ECONOMIC FORECASTING	
ECON 5339	APPLIED BUSINESS AND ECONOMICS DATA ANALYSIS II	
FINA 5376	FINANCIAL DATA ANALYTICS	
MANA 5329	HR METRICS AND ANALYTICS	

**Total Hours**

**36**

## Program Completion

The STEM MBA program follows the grade requirements for probation as specified under the general regulations of the Catalog. In addition, students must have at least a 3.0 grade point average in all coursework to graduate.

## Advising Resources

Graduate program information, anticipated course offerings, student forms, and advisor contact information are available through the Office of Graduate Business Services.

### Location:

College of Business Building, Suite 107

**Email:**

gradbiz@uta.edu

**Phone:**

817-272-3004

**Web:**

Graduate Business Advising Resources (<https://www.uta.edu/academics/schools-colleges/business/graduate-business-services/>)