Built on a solid foundation of a business and information technology (IT) curriculum, the major in Information Systems (https://business.wisc.edu/undergraduate/majors/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
Information Systems Society (https://win.wisc.edu/organization/informationsystemssociety/)

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/#requirementsforundergraduatestudytext) section of the Guide.

General Education
- Breadth—Humanities/Literature/Arts: 6 credits
- 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
- Breadth—Social Studies: 3 credits
- Communication Part A & Part B *
- Ethnic Studies *
- Quantitative Reasoning Part A & Part B *

* 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.

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.

INFORMATION SYSTEMS MAJOR REQUIREMENTS
The information systems major is a total of 16 credits, distributed as follows:

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>INFO SYS 322</td>
<td>Introduction to Databases</td>
<td>3</td>
</tr>
<tr>
<td>COMP SCI 220</td>
<td>Data Science Programming I</td>
<td>4</td>
</tr>
<tr>
<td>INFO SYS 371</td>
<td>Technology of Computer-Based</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Business Systems</td>
<td></td>
</tr>
<tr>
<td>INFO SYS 424</td>
<td>Systems Analysis and Design</td>
<td>3</td>
</tr>
<tr>
<td>INFO SYS 365</td>
<td>Contemporary Topics</td>
<td>3</td>
</tr>
<tr>
<td><strong>Total Credits</strong></td>
<td></td>
<td><strong>16</strong></td>
</tr>
</tbody>
</table>

SUGGESTED ELECTIVES RELATED TO INFORMATION SYSTEMS

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<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>
<tr>
<td>INFO SYS 365</td>
<td>Contemporary Topics</td>
<td>1-3</td>
</tr>
</tbody>
</table>
UNIVERSITY DEGREE REQUIREMENTS

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

FOUR-YEAR PLAN

This is a sample four-year plan for students directly admitted into the School of Business from high school. We encourage all students to consult with their academic advisor to develop an individualized plan that meets their specific needs.

Freshman

Fall | Credits | Spring | Credits
--- | --- | --- | ---
MATH 211 | 5 | GEN BUS 306 | 3
GEN BUS 106 | 1 | ECON 101 | 4
GEN BUS 110 | 1 | PSYCH 202 | 3
Ethnic Studies | 3 | Literature | 3
Communications A | 3 | Science | 3

| 13 | 16 |

Sophomore

Fall | Credits | Spring | Credits
--- | --- | --- | ---
GEN BUS 307 | 3 | COMP SCI 220 | 4
INFO SYS 322 | 3 | GEN BUS 360 | 3
ECON 102 | 4 | ACCT I S 211 | 3
ACCT I S 100 | 3 | MARKETING 300 | 3
Elective | 2-3 | OTM 300 | 3

| 15-16 | 16 |

Junior

Fall | Credits | Spring | Credits
--- | --- | --- | ---
INFO SYS 371 | 3 | INFO SYS 365 | 3
FINANCE/ECON 300 | 3 | Business Breadth | 3
Business Breadth | 3 | INFO SYS 424 | 3
M H R 300 | 3 | Humanities | 3
Science | 3 | Ethics | 3-4

| 15 | 15-16 |

Senior

Fall | Credits | Spring | Credits
--- | --- | --- | ---
GEN BUS 301 | 3 | Elective | 3
Social Science | 3 | Elective | 3
Elective | 3 | Elective | 3
Elective | 3 | Elective | 3
Elective | 3 | Elective | 3

| 15 | 15 |

Total Credits 120-122

1

Students must choose one of the following courses: PHILOS 241 Introductory Ethics, PHILOS 243 Ethics in Business, PHILOS 341 Contemporary Moral Issues, ENVIR ST/PHILOS 441 Environmental Ethics

ADVISING AND CAREERS

ADVISING

Advising is an integral part of any student’s educational journey in the School of Business Undergraduate Program. Starting at Student Orientation, Advising, and Registration (SOAR), we encourage all students to connect with academic advisors. Business academic advisors have a
wealth of knowledge about courses on campus, as well as policies and procedures.

Business career coaches help students with career exploration, internships, resumes, job search, interviewing and more. We encourage students to connect with their career coach once they arrive on campus.

Business academic advisors and career coaches are passionate about student success. Students experiencing academic difficulty or personal struggles are encouraged to talk to their advisor about how their individual situation may affect their academic performance.

**ASSIGNED ACADEMIC AND CAREER COACHES**

Admitted business students will have one assigned academic advisor. Career coaches are assigned by academic major to be able to provide industry-specific career guidance. If a student has more than one major, they may have more than one assigned career coach. Students can find their assigned advisor and coach by logging into the Starfish portal through MyUW.

For students not yet admitted to the School of Business, there is a team of pre-business advisors available.

**ACCESSING ADVISING**

Drop-in advising and scheduled appointments are available for admitted business students. Pre-business students may also schedule an appointment with a pre-business academic advisor or utilize drop-in academic advising.

For more information on accessing academic advising, please see our academic advising page (https://business.wisc.edu/undergraduate/academic-advising/).

For more information on accessing career coaching, please see our career coaching page (https://business.wisc.edu/undergraduate/careers/).

**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. In addition, 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 Undergraduate Info Systems website (https://business.wisc.edu/undergraduate/majors/information-systems/).