INFORMATION SYSTEMS MINOR

Students who wish to expand their skills in information systems may pursue a minor in this field. The minor in information systems management provides excellent foundational knowledge of applications, data and systems used in business and nonprofit organizations.

The minor in information systems is designed to increase job opportunities and enhance your career path, regardless of your primary major. When it is combined with a liberal arts major, students gain a better understanding of the role of information systems in business and technology, particularly data management and project management systems.

Related Programs

Major

- Information Systems and Analytics (BBA) (https://catalog.luc.edu/undergraduate/business/information-systems-bba/)

Minor

- Accounting Information Systems Minor (https://catalog.luc.edu/undergraduate/business/accounting-information-systems-minor/)

Curriculum

The Information Systems minor requires the following credit hours for completion:

- Quinlan students require 9 credit hours (see footnote below)
- Non-Quinlan students require 18 credit hours

Code	Title	Hours
Required Courses		
INFS 247	Business Information Systems [1]	3
Select two of the following: [1]		6
ACCT 201	Introductory Accounting I	
ECON 201	Principles of Microeconomics	
or ECON 202	Principles of Macroeconomics	
MARK 201	Principles of Marketing	
MGMT 201	Managing People and Organizations	
INFS 346	Database & Data Warehousing Systems	3
Electives		
Select two of the following:		6
INFS 336	Global Perspectives on Digital Business	
INFS 347	Systems Analysis & Design	
INFS 348	Advanced Data Analytics	
INFS 360	Data Visualization & Business Intelligence	
INFS 394	Programming in Python	
INFS 395	Independent Study in Information Systems	
INFS 397	VBA Programming with MS Office	
INFS 399	Special Topics in Information Systems	
ISSCM 349	Project Management	
ISSCM 393	Requirements Analysis and Communication	

COMP 170	Introduction to Object-Oriented Programming	
Total Hours		**18**

[1] Quinlan Business Core courses - not included in 9 credits toward minor for Quinlan students.

Suggested Sequence of Courses

The below sequence of courses is meant to be used as a suggested path for completing coursework. An individual student's completion of requirements depends on course offerings in a given term as well as the start term for the minor. Students should consult their advisor for assistance with course selection.

Course	Title	Hours
Year 1		
Fall		
INFS 247	Business Information Systems	3
	Hours	**3**
Spring		
200-level Business Principles course		3
	Hours	**3**
Year 2		
Fall		
INFS 346	Database & Data Warehousing Systems	3
	Hours	**3**
Spring		
200-level Business Principles course		3
	Hours	**3**
Year 3		
Fall		
INFS Elective		3
	Hours	**3**
Spring		
INFS Elective		3
	Hours	**3**
	Total Hours	**18**

Important Details

At the discretion of the Quinlan School of Business, a maximum of one transfer course (https://www.luc.edu/quinlan/academics/studentresources/undergraduate/transfercredit/) taken prior to matriculating at Loyola University Chicago may be allowed to satisfy minor requirements. A 2.0 average GPA is required for all attempted business courses. (BA in Economics students must also earn a 2.0 average GPA for all attempted Economics courses).

Quinlan students are limited to double dipping once (that is, counting one course twice) between any major or minor combination, regardless of what program the major or minor is taken in. Non-Quinlan students are limited to double dipping twice (that is, counting two courses twice) between business school minors and/or their respective majors.

Students planning to study abroad are encouraged to meet with their academic advisor early in the planning stage. A student will be permitted to take up to two approved courses in any Quinlan major or minor (and

including BA Economics majors). All study abroad courses must be reviewed through the Study Abroad Office course approval process.

Undergraduate Policies and Procedures

Please see Undergraduate Policies and Procedures (https://catalog.luc.edu/academic-standards-regulations/undergraduate/) for academic policies that supersede those of academic units within the University.

Learning Outcomes

- Approaches to organizing, analyzing, and visualizing business data
- Integrating values and ethics into data analysis and information systems projects and solutions
- Develop skills in one or more programming languages used in the current business environment