



College of STEM 2026-27

Curriculum Guide for Management Information Systems, B.S.

Freshman (1st Semester) 15-16 hrs

MIS 110 Intro to MIS
INF 104 Computer Lit w/ Software App
GSD 101 Foundations of Learning
*ENG 101 (E-1A)
MAT 111A/B, 112A/B or higher-level math (E-2A)

Sophomore (1st Semester) 15 hrs

MIS 335 Database Management
ACC 200 Survey of Accounting
CMS 100 or 210 or 215 (E-1C)
Essential Ed Course
BUS 204 Fundamentals of Business Law & Ethics

Junior (1st Semester) 15 hrs

MIS 340 Electronic Business Technologies and Tools
Elective/Minor Course
Essential Ed Course
Essential Ed Course
Guided MIS Elective

Senior (1st Semester) 15 hrs

MIS 380 Information Systems Analysis and Design
Guided MIS Elective
Elective/Minor Course
Elective/Minor Course

Freshman (2nd Semester) 15 hrs

MIS 215 Introduction to Business Programming
ECO 230 Fundamentals of Microeconomics (E-4B)
*ENG 102 (E-1B)
BUS 101
Essential Ed Course

Sophomore (2nd Semester) 15 hrs

MIS 350 AI in MIS
STA 260 Business Statistics
Essential Ed Course
Elective/Minor Course
BUS 206 Fundamentals of Problem Solving with Excel

Junior (2nd Semester) 15-16 hrs

MIS 375 Networks and Telecommunications
MIS 430 Business Data Mining
Guided MIS Elective
Elective/Minor Course
Essential Ed Course

Senior (2nd Semester) 15 hrs

MIS 410 Project Management and Practice
Guided MIS Elective or Elective/Minor Course
Elective/Minor Course
Elective/Minor Course

*Course must be taken in the semester indicated.

UNIVERSITY GRADUATION REQUIREMENTS

Essential Education

30

hrs

Student Success Seminar (GSD 101)

3 hrs

Total Hours University Graduation Requirements

33 hrs

Major Core

INF 104, MIS 110, 215, 335, 340, 349, 375, 380, 410, 430, & 431, STA 260

36 hrs

Supporting Course Requirements

21 hrs

ACC 200; ECO 230 (^GE-4B) and 231; MAT 112A and 112B (^GE-2A); BUS 101, 204, 206, 306,

*MGT 301, *MKT 301.

^G = Course also satisfies an Essential Education element. Hours are included within the 30 hr. Essential Education Requirement above.

*Not shown in schedule above. This course is taught in Summer and Winter terms.



Choose a Concentration:

9-12 hrs

Technical Systems

Business Analytics

Technical Systems

Select 6-9 hours from the following:

- MIS 376 Advanced networking and Network Security
- MIS 435 Advanced Database Topics
- CSC 160 Introduction to Web Programing

Select 3 hours from the following:

- MIS 349 Applied Learning in Management Information Systems
- INF 321 Computer Forensics
- FIN 310 Entrepreneurial Finance
- MKT 401 Digital Marketing

Business Analytics

Select 6-9 hours from the following:

- MIS 431 Advanced Business Analytics
- MIS 435 Advanced Database Topics
- HSA 370 Health Information Management Systems I
- FIN 310 Entrepreneurial Finance
- MKT 400 International Marketing
- MKT 401 Digital Marketing

Select 3 hours from the following:

- MIS 349 Applied Learning in Management Information Systems
- HCA 405 Health Information Management Systems II
- INF 321 Computer Forensics
- FIN 201 Personal Money Management
- HLS 320 Security Management

Free Electives

21-24 hrs

Total Curriculum Requirements

120 hrs

Suggested minors below:

Cybersecurity and Intelligence

Total Curriculum Requirements..... 21 hrs

Informatics

Total Curriculum Requirements 18-19 hrs

Health Care Administration

Total Curriculum Requirements..... 18 hrs