

Department of Management and Information Systems

Office: 302 McCool Hall

Students in the Department of Management and Information Systems may elect to major in either Management or Business Information Systems. Both majors offer excellent job opportunities and can help graduates to achieve their potential in business firms or other organizations.

Management Major (MGT)

Regardless of one's chosen career, future responsibilities will very likely require a knowledge of management concepts. While an organization can acquire more capital, and technology becomes more common and cost-effective, the only true sustainable source of competitive advantage for an organization is people, and how these resources are managed. Management adds value by encouraging employee involvement, creativity, motivation and loyalty. A student may choose to take electives emphasizing human resource management, general management, and entrepreneurship.

Business Information Systems Major (BIS)

Business, industrial, governmental, and military establishments are constantly seeking persons with the necessary aptitude, professional education, and experience for careers in the fast-growing field of computer information systems. Through the facilities of the academic departments and the computing center, students at Mississippi State University have a unique opportunity to acquire both professional education and experience in business and management information systems.

The purpose of the Business Information Systems major is to prepare students to solve business problems where the solution normally involves the use of a computer. Thus, the student must have a strong foundation in computer concepts, systems analysis and design, programming and quantitative skills. Since the student will be expected to solve business related problems, he/she must have a broad background and understanding of the business environment including such topics as accounting, economics, law, management, production, marketing, finance, and communications.

A student chapter of the BIS club is active and provides students with the opportunity to keep abreast of current developments in the field of management information systems through professional speakers, social activities, and field trips.

Management Major (MGT)

General Education Requirements

English Composition

| | | |
|-----------------------|---|-----|
| EN 1103 or EN 1104 | English Composition I Expanded English Composition I | 3-4 |
| EN 1113 or EN 1173 | English Composition II Accelerated Composition II | 3 |

Mathematics

| | | |
|--------------------------------------|--|---|
| MA 1313 | College Algebra | 3 |
| MA 1613 or MA 1713 | Calculus for Business and Life Sciences I Calculus I | 3 |
| BQA 2113 or MA 2113 or ST 2113 | Business Statistical Methods I Introduction to Statistics Introduction to Statistics | 3 |

Science

| | | |
|---|--|---|
| 2 Lab Sciences from General Education courses | | 6 |
|---|--|---|

Humanities

| | | |
|-------------------------------|--|---|
| See General Education courses | | 6 |
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Fine Arts

| | | |
|-------------------------------|--|---|
| See General Education courses | | 3 |
|-------------------------------|--|---|

Social/Behavioral Sciences

| | | |
|---|---------------------|---|
| PS 1113 | American Government | 3 |
| Choose from General Education excluding: AEC and EC | | 3 |

College Core

| | | |
|----------|---------------------------------|---|
| BQA 3123 | Business Statistical Methods II | 3 |
|----------|---------------------------------|---|

| | | |
|---|---|------------|
| ACC 2013 | Principles of Financial Accounting | 3 |
| ACC 2023 | Principles of Managerial Accounting | 3 |
| EC 2113 | Principles of Macroeconomics | 3 |
| EC 2123 | Principles of Microeconomics | 3 |
| BL 2413 | The Legal Environment of Business | 3 |
| BIS 3233 | Management Information Systems | 3 |
| FIN 3113 | Financial Systems | 3 |
| FIN 3123 | Financial Management | 3 |
| MKT 3013 | Principles of Marketing | 3 |
| MGT 3113 | Principles of Management | 3 |
| BUS 4853 | Strategic Management | 3 |
| International Elective (see advisor for options) | | 3 |
| Oral Communication Requirement | | |
| CO 1003 or CO 1013 | Fundamentals of Public Speaking Introduction to Communication | 3 |
| Computer Literacy Requirement | | |
| BIS 1012 or TECH 1273 | Introduction to Business Information Systems Computer Applications | 2-3 |
| Writing Requirement | | |
| MGT 3213 | Organizational Communications | 3 |
| Major Core | | |
| MGT 3323 | Entrepreneurship | 3 |
| MGT 3513 | Introduction to Human Resource Management | 3 |
| MGT 3813 | Organizational Behavior | 3 |
| MGT 4153 | Management Seminar | 3 |
| Choose any three MGT electives 3000-level or above: | | 9 |
| MGT 3333 | Field Studies in Entrepreneurship | |
| MGT 3823 | Socially Responsible Leadership | |
| MGT 4533 | Advanced Human Resource Management | |
| MGT 4543 | Compensation Management | |
| MGT 4563 | Staffing in Organizations | |
| MGT 4613 | Cross-Cultural Management | |
| Free electives | | 19 |
| Total Hours | | 124 |

Business Information Systems Major (BIS)

General Education Requirements

English Composition

| | | |
|-----------------------|---|---|
| EN 1103 or EN 1104 | English Composition I Expanded English Composition I | 3 |
| EN 1113 or EN 1173 | English Composition II Accelerated Composition II | 3 |

Mathematics

| | | |
|----------|---|---|
| MA 1313 | College Algebra | 3 |
| MA 1613 | Calculus for Business and Life Sciences I | 3 |
| BQA 2113 | Business Statistical Methods I | 3 |

Science

| | | |
|---|--|---|
| 2 Lab Sciences from General Education courses | | 6 |
|---|--|---|

Humanities

| | | |
|-------------------------------|--|---|
| See General Education courses | | 6 |
|-------------------------------|--|---|

Fine Arts

| | | |
|-------------------------------|--|---|
| See General Education courses | | 3 |
|-------------------------------|--|---|

| | | |
|---|--|------------|
| Social/Behavioral Sciences | | |
| PS 1113 | American Government | 3 |
| Choose from General Education excluding: AEC and EC | | |
| College Core | | |
| BQA 3123 | Business Statistical Methods II | 3 |
| ACC 2013 | Principles of Financial Accounting | 3 |
| ACC 2023 | Principles of Managerial Accounting | 3 |
| EC 2113 | Principles of Macroeconomics | 3 |
| EC 2123 | Principles of Microeconomics | 3 |
| BL 2413 | The Legal Environment of Business | 3 |
| BIS 3233 | Management Information Systems | 3 |
| FIN 3113 | Financial Systems | 3 |
| FIN 3123 | Financial Management | 3 |
| MKT 3013 | Principles of Marketing | 3 |
| MGT 3113 | Principles of Management | 3 |
| BUS 4853 | Strategic Management | 3 |
| International Elective (see advisor for options) | | |
| Oral Communication Requirement | | |
| CO 1003 | Fundamentals of Public Speaking | 3 |
| or CO 1013 | Introduction to Communication | |
| Computer Literacy Requirement | | |
| BIS 1012 | Introduction to Business Information Systems | 2 |
| Writing Requirement | | |
| MGT 3213 | Organizational Communications | 3 |
| Major Core | | |
| BIS 1523 | Web Development I | 3 |
| BIS 2523 | Web Development II | 3 |
| BIS 3523 | Advanced Languages I | 3 |
| BIS 3753 | Business Database Systems | 3 |
| BIS 4753 | Structured Systems Analysis and Design | 3 |
| BIS 4763 | BIS Senior Seminar | 3 |
| Choose two of the following: | | |
| BIS 4113 | Business Information Systems Security Management | |
| BIS 4513 | Microcomputers and Networks | |
| BIS 4523 | Business Programming with COBOL | |
| BIS 4533 | Decision Support Systems | |
| Non-business electives (see advisor for options) | | |
| Computer Science Engineering (CSE) electives | | 3 |
| Computer-related electives | | 9 |
| Free electives | | 4 |
| Total Hours | | 123 |