Career Opportunities for MSIS Graduates
Information Systems/Technology Management
Project Management
Consulting and Systems Integration
Software Development
Networking, Telecommunications, and Computing Infrastructure
Electronic Commerce/Web-Oriented Business Solutions

Admission Requirements
Minimum requirements for admission include:
A Bachelor’s degree from an accredited college or university.
A cumulative GPA of at least 3.0 on a 4.0 scale.
A score of at least 500 on the Graduate Management Admission Test (GMAT).
International students must also take the TOEFL examination and attain a score of 500 or more.

Prerequisite Knowledge
• The MSIS program assumes that students have the following background knowledge. Students without these prerequisites can take preparatory courses at UNR before formally entering the program.
  Basic Concepts of Information Systems and Computing Applications - Basic understanding of hardware, software, telecommunications, networking, and transaction processing.
  Programming - Experience using a programming language such as Visual Basic, COBOL, or C++.
  Database Design - Understanding the concepts of database design and implementation.
  Project Management - Understand the basic concepts of project initiation, planning, and management.

For further information on specific program requirements, please see our website at www.business.unr.edu/msis or contact:
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Why MSIS?
Information technology will be to the 21st century what engineering was to the 20th century. It is the enabling and driving force in every industry and government agency. Organizations offer a premium to those who can apply advanced technologies to solving real-world business problems and opportunities. The Master of Science program in information systems develops the technical, systems, and business skills and knowledge to do just that!
Master of Science in Information Systems

The goal of the MSIS program is to prepare graduates for management careers in information systems. Thus, the program is suitable for students with business, computer science, engineering, or science undergraduate degrees who want to learn about management of information technology at an advanced level. Students with undergraduate degrees in other areas but who have professional experience in information technology are also encouraged to apply to the program. The general program requirements are as follows:

IS Core
required 5 courses (15 credits)
- IS670 Security, Controls & Information Assurance (Fa)
- IS682 Data Resource Management (Sp)
- IS746 Project Management (Sp)
- IS752 Technical Environment (Sp)
- IS788 Change Management (Fa)

Business Core
required 2 courses (6 credits)
- BADM700 Statistics & Research Design
- BADM710 Financial Reporting & Analysis
- BADM720 Management
- BADM741 Financial Management
- BADM743 Investment Management
- BADM760 Marketing Management

Option 1 - Non-Thesis
Electives (8 credits)
3 credits must have an IS designation

Option 2 - Thesis
IS797 (6 credits)
Masters Thesis

Option 1 - Non-Thesis (Total 32 Credits)
IS789 (3 credits)
Information Technology Strategy and Policy

Option 2 - Thesis (Total 30 Credits)
IS789 IS Policy and Strategy
The top management, strategic perspective for aligning competitive strategy, core competencies, and information systems.

IS Course Descriptions

IS 670 Computer Security, Controls, and Information Assurance
This course explores system vulnerabilities, safeguards, and recovery procedures. Also discusses the impact of security policies, standards, and operations on computer access, user rights, and online privacy and security.

IS 682 Data Resource Management
The concepts, principles, issues and techniques for managing corporate data resources. Includes discussion of techniques for designing and developing, accessing and mining data warehouses.

IS 746 Advanced Project Management
Managing projects within an organizational context, including the processes related to initiating, planning, executing, controlling, reporting, and closing a project.

IS 752 Issues in the Current Technical Environment
This course explores current technical issues related to the business use of information systems. Students will evaluate the relative efficacy of current products and learn to differentiate "leading" vs. "bleeding" edge technology.

IS 788 Issues in Change Management
Students will understand how to analyze and reengineer existing processes, identify creative solutions and understand the socio-political implications of technology implementation.

IS 789 IS Policy and Strategy
The top management, strategic perspective for aligning competitive strategy, core competencies, and information systems.