

COMPUTER INFORMATION SYSTEMS

COLLEGE OF ARTS + SCIENCES



COURSES

In addition to completing an internship for practical experience, our program's curriculum links core courses from computer science and management science for a solid foundation in information systems. Here's a sample of what you can expect to learn and do:

Information Systems Theory & Practice

This course provides an understanding of information systems and outlines the concepts of how I.S. can provide a competitive advantage. Different systems are presented. Design and implementation are discussed. Effect on business and society is studied.

Introduction to Programming I

This course is an introduction to concepts and terminology in computer programming, including interface builders and problem-solving techniques in various programming environments. Emphasis is placed on the basics of software design and on elementary applications to mathematics and other disciplines.

Introduction to Relational Databases

This course introduces the concepts and terminology of databases. The concepts discussed during the lectures are illustrated by a number of hands-on exercises based on the Access 2000 database software.

Computer Organization

This course introduces the topics of digital logic, digital systems, machine-level representation of data, assembly-level machine organization, memory system organization, I/O, and communication.

NOT LONG AGO, having computational power in your pocket was science fiction. And now, our paradigm is on the verge of shifting as we explore alternative systems such as quantum computing. You're part of the generation that will change everything. No matter what area of the field you're interested in pursuing, the world will need people like you. At Loyno, we'll give you the tools you need to speak that language, to be an architect and innovator, so that you can plan, create, deploy, analyze, and improve the systems on which the world runs—and make a career out of blowing our minds.

Possible Careers:

- Software engineer
- Systems engineer
- Web designer
- Web developer

ATTENDING LOYOLA means being in the heart of New Orleans. Our campus is located in the city's historic Uptown neighborhood, just a short drive from the Central Business District, the city's hub of innovation and strategic thinking. You'll learn to hone your talents in the city named #1 new brainpower city in America and the #5 city in the U.S. for women in tech.