

## CAREERS IN MANAGEMENT INFORMATION SYSTEMS

The College of Business is dedicated to preparing its graduates to serve in leadership positions for organizations locally, regionally, nationally, and internationally.

Management Information Systems degree holders gain the knowledge and skills to acquire positions such as business analyst, database analyst/designer, applications programmer, telecommunications analyst/administrator, production control analyst, and technical trainer, and other professional positions in small businesses, corporations, and government agencies.

## COLLEGE OF BUSINESS

### ADMISSION REQUIREMENTS

- RHET 1312 Composition II and Math 1302 College Algebra with a grade of "C" or better
- A minimum of 2.25 GPA (at UALR or transferring school) or 2.25 GPA on the most recently completed 15 hours at UALR

Students admitted as MIS majors and those interested in pursuing a business degree but who do not meet entrance requirements will be advised in the Department of Management. UALR students who have not been officially admitted to the College of Business may take most business courses as long as all prerequisites have been met.

### MIS MINOR PROGRAM

Adding a business minor will complement other degree programs to launch a marketable career path.

#### MIS Minor—18 hours

- |           |   |
|-----------|---|
| MGMT 3305 | Management Information Systems          |
| MGMT 3352 | Advanced Personal Computer Applications |
| MGMT 4331 | Management of Info Resources            |

#### 4 courses from the following (with approval of Management Chairperson):

- |           |   |
|-----------|---|
| ACCT 2310 | Principles of Accounting I                                  |
| MGMT 3307 | Systems Development Methodologies                           |
| MGMT 3310 | Business Applications in COBOL                              |
| MGMT 4309 | Seminar: Special Topics in CIS/MIS                          |
| MGMT 4310 | Network Technologies  |
| MGMT 4311 | Security Issues and Advanced Topics in Network Technologies |
| MGMT 4312 | Object-Oriented Programming                                 |
| MGMT 4350 | Business Database Mgmt Systems                              |
| MGMT 4355 | Info Systems Development Project                            |



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UNIVERSITY OF ARKANSAS AT LITTLE ROCK

## MANAGEMENT INFORMATION SYSTEMS

(Major & Minor)



DONALD W. REYNOLDS CENTER FOR  
BUSINESS & ECONOMIC DEVELOPMENT

## MANAGEMENT INFORMATION SYSTEMS PROGRAM

The Management Information Systems (MIS) major develops competencies in analysis, design, development, and management of business information systems. The program emphasizes development of computer applications in a business environment and effective use of computer resources to meet organizational objectives. Technical competencies coupled with a knowledge of all areas of business developed in the major (accounting, economics, finance, management, and marketing) will prepare graduates for career advancement in today's rapidly changing business environment.

## MARKETABILITY AND JOB DEMAND

MIS graduates fill a growing need for information systems managers who are well prepared to meet the technical and managerial demands of the information technology (IT) industry. **Program graduates (U.S. and international students) are actively recruited by corporations worldwide.**

## DID YOU KNOW?

- IT employment in 2006 reached a level higher than during the dot-com era.
- Through 2014, 3 out of 10 new jobs will be created in the computer field.
- Through 2014, 5 of the top 12 high growth rate occupations are in the computer field.
- The Computer and Information Systems Managers occupational group is projected to grow faster than the average of all occupations through 2014.

UALR's College of Business MIS program combines IT and business courses to give graduates an advantage over other IT professionals for success in this dynamic career field.

## COMPETENCY/KNOWLEDGE DEVELOPMENT

The MIS degree provides graduates with competency and knowledge in the following areas:

### Technical

- Systems Development
- Database Design/Management
- Programming (procedural and object-oriented languages)
- Telecommunications and Network Design/Administration
- Information Security
- Software Applications
- Information Resource Management

### Business

- Accounting
- Economics
- Finance
- Management
- Marketing



## MIS MAJOR CURRICULUM

### University Core Curriculum (44 hours):

ENGL 2337, 2338	World Literature OR Philosophy 2320
FNAR 2300, 2301	Introduction to Fine Arts I and II OR ARHA 2200 Intro to Visual Art, MUHL 2200 Intro to Music, DRTH 2200 Intro to Theatre & Dance
HIST 2311, 2312	US History to and since 1877 OR
POLS 1310	American National Government
HIST 1311, 1312	History of Civilization I and II
MATH 1302	College Algebra
RHET 1311, 1312	Composition I and II
SPCH 1300	Speech Communication

Any 2 lab science core courses (8 hours)

Any 2 social and cultural awareness core courses (6 hours)

### Pre-business Courses (27 hours)—Minor:

ACCT 2310, 2330	Principles of Accounting I and II
ECON 2310, 2312	Business Statistics I and Quantitative Methods
ECON 2322, 2323	Microeconomics & Macroeconomics
MATH 1342	Business Calculus
MGMT 1310	Fundamentals of Info Technology
MKTG 2380	Legal Environment of Business

### Professional Business Studies Core (21 hours)—Minor:

FINC 3310	Business Finance
MGMT 3300	Organizational Behavior & Management
MGMT 3304	Production/Operations Management
MGMT 3305	Management Information Systems
MGMT 3380	Business Communication
MGMT 4380	Business Strategy and Policy
MKTG 3350	Principles of Marketing

### Major Requirement (30 hours):

MGMT 3307	Systems Development Methodologies
MGMT 3310	Business Applications in COBOL
MGMT 3352	Advanced Personal Computer Applications
MGMT 4310	Network Technologies
MGMT 4312	Object-Oriented Programming
MGMT 4331	Mgmt of Information Resources
MGMT 4350	Business Database Mgmt Systems
MGMT 4355	Info Systems Development Project

### 2 courses from the following:

MGMT 4309	Seminar: Special Topics in CIS/MIS
MGMT 4311	Security Issues and Advanced Topics in Network Technologies
CPSC 1375/1175	Programming I/Intro to Computer Science Lab
CPSC 2376	Programming II

### Not more than 1 of:

MGMT 3320, 3340, 3362, 4361, and 4377

### Unrestricted Electives 1-2 hours

**Note:** Only 1000- and 2000-level course requirements may be met from courses transferred from two-year institutions. Confirm transfer credit with the UALR College of Business prior to taking courses at other schools.

## UALR PROGRAM BENEFITS

- Flexible course offerings (both day and evening courses; online pre-business and professional business courses)
- High-quality interdisciplinary program
- Accomplished national and international faculty
- State-of-the-art classroom facilities in the Reynolds Center for Business and Economic Development
- Enriched learning experiences, including hands-on projects
- Availability of Cooperative Education work experience opportunities
- AACSB-accredited program—premier accrediting agency for business programs