MANAGEMENT INFORMATION SYSTEMS MINOR

Banner Code: MIS

Phone: 703-993-1880
Website: business.gmu.edu

Administration

- Jeremy Plotnick, Director of Minor Programs

With the growth in the online economy and the increasing use of data by traditional companies, the demand for business analysts, data analysts, and information systems professionals is dramatically expanding. The MIS minor offers students a focused set of courses that provide foundational knowledge and skills in management information systems. The focus is on using information systems to create solutions to business problems. The minor is intended for students who could benefit from a deeper understanding of MIS as it relates to their major or concentration. Being able to apply information systems solutions in their chosen career will make students more marketable/attractive to employers in an increasingly digital economy. The MIS minor offers a useful and attractive option for both business and non-business students. The minor is not intended for Information Technology majors, Computer Science majors, or Management Information Systems concentration students in the School of Business.

Admissions & Policies

Policies

At least eight credits must be unique to the minor and not applied toward any other major, minor, or concentration. Students must achieve a grade of C or better in each course that is applied toward the minor.

For policies governing all minors, see AP.5.3.4 Minors. (http://catalog.gmu.edu/policies/academic/undergraduate-policies/#text) The School of Business residency requirement for this minor supersedes the university requirement: at least nine credits must be earned at Mason.

Requirements

Minor Requirements

Total credits: 15

Required Courses

Code	Title	Credits
MIS 303	Introduction to Business Information Systems (Mason Core) (http://catalog.gmu.edu/mason-core/)	3
MIS 310 or IT 214	Database Management Systems Database Fundamentals	3
MIS 320	Networks and Security	3
MIS 330	Systems Analysis and Design	3
Total Credits		12

Electives

Code	Title	Credits
Select one course from the following:		3
CS 112	Introduction to Computer Programming (Mason Core) (http://catalog.gmu.edu/mason-core/)	
IT 106	Introduction to IT Problem Solving Using Computer Programming	
IT 109	Introduction to Computer Programming	
IT 322	Health Data Challenges	
IT 324	Health Information Technology Fundamentals	
MIS 341	Cloud Computing Essentials	
MIS 350	Introduction to Programming for Business Applications	
MIS 410	Advanced Database Systems	
MIS 412	E-Business Systems Development	
MIS 415	Information Systems Audit and Control	
MIS 420	Information Security and Assurance	
MIS 430	Data Warehousing	
MIS 431	Data Mining for Business Applications	
MIS 433	Programming for Analytics	
MIS 441	Cloud System Management	
MIS 491	Seminar in Management Information Systems	
Total Credits		3