



College of STEM 2024-2025

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

Freshman (1st Semester) 18 hrs

- GSD 101
- 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 6 Diversity

Sophomore (1st Semester) 16 hrs

- CSC 160 Introduction to Web Programming
- ACC 200 Survey of Accounting
- ECO 230 Fundamentals of Microeconomics (E-5B)
- 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 6 Diversity
- 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 Requirements

Major Core.....	23 hrs
CSC 160, MIS 215, MIS 335, 340, 375, 380, 410, CSC 496 (1) and CSC 499(1).	

Major Electives	9 hrs
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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
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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
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Free Electives	12-15 hrs
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Total Curriculum Requirements	120 hrs
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The addition of a certificate or minor to this program is highly recommended (over)





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Business Minor

Required Courses 21 hrs
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 21 hrs
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 18-19 hrs
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 18 hrs
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**