

ADMINISTRATION

Degree: Master of Science in Administration
 College: COPS Dean's Office
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 College: Professional Studies

The Master's of Science in Administration is an interdisciplinary degree designed to prepare students for leadership roles as managers and administrators in public, nonprofit, and private agencies. The business core prepares students to assume positions in general settings while the chosen specialization prepares them for management and administration in a specific field. There are nine specializations that students may choose: Acquisition and Contract Administration, Biomedical/Pharmaceutical, Database Administration, Health Care Administration, Human Performance Technology, Leadership, Nursing Administration, Public Administration, and Software Engineering Administration. In addition to general University requirements, students seeking the M.S.A. must meet the requirements listed below. Course descriptions are listed alphabetically by prefix in the end of this *Catalog*.

PROGRAM REQUIREMENTS

All specializations in the M.S.A. have a common core. No more than 49% of the program requirements for the M.S.A. degree may be taken in traditional business subjects.

MSA Core (12 sh)

EME	6358	Evaluation for MSA Professionals	1.5
GEB	5870	MBA Foundations: e-Business Systems	1.5
GEB	5871	MBA Foundations: Managerial Economics.....	1.5
GEB	5872	MBA Foundations: Financial Management I.....	1.5
GEB	5875	MBA Foundations: Management Skills and Applications.....	1.5
GEB	5876	MBA Foundations: Marketing Management	1.5
MAN	6156	Management and Organizational Behavior.....	3

See individual specialization for additional requirements.

ACQUISITION AND CONTRACT ADMINISTRATION SPECIALIZATION

ADMISSION REQUIREMENTS

General university requirements for admission to graduate programs are described in the Graduate Admissions section. Graduate departments are currently developing departmental admission guidelines to govern admission to their specific disciplines. Refer to individual departments for more details regarding acceptable graduate admissions test, minimum score requirements, etc. In addition to the general university requirements this department requires the applicant to submit a letter of intent.

MSA Core (12 sh)

See program requirements.

Acquisition and Contract Administration Specialization (21 sh)

PAD	5635	Government Contract Law.....	3
PAD	5855	Acquisition Administration.....	3
PAD	5862	Government Cost and Pricing Analysis.....	3
PAD	6227	Public Budgeting	3
PAD	6275	Political Economy of Public Administration.....	3
		6000 level advisor approved Advanced Contract Administration Elective	3

Choose one:

PAD	6946	Acquisition Administration Internship	3
		6000 level advisor approved Public Administration (PAD) elective.....	3

BIOMEDICAL/PHARMACEUTICAL SPECIALIZATION

Completion of the Human Genome Project and advances in biomedicine fueled by molecular biology and developments in software, along with the miniaturization and increased capabilities of computer hardware, have created explosive growth in employment opportunities in the biomedical and pharmaceutical industries at the administrative level. A solid lineup of business courses in the MSA core provide students with a strong background in business which dovetails with the courses in the Biomedical/Pharmaceutical Specialization to prepare students for employment on the administrative side of the biomedical/pharmaceutical industries. Students in this specialization focus on IT applications in the biomedical/pharmaceutical sciences; ethical issues in biomedical/pharmaceutical sciences; the latest advances in biomedicine; and development, manufacturing, and testing of pharmaceuticals. A capstone course and a capstone experience provide students with hands-on experience in the industry of their choice and exposure to key elements in the targeted professional environments, including interpretation, organization, and publication of research data; scientific patents; research project development, presentation, and funding; and locating and securing positions in the industry of choice. Students completing this specialization will be qualified to interview for positions with a wide variety of companies specializing in biotechnology, biomedicine, medical and scientific equipment, and pharmaceuticals.

ADMISSION REQUIREMENTS

General university requirements for admission to graduate programs are described in the Graduate Admissions section. Graduate departments are currently developing departmental admission guidelines to govern admission to their specific disciplines. Refer to individual departments for more details regarding acceptable graduate admissions test, minimum score requirements, etc. In addition to the general university requirements this department requires the applicant to submit a letter of intent and three letters of professional reference.

MSA Core (12 sh)

See program requirements.

Biomedical/Pharmaceutical Specialization (21 sh)

Biomedical/Pharmaceutical Specialization (21 sh)

BSC	5459	Introduction to Bioinformatics.....	3
BSC	6415	Pharmaceuticals: Development, Manufacturing and Testing	3
BSC	6841	Advances in Biomedical Sciences	3
BSC	6941	Internship in Biomedical/Pharmaceutical Industry.....	6
HSC	5655	Theoretical Foundations of Health Care Ethics	3
HSC	6000	Professional Development in Biomedical/ Pharmaceutical Sciences.....	3

CRIMINAL JUSTICE BA - MSA FAST TRACK

The MSA with specialization in Criminal Justice is an interdisciplinary degree offered entirely online and is designed to prepare students for leadership roles in public, nonprofit and private organizations in the field of juvenile and criminal justice. Coursework also prepares students for admission to doctoral programs and professional schools.

ADMISSION REQUIREMENTS

Students admitted to the fast-track Bachelor-MSA program in Criminal Justice or Legal Studies will be required to complete the specified bachelors program in either Criminal Justice or Legal Studies with the exception of 9 sh of major related courses. For students who successfully complete the requirements specified for the MSA/CJ Specialization, 9 sh of the MSA will be applied also to meet the major related requirements of the undergraduate degree. Students who do not successfully complete the requirements specified for the MSA /CJ Specialization will be required to complete 9 sh of major related courses to earn the bachelors degree.

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DATABASE ADMINISTRATION

The MSA with specialization in Database Administration is an interdisciplinary degree designed to prepare students for leadership roles in database fields in public, nonprofit, and private organizations. Coursework also prepares students for admission to doctoral programs and professional schools.

ADMISSION REQUIREMENTS

General university requirements for admission to graduate programs are described in the Graduate Admissions section. Graduate departments are currently developing

departmental admission guidelines to govern admission to their specific disciplines. Refer to individual departments for more details regarding acceptable graduate admissions test, minimum score requirements, etc. In addition to the general university requirements this department requires the applicant to submit a letter of intent and three letters of professional reference including one from an employer and one from a former college professor.

MSA Core (12 sh)

See program requirements.

Database Administration Specialization (21 sh)

CAP	5771	Data Mining	3
COP	5725	Database Systems	3
COP	5775	Database Administration	3
COP	6727	Advanced Database Systems	3
EME	6357	Tools for HPT Evaluation.....	1.5
EME	6936	Seminar in HPT Issues: Human-Computer Interaction	1.5
EME	6946	Field Experiences in Instructional and Performance Technology	3

Choose one:

EME	6429	Human Performance Improvement.....	3
PAD	6417	Public Service Human Resource Management	3

HEALTHCARE ADMINISTRATION SPECIALIZATION

ADMISSION REQUIREMENTS

General university requirements for admission to graduate programs are described in the Graduate Admissions section. Graduate departments are currently developing departmental admission guidelines to govern admission to their specific disciplines. Refer to individual departments for more details regarding acceptable graduate admissions test, minimum score requirements, etc. In addition to the general university requirements this department requires the applicant to submit a letter of intent and three letters of professional reference.

MSA Core (12 sh)

See program requirements.

Health Care Administration Specialization (21 sh)

PAD	6227	Public Budgeting	3
PAD	6417	Human Resources Management for Public Organizations	3
PUP	5045	Analytic Techniques for Public Policy Analysis.....	3

Choose four (including at least two at the 6000 level):

HSA	6106	Critical Analysis of Health.....	3
HSC	5135	Health Guidance	3
HSC	5506	Advanced Epidemiology.....	3
HSC	6206	Community Health Delivery Systems.....	3
HSC	6666	Health Education and Interactive Technology	3
HSC	6667	Social Marketing of Health Education	3

PAD 6275	Political Economy of Public Administration.....	3
5000/6000 level	Health Science (HSC) elective.....	3

HUMAN PERFORMANCE TECHNOLOGY SPECIALIZATION

This online specialization combines a business perspective with HPT theories and perspectives. It is designed to help individuals develop proficiencies in resolving performance problems in military, business and industry, and educational systems. Graduates of the program work in a variety of settings, partnering with management to achieve optimal employee performance. They often serve as performance consultants in human resource and training departments with a human performance improvement focus. Graduates of this program are trained to:

- Lead and manage HPT initiatives and processes in a variety of environments, working effectively with others to accomplish organizational goals
- Analyze complex, real-world individual and organizational goals
- Design, develop, implement, and evaluate interventions in a wide variety of settings
- Organize, manage, and evaluate business environments

ADMISSION REQUIREMENTS

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MSA Core (12 sh)

See program requirements.

HPT Specialization (21 sh)

EME 5355	Instructional Design for HPT.....	1.5
EME 6356	Performance Analysis for HPT Environments.....	1.5
EME 6357	Tools for HPT Evaluation.....	1.5
EME 6426	HPT Interventions.....	3
EME 6427	Implementing HPT Interventions.....	3
EME 6428	Evaluating HPT Interventions.....	3
EME 6429	Human Performance Improvement.....	3
EME 6936	Seminar in HPT Issues: Human-Computer Interaction.....	1.5

Choose one:

*EDF 6404	Educational Statistics I.....	3
*EDF 6481	Educational Research.....	3
EME 6408	Integrated Technology Learning Environments.....	3
EME 6414C	Web-Based Instructional Tools for Educators.....	3
EME 6425	Electronic Performance	

EME 6628	Support System (EPSS).....	3
	Contract Administration: Large Scale Instructional Technology Systems.....	3

EME 6946	Field Experiences in Instructional and Performance Technology.....	3
	Course offered 3-6 sh per semester	

** Strongly recommended as additional courses for students who plan to pursue a specialist or doctoral degree.*

Additionally, a culminating experience as determined with academic advisor and chairperson is required.

LEADERSHIP SPECIALIZATION

ADMISSION REQUIREMENTS

General university requirements for admission to graduate programs are described in the Graduate Admissions section. Graduate departments are currently developing departmental admission guidelines to govern admission to their specific disciplines. Refer to individual departments for more details regarding acceptable graduate admissions test, minimum score requirements, etc. In addition to the general university requirements this department requires the applicant to submit a letter of intent and a list of three professional references.

Leadership Specialization Courses (21 sh)

EDG 6915	Action Research for Leaders.....	3
EME 6314	Technology for Leaders.....	3
PAD 5434	Leadership.....	3
PAD 6425	Public Service Conflict Management and Resolution.....	3
PAD 6137	Project Leadership and Administration.....	3

Choose two:

PAD 5386	Leadership, Community, and Change.....	3
PAD 5107	Modern Public Organization Theory.....	3
PAD 5605	Administrative Law.....	3
PAD 6335	Strategic Management for Public and Nonprofit Organizations.....	3

Advisor approved courses..... 3-6

NURSING ADMINISTRATION SPECIALIZATION

The Nursing Administration specialization in the MSA is designed to provide BSN-prepared nurses with a strong background in business provided by the MSA core. The lineup of courses in the specialization focuses on development of skills and knowledge in nursing administration and related topics in health care. The latter includes Nursing Management of Human and Financial Resources, Health Economics (Business), Health Care Marketing (Business), Nursing Leadership Development, Nursing Care Planning and Management, and Nursing Administration Role Practicum. This specialization will help address the critical need for nurses qualified to work on the administrative side of health care as directors of nursing and other administrative roles requiring a solid background in the clinical sciences and a solid skill-set in business. Students wishing to earn a MSN and a MSA in Nursing Administration must complete the core courses in both the MSN and the MSA before completing the MSN Nursing Administration Specialty courses. Both degrees will be conferred upon completion of all requirements.

ADMISSION REQUIREMENTS

General university requirements for admission to graduate programs are described in the Graduate Admissions section. Graduate departments are currently developing departmental admission guidelines to govern admission to their specific disciplines. Refer to individual departments for more details regarding acceptable graduate admissions test, minimum score requirements, etc. In addition to the general university requirements this department requires the applicant to have earned a Bachelor of Science in Nursing degree.

MSA Core (12 sh)

See program requirements.

Nursing Administration Specialization (21 sh)

HAS	5161	Marketing for Nursing Administration	3
HSA	5436	Health Economics.....	3
NGR	6833L	Nursing Administration Role Practicum.....	6
(taken two times for a total of 6 sh)			
NGR	6722	Nursing Management of Human & Financial Resources	3
NGR	6723	Nursing Leadership Development.....	3
NGR	6724	Health Care Planning and Management in Nursing.....	3

PUBLIC ADMINISTRATION SPECIALIZATION

The Public Administration Specialization is designed to provide students with the knowledge and skills to effectively manage agencies and people in public and nonprofit organizations.

ADMISSION REQUIREMENTS

General university requirements for admission to graduate programs are described in the Graduate Admissions section. Graduate departments are currently developing departmental admission guidelines to govern admission to their specific disciplines. Refer to individual departments for more details regarding acceptable graduate admissions test, minimum score requirements, etc. In addition to the general university requirements this department requires the applicant to submit a letter of intent.

MSA Core (12 sh)

See program requirements.

Public Administration Specialization (21 sh)

PAD	5107	Modern Organizational Theory	3
PAD	5605	Administrative Law	3
PAD	6227	Public Budgeting.....	3
PAD	6275	Political Economy of Public Administration...	3
PAD	6417	Human Resources Management for Public Organizations.....	3

Choose two:

PAD	5434	Leadership	3
PAD	5635	Government Contract Law	3
PAD	5855	Acquisition Administration.....	3
PAD	6041	Public Administration Ethics.....	3
PAD	6053	The Public Administration Professional.....	3
PAD	6425	Conflict Management and Resolution in Public & Nonprofit Organizations	3

PAD	6706	Public Administration Research Methods	3
PUP	55045	Analytic Techniques for Public Policy Analysis.....	3

SOFTWARE ENGINEERING ADMINISTRATION SPECIALIZATION

The MSA with specialization in Software Engineering Administration is an interdisciplinary degree offered entirely online and is designed to prepare students for leadership roles in organizations of diverse domains that develop and maintain software systems for research, commercial, and internal use. Coursework also prepares students for admission to doctoral programs and professional schools.

ADMISSION REQUIREMENTS

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MSA Core (12 sh)

See program requirements.

Software Engineering Administration Specialization (21 sh)

CEN	6016	Software Engineering Process	4
CEN	6095	Software Engineering Practice and Tools.....	4
COT	5930	Computer Science and Software Engineering Seminar.....	3
COP	5725	Database System.....	3
COT	6931	Computer Science Project.....	6
GEB	5879	MBA Foundations: Business Analysis.....	1

students for admission to doctoral programs and professional schools.

The Software Engineering Administration specialization requires an undergraduate or graduate degree from an accredited institution in a computing related field, submission of your college transcript and scores on the GRE prior to admission, a letter of intent, and three letters of reference including one from an employer and one from a former college professor.

MSA Core (12 sh)

See program requirements.

Software Engineering Administration Specialization (21 sh)

CEN	6016	Software Engineering Process	4
CEN	6095	Software Engineering Practice and Tools.....	4
CEN	6930	Advanced Topics in Computer Software and Engineering.....	3
COP	5725	Database System.....	3
COT	6931	Computer Science Project.....	6
GEB	5879	MBA Foundations: Business Analysis	1