

Exploring the Information Systems Major

Information delivered quickly and accurately is the key to any successful enterprise. The IT/IS specialist provides the infrastructure for firms to compete strategically by planning, designing, installing and managing the systems used by a firm's functional areas — finance, marketing, human resources management and supply chain management.

Bulletin Information on the INSY major

[Undergraduate Bulletin](#)

[INSY specific information](#)

INFORMATION SYSTEMS MAJOR

Specific Information Systems Course Requirements:

INSY 3001	Introduction to Information Systems	3
INSY 4051	Business Applications Development	3
INSY 4052	Database Management Systems	3
INSY 4158	Systems Analysis and Design	3
Two of the following:		6
INSY 4053	Project Management	
INSY 4054	Emerging Technologies	
INSY 4055	Web-based Applications	
INSY 4056	Information Systems Governance	
INSY 4057	Enterprise Systems in Supply Chain Management	
INSY 4156	Privacy and Security	
INSY 4540	Global Technology Experience	
INSY 4931	Topics in Information Systems	
INSY 4953	Seminar in Information Systems	
Four Business electives		12
Total Credit Hours		30

Advising Central

Advising Central contains:

[Advising Information](#)

[Considerations for Fall 2020](#)

[Advising Frequently Asked Questions](#)

[Registration Information](#)

[Registration Frequently Asked Questions](#)

[College and University & Registration Forms](#)

Visit <https://www.marquette.edu/business/undergraduate/advising-central.php> for more

O*Net – Skills and Occupations to Explore

O*NET OnLine has detailed descriptions of the world of work for use by job seekers, workforce development and HR professionals, students, researchers, and more! You can browse for occupations by interest code here: <https://www.onetonline.org/find/>

While your interests and personality should never be seen as exclusionary, common Information Systems occupations by RIASEC interest code include **Investigative, Conventional** and **Enterprising**:

- Information Security Analysts: <https://www.onetonline.org/link/summary/15-1122.00>
- Business Intelligence Analyst: <https://www.onetonline.org/link/summary/15-1199.08>
- Information Technology Project Managers: <https://www.onetonline.org/link/summary/15-1199.09>

Video resources

Hear more about about Marquette's Global Business Learning from Information Systems graduate Will Crowley '20:

<https://streaming.mu.edu/hapi/v1/contents/permalinks/Hi54AsJa/view>

Learn More About IS/IT Positions and Career Paths

- [What can I do with a major in Information Systems?](#)
- [Career Options, Job Titles and Descriptions](#)
- [Skills needed for Business Analysts \(thebalancecareers.com\)](#)
- [Reasons Why Companies are Hiring Business Analysts \(IIBA.org\)](#)

Student Organizations to Consider

Delta Sigma Pi (DSP)

Delta Sigma Pi is a professional fraternity organized to foster the study of business; to encourage scholarship, social activity and the association of students for their mutual advancement by research and practice; to promote closer affiliation between the commercial world and students of commerce, and to further a higher standard of commercial ethics and culture and the civic and commercial welfare of the community.

Information Technology Student Organization (ITSO)

*For Information Technology majors, the student organization is the **Information Technology Student Organization (ITSO)**. This is a very active student group that brings in external speakers on a nearly weekly basis throughout the academic year to allow members and others hear about current trends in information technology. The group holds a number of events that bring students and professionals together, including networking events and career fairs specifically for Information Technology majors.*

Women in Business (WIB)

Women in Business is an organization at Marquette University founded in 2007 to aid female students in building their resume, gaining leadership skills, increasing networking opportunities, and taking a look into and gaining insight from the lives of professional women. Members of the organization are undergraduate female students interested in having a professional career upon graduation. Members from all majors are welcome, typically we see students from the College of Business Administration and the College of Communications. WIB typically holds monthly meetings that bring professional working women from across the Midwest to campus to discuss a

variety of topics. In addition, the organization holds socials and "how to" sessions regarding different aspects of attaining a job.

Go-Getters

The vision of the Go-Getters is to maximize business students' career potential by bringing in speakers, sponsoring seminars and workshops, touring companies, and one-on-one counseling sessions dealing with various aspects of career management. The members are eager to identify, pursue and earn a career opportunity with their number one choice of an employer.

Professional Organizations to Consider

CompTIA

CompTIA, the world's leading tech association, is a thought leader and an action leader. From our IT professional association to our leading certification programs, from our original research to our member communities and councils, our unparalleled programs set industry standards, foster skills development and generate knowledge and insight every day.

(<https://www.comptia.org/about-us>)

Information Systems Security Association International

ISSA is the community of choice for international cybersecurity professionals dedicated to advancing individual growth, managing technology risk and protecting critical information and infrastructure. The Information Systems Security Association (ISSA)® is a not-for-profit, international organization of information security professionals and practitioners. It provides educational forums, publications, and peer interaction opportunities that enhance the knowledge, skill, and professional growth of its members.

(<https://www.issa.org/about-issa/>)

Project Management Institute

Project Management Institute (PMI) is the world's leading association for those who consider project, program or portfolio management their profession. Through global advocacy, collaboration, education and research, we work to prepare more than three million professionals around the world for the Project Economy: the coming economy in which work, and individuals, are organized around projects.

(<https://www.pmi.org/about>)