

# PLAN YOUR MAJOR

## Information Systems (INSY)

MARQUETTE UNIVERSITY  
BUSINESS

The Information Systems major provides students with an understanding of the important interactions between technology, organizations and people. Students learn and apply technical, analytical and communication skills and knowledge to solve problems and help organizations create value, manage business processes and enhance productivity.

### INTRO CLASS TO MAJOR:

**INSY 3001 INTRODUCTION TO INFORMATION SYSTEMS** Prereq: Soph. stndg.

### MAJOR COURSE REQUIREMENTS (27 credits) :

- **INSY 4051 BUSINESS APPLICATIONS DEVELOPMENT** Prereq: INSY 3001
- **INSY 4052 DATABASE MANAGEMENT SYSTEMS** Prereq: INSY 3001 **A**
- **INSY 4158 SYSTEMS ANALYSIS & DESIGN** Prereqs: Two from: INSY 4051, INSY 4052, INSY 4053, INSY 4054 or INSY 4055

### TWO OF THE FOLLOWING

- **INSY 4053 PROJECT MANAGEMENT** Prereq: INSY 3001 or cons. of instr.
- **INSY 4054 EMERGING TECHNOLOGIES OR INSY 5054**  
Prereqs: INSY 3001; and INSY 4051 or other programming course with cons. of instructor
- **INSY 4055 WEB-BASED APPLICATIONS** Prereq: INSY 4051 or COSC 1010 or cons. of instructor
- **INSY 4056 INFORMATION SYSTEMS GOVERNANCE OR INSY 5056**  
Prereq: INSY 3001 or ACCO 4050; Jr. stndg.
- **INSY 4156 PRIVACY AND SECURITY OR INSY 5156** Prereq: INSY 3001 or ACCO 4050.
- **INSY 4540 GLOBAL TECHNOLOGY EXPERIENCE OR INSY 5540**  
Prereqs: INSY 3001 and cons. of instructor
- **INSY 4931 TOPICS IN INFORMATION SYSTEMS OR INSY 5931**  
Prereq: Jr. stndg.

### FOUR ADDT'L UPPER DIVISION BUSINESS ELECTIVES\*

(3000/4000 level business courses) \*replace with another business major's Requirements and Electives if applicable

### KEY:

**Bold Course** = Option in Spring 2025

**A** = Analytical Structured Elective

### INFORMATION SYSTEMS CONTACTS:

#### General Inquiries

*Dr. Terence Ow*

#### Student Organization

Information Technology Student Association (ITSO):

*Caleb Sharer*

### LINKS:



MAJOR OVERVIEW



BULLETIN