

# Information Systems

The academic programs offered by Loyola University Chicago's School of Business Administration (SBA) are made stronger by our dynamic location in the heart of Chicago, near jobs and internships. The SBA's outstanding reputation and its connections to world-class enterprises help its graduates secure competitive positions with businesses, corporations, foundations, and other organizations. In addition to internships, students interact with Chicago's leading businesses and not-for-profits through guest speakers, special events, and service opportunities.

Located off North Michigan Avenue, Chicago's Magnificent Mile, Loyola's Water Tower Campus (WTC), home to the SBA, continues to expand living and learning opportunities for students. The newest campus addition is the 25-story Rev. Raymond C. Baumhart, S.J., Residence Hall and Terry Student Center, featuring a state-of-the-art fitness center, study lounge, food court, outdoor terrace, wireless access, and more. Other recent WTC developments include the opening of the Loyola University Museum of Art, new retail stores, and cafés. The Clare at Water Tower, a high-rise continuing care retirement community, is scheduled to open in early 2009 and will house several of Loyola's academic programs.

For more information about what's new at Loyola, visit [LUC.edu/undergrad/new.shtml](http://LUC.edu/undergrad/new.shtml).

*At top right: The Sears Tower, Chicago's most recognizable building, enhances the city skyline.*



## THE MAJOR

### *BBA in Information Systems*

Loyola University Chicago's program in information systems prepares students for a professional career in this dynamic field by incorporating extensive general knowledge in information systems and operations management.

The curriculum responds to the rapidly changing role of information technology in the business environment. Courses in the program cover industry topics including: object-oriented programming, systems analysis and design, and relational database management systems. The Loyola student network provides students with access to current systems development environments including: C++, Visual J++, Java, Dreamweaver, and Oracle.

## CAREER OPPORTUNITIES

Students who major in information systems will be prepared for professional positions in all types of business organizations. Typical jobs include business analyst as well as positions in the areas of end-user support, database development and maintenance, telecommunications, and network support. Students are encouraged to participate in the internship program, which provides practical work experience.

[CONTINUED]



*Preparing people to lead extraordinary lives*

## CAREER OPPORTUNITIES

### [CONTINUED]

The city of Chicago is the third largest high-tech center in the U.S., offering many exciting job opportunities for information systems majors. The following companies have hired many recent department majors for a variety of positions in information systems:

- Accenture
- Allstate Insurance Co.
- Coremark
- Chicago Tribune
- Freddie Mac
- Grant Thornton LLP
- Hewitt Associates
- Loyola University Museum of Art
- Morningstar
- The Revere Group
- Walgreens

According to statistics gathered by Loyola's Business Career Center, the average annual starting salary for information systems majors is \$47,000.

## BUSINESS CAREER CENTER AND INTERNSHIPS

Loyola's Business Career Center helps School of Business Administration (SBA) students find internships and jobs, learn job search and interviewing skills, and get coaching to make informed and satisfying career decisions. In addition, the Business Career Center helps Chicago companies meet their recruiting needs.

The SBA enables full-time junior and senior undergraduates to earn academic credit for an internship, while also giving them valuable on-the-job experience. Some interns get paid in addition to or instead of receiving college credit. In 2006 - 2007, paid information systems interns earned an average of \$11 per hour.

## THE SCHOOL OF BUSINESS ADMINISTRATION

Loyola's School of Business Administration is fully accredited by the Association to Advance Collegiate Schools of Business (AACSB), a distinct advantage for graduates seeking employment. The School of Business Administration is dedicated to Loyola's Jesuit tradition of educating responsible leaders for a rapidly changing global business environment. Class sizes are moderate, and students enjoy substantial personal attention from their professors. Virtually all faculty members have the highest degree in their respective fields and are qualified to teach courses in both the undergraduate program and in the Graduate School of Business.

Many business students choose to study abroad while they earn Loyola credit. The most popular destination is Loyola's John Felice Rome Center in Italy, an actual American campus in the heart of Western Europe. The newest study abroad option, the Beijing Center for Chinese Studies, is located just 15 minutes from the center of the city and provides students with a comprehensive education about China. Students may also select from any of Loyola's more than 70 study abroad programs in 32 countries, including opportunities in Europe, Africa, Latin America, Australia, and more.

## FIVE-YEAR PROGRAM

Undergraduate students who also fulfill **Graduate Admission requirements** may earn both a Bachelor of Business Administration (BBA) with a concentration in information systems and a Master of Science in Information Systems Management (MSISM) in as little as five years.

The MSISM degree program provides students with the technical and managerial skills necessary to succeed in leadership roles related to the management of information systems in business organizations.

## STUDENT BUSINESS ORGANIZATIONS

Loyola offers its students the opportunity to participate in business organizations and honor societies. These groups provide students with leadership experience, a chance to network with other students and professionals in the field, and a forum to discuss current issues. These organizations may also sponsor service opportunities and help students learn about internship opportunities. For more information about these groups, please visit [LUC.edu/sba/resources.shtml](http://LUC.edu/sba/resources.shtml).

Of particular interest to the information systems major is the following business club:

- **ISOM Club**—Open to all students who have an interest in information systems or operations management.

## THE FACULTY

---

**Frank Forst, PhD**, University of Illinois

**Faruk Guder, PhD**, University of Wisconsin–Madison

**Gezinus Hidding, PhD**, Carnegie Mellon University

**Nenad Jukic, PhD**, University of Alabama

**Frederick Kaefer, PhD**, University of Iowa

**Ronald Kizior, PhD**, University of Notre Dame

**Mary Malliaris, PhD**, Loyola University Chicago

**John Nicholas, PhD**, Northwestern University

**Maciek Nowak, PhD**, Georgia Institute of Technology

**Samuel D. Ramenofsky, PhD**, University of Oklahoma

**James Zydiak, PhD**, Northwestern University

## REQUIREMENTS FOR THE BACHELOR OF BUSINESS ADMINISTRATION (BBA)

---

In addition to fulfilling the Core Curriculum requirements, business majors must complete:

### Business Courses

Students must complete 13 courses to develop a solid understanding of all areas of business. These courses include: two accounting courses, three economics courses, and one course in each of the following areas: computer concepts and applications, legal and regulatory environment of business, finance, marketing, human resource management, strategic management, operations management, and statistics.

### A Major

To earn a business degree, students must complete at least one of the following majors: accounting, economics, entrepreneurship, finance, human resource management, information systems, international business, management, marketing, operations management, and sport management.

## MINOR

---

Students who are pursuing other majors but who wish to expand their skills in this field may pursue a minor in information systems. The requirements are: Information Systems and Operations Management (ISOM) 247; two courses from the following: Accounting (ACCT) 201, Economics (ECON) 201 or 202, Marketing (MARK) 201, or Management (MGMT) 201; followed by three 300-level information systems courses. For more information about this minor, see [LUC.edu/sba/minors.shtml](http://LUC.edu/sba/minors.shtml).

## INFORMATION SYSTEMS COURSES (ISOM)

---

- 247** Computer Concepts and Applications
- 346** Database Management Systems
- 347** Systems Analysis and Design
- 349** Project Management
- 350** Internship Program (elective credit only)
- 370** Structured Programming in Java
- 393** Requirements Analysis and Communication
- 395** Independent Study
- 397** Web Site Planning and Design
- 398** Telecommunications for Managers
- 399** Selected Topics in Information Systems

## TRANSFER CREDIT

---

The School of Business Administration (SBA) will allow program transfer credit for business courses taken elsewhere at the lower-division level provided such courses are also offered at the lower-division level at Loyola. These lower-division level courses are stipulated by the Association to Advance Collegiate Schools of Business (AACSB), the business school accreditation agency, as follows:

- Principles of Accounting (six credit hours)
- Cost Accounting (three credit hours)
- Principles of Economics: Macro and Micro (six credit hours)
- Principles of Marketing (three credit hours)
- Business Statistics (if college algebra is required as a prerequisite) (three credit hours)
- Law and the Regulatory Environment of Business (three credit hours)
- Managing People and Organizations (three credit hours)

Loyola's upper-division requirements in finance, intermediate economics, human resources management, strategic management, and operations management will not be satisfied by courses taken elsewhere at the lower-division level or without junior or senior standing. Students transferring as juniors or seniors may be allowed to transfer credit after successful completion of an upper-division course taken at another institution if SBA deems that the subject matter is congruent to a corresponding Loyola course.

## CORE CURRICULUM

- Focuses on desired knowledge, skills, and values in addition to academic disciplines.
- Includes 45 credit hours of coursework, developing important skills through 10 required areas of knowledge:
  - Important skills include: communication, critical thinking, ethical awareness, information literacy, quantitative and qualitative analysis, research methods, and technological literacy.
  - Required areas include: college writing seminar, artistic knowledge and experience, historical knowledge, literary knowledge, scientific literacy, societal and cultural knowledge, philosophical knowledge, theological and religious studies, and ethics.
- “Values Across the Curriculum” requirements:
  - 12 credit hours completed through the Core, major, or electives, focusing on:
    - Understanding and promoting justice
    - Understanding diversity in the United States and the world
    - Understanding spirituality or faith in action in the world
    - Promoting civic engagement or leadership
- Makes up about one-third of a student’s Loyola academic experience, complemented by the major and electives.
- Incorporates great flexibility with myriad courses from which to choose for each required area. Courses may be completed at any time during a student’s Loyola education.

**For more information, please visit [LUC.edu/core](https://luc.edu/core).**

### LOYOLA UNIVERSITY CHICAGO

Undergraduate Admission Office  
820 N. Michigan Avenue, Chicago, Illinois 60611  
**Phone: 800.262.2373**  
**E-mail: [admission@luc.edu](mailto:admission@luc.edu)**  
**Web site: [LUC.edu/undergrad](https://luc.edu/undergrad)**

### FOR MORE INFORMATION

Assistant Dean, Undergraduate Program  
School of Business Administration  
Loyola University Chicago  
1 East Pearson  
Chicago, Illinois 60611  
**Phone: 312.915.6113**  
**E-mail: [sba-undergrad@luc.edu](mailto:sba-undergrad@luc.edu)**  
**Web site: [LUC.edu/sba](https://luc.edu/sba)**

To access this and other undergraduate program brochures—and any updated information—please visit [LUC.edu/undergrad/academics](https://luc.edu/undergrad/academics).