BUSINESS: INFORMATION SYSTEMS, BBA

OVERVIEW
Built on a solid foundation of a business and information technology (IT) curriculum, the major in information systems delivers a unique blend of business acumen, industry standards, and practical computing instruction. Students enjoy successful placement and satisfying careers because they possess both the in-depth knowledge of business processes and the ability to readily translate business requirements into value-added IT solutions. The curriculum is designed to prepare effective leaders in the design, development, and management of information systems—the lifeblood of a successful business model. Courses emphasize both individual and team projects based on actual applications of the subject matter.

The major in information systems is administered by the Department of Operations and Information Management.

RELATED STUDENT ORGANIZATIONS
Association of Information System Professionals
National Organization for Business and Engineering

HOW TO GET IN
Students wishing to pursue this major must be admitted to the School of Business. Once admitted, students are able to pursue any business major they choose. To find out more about the school's admissions process for undergraduate students, please see Entering the School (http://guide.wisc.edu/undergraduate/business/#enteringtheschooltext).

REQUIREMENTS

UNIVERSITY GENERAL EDUCATION REQUIREMENTS
All undergraduate students at the University of Wisconsin–Madison are required to fulfill a minimum set of common university general education requirements to ensure that every graduate acquires the essential core of an undergraduate education. This core establishes a foundation for living a productive life, being a citizen of the world, appreciating aesthetic values, and engaging in lifelong learning in a continually changing world. Various schools and colleges will have requirements in addition to the requirements listed below. Consult your advisor for assistance, as needed. For additional information, see the university Undergraduate General Education Requirements (http://guide.wisc.edu/undergraduate/#requirementsforundergraduatetestudytext) section of the Guide.

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<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td></td>
<td>General Education</td>
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<tr>
<td></td>
<td>• Breadth—Humanities/Literature/Arts: 6 credits</td>
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<td>• Breadth—Natural Science: 4 to 6 credits, consisting of one 4- or 5-credit course with a laboratory component; or two courses providing a total of 6 credits</td>
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<td>• Breadth—Social Studies: 3 credits</td>
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<td>• Communication Part A &amp; Part B *</td>
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<td>• Ethnic Studies *</td>
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<td>• Quantitative Reasoning Part A &amp; Part B *</td>
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<td>* The mortarboard symbol appears before the title of any course that fulfills one of the Communication Part A or Part B, Ethnic Studies, or Quantitative Reasoning Part A or Part B requirements.</td>
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SCHOOL OF BUSINESS REQUIREMENTS
The Wisconsin Bachelor of Business Administration (BBA) degree program is based on a broad educational foundation combined with courses in business and economics. This curriculum is designed for those students who wish to prepare for careers in business. Students completing any School of Business major (http://guide.wisc.edu/undergraduate/business/#requirementstext) are required to satisfy a common set of Pre-Business Requirements, Liberal Studies Requirements, Business Preparatory Requirement, Business Core Requirement, Business Breadth Requirement, and Credits for BBA Degree.

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<tr>
<td></td>
<td>Pre-Business</td>
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<td>Liberal Studies</td>
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<td>Business Prep</td>
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<td>Business Core</td>
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<td></td>
<td>Business Breadth</td>
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INFORMATION SYSTEMS MAJOR REQUIREMENTS
The information systems major is a total of 15 credits, distributed as follows:

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>COMP SCI 301</td>
<td>Introduction to Data Programming</td>
<td>3</td>
</tr>
<tr>
<td>INFO SYS 365</td>
<td>Contemporary Topics</td>
<td>3</td>
</tr>
<tr>
<td>INFO SYS/COMP SCI 371</td>
<td>Technology of Computer-Based Business Systems</td>
<td>3</td>
</tr>
<tr>
<td>INFO SYS 422</td>
<td>Computer-Based Data Management</td>
<td>3</td>
</tr>
<tr>
<td>INFO SYS 424</td>
<td>Analysis and Design of Computer-Based Systems</td>
<td>3</td>
</tr>
</tbody>
</table>

Total Credits 15

SUGGESTED ELECTIVES RELATED TO INFORMATION SYSTEMS

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<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>COMP SCI 300</td>
<td>Programming II</td>
<td>3</td>
</tr>
<tr>
<td>COMP SCI 400</td>
<td>Programming III</td>
<td>3</td>
</tr>
</tbody>
</table>
INFO SYS 365  Contemporary Topics  1-3
I SY E/PSYCH 349  Introduction to Human Factors  3
I SY E 575  Introduction to Quality Engineering  3
I SY E 601  Special Topics in Industrial Engineering  1-3
MARKETNG 310  Marketing Research  3
MARKETNG/OTM 421  Fundamentals of Supply Chain Management  3
MARKETNG 427  Enterprise Systems and Supply Chain Management  3
M HR 412  Management Consulting  3
M HR 422  Entrepreneurial Management  3
M HR 423  Strategic Management  3
OTM 351  Principles and Techniques of Quality Management  3
OTM 365  Contemporary Topics (Project Management)  3
OTM 365  Contemporary Topics (Operations Analytics)  3
OTM 451  Service Operations Management  3
OTM 654  Production Planning and Control  3

UNIVERSITY DEGREE REQUIREMENTS

Requirements Detail

Total Degree  To receive a bachelor's degree from UW–Madison, students must earn a minimum of 120 degree credits. The requirements for some programs may exceed 120 degree credits. Students should consult with their college or department advisor for information on specific credit requirements.

Residency  Degree candidates are required to earn a minimum of 30 credits in residence at UW–Madison. "In residence" means on the UW–Madison campus with an undergraduate degree classification. "In residence" credit also includes UW–Madison courses offered in distance or online formats and credits earned in UW–Madison Study Abroad/Study Away programs.

Quality of Work  Undergraduate students must maintain the minimum grade point average specified by the school, college, or academic program to remain in good academic standing. Students whose academic performance drops below these minimum thresholds will be placed on academic probation.

LEARNING OUTCOMES

1. Students will understand how to manage data, model information, and apply appropriate information technology to create effective business solutions.
2. Students will understand how to use computer technologies to analyze business problems and processes.
3. Students will design and implement computer-based information systems which support business operations, decision-making, and planning.
4. Students will develop proficiency in project management, consulting, teamwork, conflict resolution, time management, and oral and written communication skills.
5. Students will be able to effectively lead organizations in the design, development, and management of information systems.

ADVISORING AND CAREERS

MEET THE ACADEMIC AND CAREER ADVISORS FOR INFORMATION SYSTEMS.

Tara Milliken
Career Advisor
tara.milliken@wisc.edu

Jackie Murray
Academic Advisor
jackie.murray@wisc.edu

Please visit the advising page (https://bus.wisc.edu/bba/academics-and-programs/majors/~/link.aspx?id=2471B6AB7883436D8817C4E66E0AF1C2&_z=z) for information on advising and appointments.

CAREERS

Information systems professionals help clients address some of their most complex business problems through the effective use of technology. They see pathways to solutions of highly complex technical issues and are key leaders in conceptualizing and sourcing the best solutions. Information systems professionals collect, store and analyze information and data to assist organizations and departments in executing business initiatives and making informed decisions. Additionally, they use hardware, software, technology infrastructure combined with input from internal or external clients to develop tools to solve and track business objectives.

For more information about careers in information systems, please visit our BBA Info Systems website (https://bus.wisc.edu/bba/academics-and-programs/majors/information-systems).

PEOPLE

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