



College of STEM

2025-26

Suggested Curriculum Guide for Management Information Systems, B.S.

Freshman (1st Semester) 18 hrs

GSD 101 Foundations of Learning
INF 104 Computer Lit w/ Software App (or TEC 161)
E-1A* ENG 101
E-2 MAT 112A/B or higher-level math
Element 3A or 3B
Element 5B Course 1

Sophomore (1st Semester) 16 hrs

CSC 160 Introduction to Web Programming
ACC 200 Survey of Accounting
ECO 230 Fundamentals of Microeconomics (E-5B course 2)
Element 4
Minor Course

Junior (1st Semester) 16 hrs

MIS 335 Database
management Major Elective
Minor Course
Element 3A or 3B
Element 4

Senior (1st Semester) 13 hrs

CSC 496 Senior Seminar (1)
MIS 380 Information Systems Analysis and Design
Major Elective
Minor Course
Elective

Freshman (2nd Semester) 16 hrs

MIS 215 Introduction to Business
Programming E-1B* ENG 102
E-1C CMS 100 or 210
STA 270 (4) Applied Statistics
Elective

Sophomore (2nd Semester) 15 hrs

MIS 375 Networks and
Telecommunications ECO 231
Fundamentals of Macroeconomics MGT
301 Principles of Management Element 5A
Minor Course

Junior (2nd Semester) 15 hrs

MIS 340 Electronic Business Technologies and Tools
Major Elective
Minor Course
Element 3B Course 2
Elective

Senior (2nd Semester) 13 hrs

CSC 499 CS Career Preparation (1)
MIS 410 Project Management and Practice
Minor Course
Minor Course
Elective

*Course must be taken in the semester indicated.

UNIVERSITY GRADUATION REQUIREMENTS

General Education	36 hrs
Student Success Seminar (GSD 101)	3 hrs
Total Hours University Graduation Requirements	39 hrs

Major Core

CSC 160, MIS 215, MIS 335, 340, 375, 380, 410, CSC 496 (1) and CSC 499(1).

23 hrs

Major Electives

9 hrs

Business Analytics: Nine hours from MIS 430, 431, 435, or STA 580 or one course chosen from NET 343, 354, or 403.

Business Systems Security: Nine hours from INF 321, 322, MIS 349 (up to a maximum of three hours), 430, 475, or INF 518 or one course chosen from NET 343, 354, or 403.

Supporting Course Requirements

16 hrs

ACC 200; ECO 230 (⁶Element 5B) and 231; INF 104 or TEC 161; MAT 112A and 112B (⁶Element 2); MGT 301, STA 270 (4).

⁶ = Course also satisfies a General Education element. Hours are included within the 36 hr. General Education Requirement above.

Minor Courses

18-21 hrs

Free Electives

12-15 hrs

Total Curriculum Requirements

120 hrs

The addition of a certificate or minor to this program is highly recommended (over)



College of STEM

2025-26

The addition of a certificate or minor to this program is highly recommended.

Business Minor

Required Courses

BUS 101, 206, ACC 200 or BUS 209, and ECO 230 (Element 5B); one course from the following: BUS 204, or 301W; and two courses from the following: BUS 302, 304, or MGT 301 or MKT 301.

Total Curriculum Requirements

21 hrs

Cyber Security and Intelligence

Required Courses

HLS 401, 402, 403, INF 321, 322; and two courses from the following: CSC 332, 520, 542, 548, INF 307, 314, 318.

Total Curriculum Requirements

21 hrs

Informatics

Required Courses

INF 104, 314, 123 or 307; one of the following: STA 215 or 270(4); choose two courses from the following: INF 105, 120, 130, 301, 318, 330, 495, CAC 101, 140, 160, 170, 174, 177, 178, 190, HAS 370, STA 340, 580, INF 123 or 307 (if not used above).

Total Curriculum Requirements

18-19 hrs

Computer Electronics Technology

Required Courses

EET 251, 252; choose from one of the following: EET 253, 351 AEM 352, NET 302, 303; choose one of the following: NET 343, 354, 395, 367B (0) exit requirement.

Total Curriculum Requirements

18 hrs