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

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td></td>
<td><strong>Core</strong></td>
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<tr>
<td>IS 220</td>
<td>Information Systems for Business Management</td>
<td>3</td>
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<tr>
<td>IS 300</td>
<td>Data Management for Business Problem Solving and Decision Making</td>
<td>3</td>
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<tr>
<td>IS 310</td>
<td>Information Systems in Networked Environments: Technical Foundations and Applications</td>
<td>3</td>
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<tr>
<td>IS 320</td>
<td>Enterprise Systems for Decision Making and Data Analytics</td>
<td>3</td>
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<tr>
<td>IS 401</td>
<td>Management Information Systems: Analysis and Design</td>
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<tr>
<td></td>
<td><strong>Electives</strong></td>
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Select one of the following:  

- 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