

MASTER'S OF SCIENCE IN ADMINISTRATION

Database Administration Specialization

Mission Statement

The Departments participating in the MSA program ensure that graduates, in their full diversity, achieve mastery of the skill sets that will enable them not only to perform the professional work tasks in their respective fields competently but also to assume roles as strategic team members who can apply innovative planning and problem solving to further the goals of their organizations.

Student Learning Outcomes

Students with a MSA in Database Administration should be able to do the following:

Content

- Successfully design, implement, and administer databases.
- Apply concepts of client/server database technologies.
- Apply database skills to specific problem domains (e.g. organizational databases, medical field, etc.).
- Identify and describe tools to work with very large databases.

Critical Thinking

- Employ a variety of database tools and techniques to analyze and re-engineer database systems in organizations.
- Evaluate and use tools to work with very large databases.

Communication

- Produce effective and professional technical written communications.
- Communicate pertinent issues of databases through a variety of media, both oral and written, and use appropriate technologies to produce communications.

Integrity/Ethics/Characteristics

- Describe professional, legal, and ethical issues and principles in the conceptualization, creation, and maintenance of database systems.

Project Management

- Conceive, plan, and implement a significant database.
- Collaborate with team members and defend outcomes at the end of the project timeline.

Assessment of Student Learning Outcomes

Students demonstrate knowledge, skills, and abilities throughout their academic preparation, culminating in a variety of capstone experiences where they synthesize program learning outcomes to showcase their experiences and knowledge. Students plan capstone experiences with advice, support and direction from their academic advisor. Each specialization includes a capstone experience that might include a showcase, research project, policy review, field experience, internship, or other like experience.

Job Prospects for MSA in Database Administration Graduates

Database Administrator
Database Manager
Database Developer
Applications Developer

Applications Administrator
Project Manager
Data Communications Analyst
Research Analyst

Find out more about MSA in Database Administration at UWF:

<http://uwf.edu/msaprogram/msa-db.cfm>