

Department of Computer Information Systems

Stanley E. Gambill, Chair
Business and Aerospace Building N333C

Adams, Aggarwal, Apigian, Brooks, C. Clark, J. Clark, Freeman, Gober, Greer, Hennington, Holmes, Jih, Jones, Keedy, Korzaan, Lee, Maier, Morris, Murtaza, Seipel

The mission of the Department of Computer Information Systems is to provide programs to prepare students to solve business problems through the use of computer information systems, computer tools, and techniques; to prepare students in the management of computer information systems; to provide foundation courses to students in other fields; to encourage intellectual contributions that advance the state of knowledge in the application of information technology and quantitative methods to the solution of business problems; and to promote the involvement of department members in service activities.

The Computer Information Systems program is designed to prepare the student to assume information systems/technology responsibilities in any organization. Exposure to a broad range of business functions coupled with learned information systems concepts and skills will serve the student well in positions such as computer programmer, database designer/administrator, data communications manager/specialist, systems analyst, computer marketing specialist, or information center specialist.

At least 50 percent of the required major hours must be taken in residence at MTSU for a major in Information Systems and 6 hours for a minor. All Information Systems majors have a built-in minor in Business Administration.

Curricular listings include General Education requirements in Communication, History, Humanities and/or Fine Arts, Mathematics, Natural Sciences, and Social/Behavioral Sciences categories as outlined on pages 64–67.

Major in Information Systems

In addition to meeting the business requirements (see page 143), an Information Systems major consists of 30 hours of information systems courses. Majors must earn an overall minimum GPA of 2.00 in their required information systems courses.

The following 24 hours are required of all Information Systems majors:

INFS	2400	Web Development
INFS	2600	Programming Logic with VB.NET
INFS	3200	Business Application Development
INFS	3400	Object-Oriented Programming with C#.NET
INFS	3800	Project Management and Systems Development
INFS	4790	Database Design and Development
INFS	4900	Business Data Communications
INFS	4950	Advanced Web-Enabled Application Development

In addition, 6 hours of electives must be chosen from the following courses:

INFS	2730	Programming Languages
INFS	3500	Knowledge Management Systems
INFS	3990/4990	Independent Study in Information Systems
INFS	4200	Data-Enhanced Internet Applications
INFS	4300	Security Assurance and Information Systems Auditing
INFS	4420	Information Systems Internship
INFS	4500	New Technologies in Information Systems
INFS	4740	Information Resource Management
INFS	4830	Database Programming

The following is the required course outline for the Information Systems major with a minor in Business Administration.

Required Program

Information Systems—B.B.A. Degree

FRESHMAN		SOPHOMORE	
ENGL 1010, 1020 (Comm)	6	ENGL 2020 or 2030 or	
MATH 1630 or 1810 (Math)	3	HUM 2610 (Hum/FA)	3
COMM 2200 (Comm)	3	Humanities and/or	
Natural Sciences (2 prefixes)	8	Fine Arts (2 prefixes)	6
ECON 2410 (Soc/Beh Sci)	3	HIST 2010, 2020, or 2030	6
INFS 2400	3	Social/Behavioral Sciences	3
Nonbusiness elective	4	ACTG 2110, 2120	6
	30	ECON 2420	3
		QM 2610	3
			30
JUNIOR		SENIOR	
QM 3620	3	INFS 3200, 3400, 3800,	
ECON 3210	3	4790, 4900, 4950	18
BLAW 3400	3	INFS electives	6
INFS 3100	3	QM 4010	3
MGMT 3610, 3620	6	BUAD 4980	3
MKT 3820	3		30
FIN 3010	3		
BCEN 3510	3		
INFS 2600	3		
	30		

Minor in Information Systems

A minor in Information Systems consists of 15 semester hours of coursework in information systems, 6 hours of which must be taken at MTSU. INFS 3100 and an INFS upper-division elective are required. In addition, 9 hours of approved INFS electives are required. A 2.00 GPA is required in the Information Systems minor.

Combined Minor in Accounting/Information Systems

A student may obtain a combined Accounting/Information Systems minor consisting of 18 semester hours which include ACTG 3000 (or 2110 and 2120), INFS 2200, 3100, and 3800, plus 6 hours of upper-division ACTG electives, not to include both ACTG 3310 and 3020. This is an excellent minor for students pursuing majors outside the Jennings A. Jones College of Business. A 2.00 GPA is required in the Accounting/Information Systems minor.

Courses in Information Systems [INFS]

See course descriptions in back of catalog.

Courses in Quantitative Methods [QM]

See course descriptions in back of catalog.

Graduate Study

Requirements for the Master of Science in Accounting/Information Systems and for the Master of Business Administration degrees and a list of the courses offered for graduate credit are published in the Graduate Catalog.

