

Management & Administrative Sciences Master of Science

General Information

Do you want to acquire highly marketable technical expertise in just 24 months?

The M.S. in Management and Administrative Sciences degree may fit your needs. This degree program has:

- A focused set of required management courses that form a foundation for all students
- Flexibility in choosing your elective courses from a variety of concentrations
- Convenient class scheduling, including online classes
- High value for the money; similar programs charge higher tuition

The M.S. in Management and Administrative Sciences degree is a flexible degree that allows students to design a program of study that fits their specific needs. Students complete a 36-hour program, including 10 hours of basic core courses, and 26 credit hours of graduate level electives. Students must maintain a 3.0 grade point average in both core courses and in aggregate courses to qualify for the M.S. degree.

Unlike most of the M.S. degree programs, which have specific elective requirements, students in the MS-MAS degree program choose their own course of study, pulling courses from the School of Management graduate catalog to satisfy elective requirements. The goal of the program is to help students acquire principles and techniques needed to develop creative solutions in a changing business environment, and contribute quickly to company success within their area of specialization

Waivers and Transfers of Credit

Waivers of program requirements may be granted in recognition of previous coursework completed with a grade of B or better within the past six years in a specific business program area. Waivers are approved by the appropriate Program Director through a process which allows a student to skip a core course and take the next higher level of course in the same academic area with no reduction in the overall program hour requirements.

Transfer credits may be granted for equivalent graduate course work taken at other universities with a grade of B or better within the past six years. Up to 9 hours of course work from other universities may be waived from or transferred to the MS-MAS program. Consult the UTD Graduate Catalog for further details.

Applications for approval of waivers and transfers may be obtained in and submitted to the School of Management Advising Office.

Prerequisites

Prerequisite knowledge in calculus is a requirement for the program. A deficiency in calculus may be remedied by taking MATH 5304 (Applied Mathematical Analysis for Non Majors I), or MATH 1325 (with a grade of "B" or better). Deficiencies must be remedied within the first 12 hours of graduate work. Degree credit is not earned for program prerequisites.

Basic Business Core

Students enrolling in the Master of Science in Management & Administrative Sciences with a concentration in Organizations and Strategy must complete the following Basic Business Core. Please see the catalog for prerequisite information.

AIM 6201	Financial Accounting
MECO 6303	Business Economics (prerequisite: MATH 5304 or Math 1325)
MIS 6204	IT and MIS Fundamentals
OPRE 6301	Quantitative Methods for Business Decision Making

Elective Courses: (26 credit hours)

A student's course of study beyond the core can be determined in consultation with faculty members, area coordinators, or the Advising Office. A student can continue to generalize in management courses or choose to concentrate in a given subject.

Concentrations - Students may choose to concentrate in one of the areas listed below that have historically been offered as defined specialties in the masters programs. Concentrations are informal collections of electives that address a student's educational goals. A concentration may be aligned with functional area specialties, or may cut across functional areas. Typical concentrations have a minimum of 15 credit hours in a given area, and include:

- **Accounting:** In today's global and technology-driven environment, managers need skills to effectively analyze accounting information and make value-enhancing decisions. Students may select accounting and information management (AIM) courses to concentrate in financial analysis, consulting, corporate governance and tax management.
- **Electronic Commerce:** Every organization will increasingly use the Internet as an integral component of their overall strategy in coming years. Students can select courses to provide a solid understanding of issues pertaining to the use of the internet as a marketing tool – focusing on both strategic and technological aspects. This includes topics such as database management systems, web design and development, and Internet business models. The Advising Office can provide a plan of study that covers topics in this area.
- **Finance:** Students can prepare for careers in corporate finance, investment management, or the management of financial institutions. Courses in this area emphasize creative solutions to business financing problems, the development of value maximizing investment and financing strategies, and the analysis and management of fixed income and equity investments. Students may choose to concentrate in either corporate financial planning or the analysis of financial securities and investment portfolios.
- **Healthcare Management:** The primary goal of this concentration is to prepare students for leadership positions in healthcare organizations. The healthcare concentration is cross-functional and industry focused. Courses will contain cases, projects, and assignments that are centered around applying management skills to healthcare issues and organizations. Classes are taught by School of Management faculty and healthcare executives who bring special expertise and experience to the program.
- **Information Systems:** Information Technology permeates all aspects of modern business and our courses will enable you to make the most of information technology to solve business problems and gain strategic advantage. We also provide advanced courses for students who wish to be on the "supply" side of information technology in the areas of IT consulting, software management, and e-business.
- **Innovation and Entrepreneurship:** Focused on the processes of technological innovation in both large and small organizations, a set of multidisciplinary courses prepares students for successful careers either as principals or key functional managers in emerging growth firms, or as leaders of technological innovation in established firms.
- **International Management:** In this concentration, students can take a multi-disciplinary approach to the study of international management, with courses in finance, marketing, strategic management, and the legal and cross-cultural differences that effect business. This course of study will prepare students for careers in international industries.
- **Leadership in Organizations:** The leadership concentration prepares students for upper management positions through the study of the psychological, sociological, and organizational behavior disciplines. The program provides a foundation of leadership theory, building and problem solving in interpersonal work relationships, group dynamics, organizational decision making and change, and ethics.
- **Marketing:** Students learn to understand customers' needs and purchase behaviors, how to satisfy those needs, and how to make a profit in competitive industries and markets. Topics include: developing an effective marketing strategy, developing new products, and managing different brands and product categories. Students can also acquire expertise in pricing, advertising and promotions, market research, and retailing strategies. Courses are also available on the Internet's effect on marketing and business.
- **Operations:** Firms can use effective and innovative operations to create and sustain competitive advantages. Students in these courses gain a deep, analytical understanding of how challenges posed by fast developing business environments can become profit-making opportunities. Integration of various parties (suppliers, factories, stores) and various functional areas (marketing, finance, procurement) is an important theme. In particular, incentives, contracts and information technologies fostering collaboration among financially independent parties are emphasized.
- **Organizations:** This concentration emphasizes organizational behavior and theory, and human resources management. Students learn how to effectively integrate and leverage human resources to create sustainable advantages in a competitive marketplace. Courses chosen in this area integrate a wide variety of disciplines, including economics, organization theory, finance, psychology, and sociology.
- **Strategy:** This concentration focuses on corporate level strategic management, including: implementation of strategic designs; top management team leadership; the strategic implications of the social, governmental, technological, and international environments; organization structuring; and strategic alliances. Students will learn how to integrate accounting, finance, economics, and organization theory to create sustainable competitive advantage.