

MANAGEMENT INFORMATION SYSTEMS

WHAT YOU CAN DO WITH IT

- Management Information Systems (MIS) is the application of information technologies, including computers and communications networks, to business, with emphasis on management of the entire information systems function.
- The ideal person for such vast opportunities is the one with both a technical information systems and a business background. This combination of backgrounds is provided by the BBA in MIS degree.
- The content areas include systems analysis and design, database management, telecommunications and networks, client-side and server-side computer programming, and the management of information systems.

CAREER OPPORTUNITIES

- The U.S. Department of Labor consistently lists systems analysis and programming as among the top ten fastest-growing fields.
- Job categories include systems analysis and design, programming, database administration, network administration, web site design and development, and consulting.
- Virtually every type of business is dependent on information systems, so career opportunities are expected to increase in the future.
- MIS personnel are increasingly being called upon to help reengineer how businesses work to take full advantage of information systems capabilities.

SCHOLARSHIPS AND INTERNSHIPS

MIS students are highly sought after by Memphis-area businesses for paid internships which also carry course credit toward the degree. A variety of scholarships are available to qualified students majoring in MIS.

MIS CLUB

The area maintains an active student chapter of the Association for Information Technology Professionals. Contact Ms. Judy Brown, jbrown@memphis.edu, for membership information

Course Requirements Major (27 hours)

Valid Catalog: 2010

A minimum 2.25 GPA is required in the major.

Required Courses: (21 hours)

- MIS 2770 (3) Information Technology Infrastructure (Prerequisite: MIS 2749)
- MIS 2845 (3) Application Program Development I (Prerequisite: MIS 2749)
- MIS 3770 (3) Systems Analysis Methods (Prerequisite or corequisite: MIS 3210)
- MIS 3775 (3) Database and Information Management (Prerequisite or corequisite: MIS 3210)
- MIS 3790 (3) Enterprise Architecture (Prerequisite: MIS 2770, 2845, Prerequisite or corequisite: MIS 3210)
- MIS 3885 (3) Strategic Information Technology Project Management (Prerequisite: MGMT 3110)
- MIS 4800 (3) IS Strategy, Management and Acquisition, (Prerequisites: MIS 3770, 3775, 3790)

Complete two of the following: (6 hours)

- MIS 3820 (3) Introduction to Systems Testing (Prerequisites: MIS 2845, 3770)
- MIS 3821 (3) Advanced Systems Testing (Prerequisite: MIS 3820)
- MIS 3845 (3) Application Program Development II (Prerequisite: MIS 2845 or equivalent)
- MIS 3886 (3) Project Management Tools and Leadership (Prerequisite or corequisite: MIS 3885)
- MIS 4310 (3) Global Information Technology
- MIS 4760 (3) Web Site Development (Prerequisite: MIS 2845)
- MIS 4845 (3) Application Program Development III (Prerequisite: MIS 2845 or equivalent)
- MIS 4911 (3) Internship in MIS (Prerequisite: 2.75 GPA and 15 completed hours in the Upper Division Core)
- COMP 4262 (3) Programming UNIX (Prerequisite: COMP 2150 or permission of instructor)

Minor in MIS: MIS 2770, 3770, 3775, 3790, and 4800 (Prerequisite courses must be included)

Minor in Project Management: MIS 3885, 3886 and 2 courses from MIS 3770, 3775, 3845, 4310, 4760, 4845, MGMT 4420, 4481, MKTG 3650, 4080, ISDS 4511 (Prerequisite courses must be included)

Minor in Project Management for MIS majors: MIS 3886 and 3 courses from MIS 3845, 4310, 4760, 4845, MGMT 4420, 4481, MKTG 3650, 4080, ISDS 4511 (Prerequisite courses must be included)

Minor in Systems Testing: MIS 2845, 3770, 3820, 3821 (Prerequisite courses must be included)

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MIS Department Website: <http://www.people.memphis.edu/~infosys/memphis/>