Information Systems Minor

Learn how to apply the benefits of technology

Can you think of a future career that will not use technology, data analytics, technology, or information systems (IS) in some way? Why not complement your major with an IS minor? IS study is concerned with the planning, analysis, design, and implementation of information systems. Students develop and use computer-based information systems in business environments in preparation for careers in information technology-related areas. A minor in IS provides students the opportunity to complement their major program of study with in-depth knowledge of IS concepts and applications applicable across disciplines. An IS minor is a great way for students to enhance their major with technology skills and knowledge that makes them much more valuable in their chosen major field.

What is the information systems minor?

The **IS minor** provides students with introductory level information systems knowledge and intermediate level skills development in data analytics, networking, systems development, and enterprise systems. Companies today are increasingly relying on employees who can apply technology into actionable insights to remain competitive.

The IS minor is designed to positively complement many majors by enhancing students' IS skills. The IS minor allows students to enhance their area of study with emerging technology and information systems approaches needed to produce, manage and apply the results for business decision making. Examples of programs that may benefit from this complementary minor include accounting, computer science, marketing, management, finance, and math. The program enhances and complements the increased use of technology across program domains.

Minor requirements

(All colleges)

Information systems admission and retention policy

All students must meet prerequisite requirements for courses counting toward the minor. Students may double count up to six credits with another major or minor.

Curriculum

18 credits

Code	Title	Credits
Core		
IS 220	Information Systems for Business Management	3
IS 300	Data Management for Business Problem Solving and Decision Making	3
IS 310	Information Systems in Networked Environments: Technical Foundations and Applications	3
IS 320	Enterprise Systems for Decision Making and Data Analytics	3
IS 401	Management Information Systems: Analysis and Design	3
Electives		
Select one of the following:		3
ACC 327	Accounting Information Systems	
CS 120	Software Design I	
IS 330	Business Choices and Telecommunications Decision	
IS 340	Information Systems Security and Data Assurance Management	
IS 360	Management of Business Analytics	
IS 405	Special Topics in Information Systems	
IS 411	Management Information Systems: Project Management and Implementation	
IS 440	Business Data Visualization and Communication	
MGT 395	Management Science	
Total Credits		**18**