



Management Information Systems (MIS)

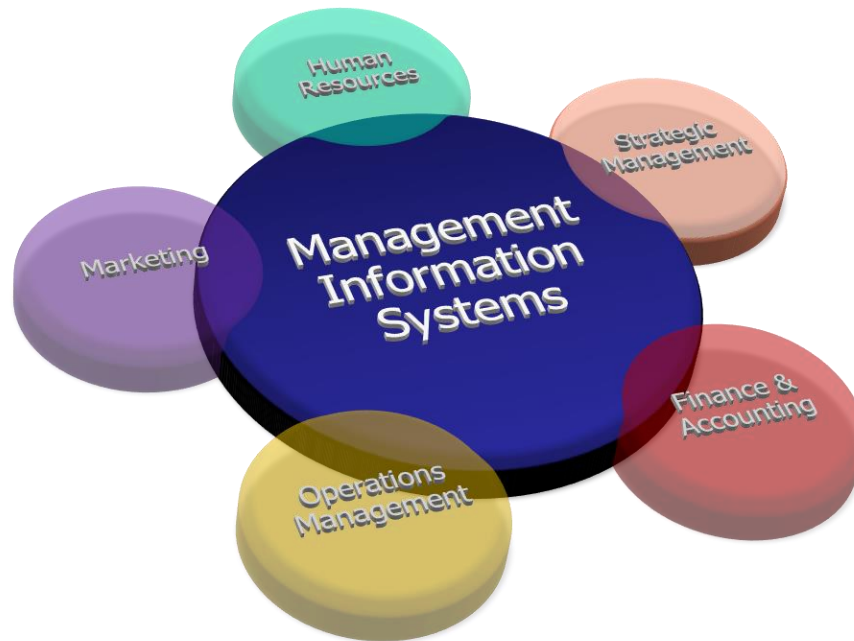
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Management Information Systems (MIS)

- Operates at the intersection of **business & information technology**
- Helps organizations **solve business problems & pursue business opportunities** using information technology
- Focuses on the **informational** component of business products, services or processes

MIS is central to business



Business functions need information.
MIS professionals deliver it.

MIS bridges business & technology



Business processes need information technology.
MIS professionals deliver it.

MIS is about technology for business

	MIS	CIS	CPS
Focus	Business	Software	Technology
Objective	More efficient or effective business	Reliable computer program	Better computer technology
Core task	Determine business requirements for information systems	Deliver information systems to meet defined requirements	Design software and hardware tools needed to meet requirements
Starting job title	Business systems analyst	Application Programmer	System Programmer or Chip Designer
Career goals	Senior organizational manager	Programming manager	Manager or architect of particular technology



MIS majors learn how to...

- Work with **people & information technology**
- Use **consulting skills** to **serve organizations**
- Bridge between **technology & business**
- Create and implement **business solutions** using **information technology**



MIS majors study interesting things...

- Business Core Courses
 - Accounting
 - Marketing/Management
 - MIS/Operations
 - Economics/Finance
- MIS Core Courses
 - Database
 - Systems Analysis & Design
 - Project Management
 - Optional choices within the curriculum
 - Business Intelligence
 - Cyber Security
 - Other majors/minors in our department or the SBA

MIS majors do interesting things with what they learn...

- MIS Senior Project
 - Live Consulting Project
 - Supervised by Faculty
 - Live Clients; Real Issues
- Recent Senior Project Firms
 - Caresource
 - Mikesells
 - Teradata
 - UC Health System
 - Paycor
 - Dayton Power & Light
 - Premier Health Partners
 - Speedway

MIS graduates earn great pay

(Starting salary for recent UDMIS grads, from SBA data)

Year	2014	2015	2016	2017
Low	41,000	30,000	40,000	47,000
High	63,000	61,500	73,000	82,000
Average	54,050	51,625	58,454	58,500

Historically, MIS starting salaries have been among highest in SBA.

A study by Temple university has the national average MIS starting salary at \$57,817 (higher than most business majors). The national average salary for IS graduates and placement rate at graduation as 80%.

MIS graduates work for great firms

(MIS entry-level position placements)

P&G

Cincinnati Bell™

accenture

NCR



Nationwide®
On Your Side™

PRICEWATERHOUSECOOPERS

TERADATA

Raising Intelligence

Fifth Third Bank

BF Goodrich®
Tires



GE Money
UNITED STATES

PROGRESSIVE

SOGETI



GE
Aviation

ETHICON
a Johnson & Johnson company

KeyBank



UNIVERSITY of

DAYTON

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MIS graduates fill many roles

(Entry-level job titles)

- Business Analyst
- Business IT Consultant
- Systems Analyst
- Business IT Development Project Leader
- Database Administrator
- Systems Developer
- Database Analyst
- Web Developer
- Network Administrator
- Technical Support Specialist
- Information Security / IT Audit Specialist



MIS graduates have opportunities for advancement in business

- Information Systems Manager
- Director of Information Systems
- Chief Information Security Officer (CISO)
- Chief Information Officer (CIO)
- Chief Technology Officer (CTO)
- Chief Executive Officer (CEO)



MIS is a great second major or minor...

- MIS goes very well with...
 - Accounting
 - Finance
 - Marketing
 - Operations
 - Entrepreneurship
- ...and others...
- MIS Major
 - Designed for flexibility
 - Facilitates double-majors & minors
- MIS Minor
 - Also designed for flexibility
 - Fewer additional hours for business majors



How do I learn more...

- Enroll in MIS 220
 - One credit hour
 - Five week course in Fall and Spring terms
 - Meets once per week, scheduled in evenings
 - Usually on Mondays mid-semester
 - Field trips and dinner for students
 - Pass/Fail grading
 - Contacts
 - Jay Prasad – prasad@udayton.edu (Fall 17)
 - Dave Salisbury – salisbury@udayton.edu (Spring 18)
 - Steve Hall – shall2@udayton.edu



UDMIS faculty contacts

■ Faculty

- Dr. Harv Enns – enns@udayton.edu
- Mr. Steve Hall – shall2@udayton.edu
- Dr. Merete Hvalshagen - mhvalshagen1@udayton.edu
- Dr. Jay Prasad – prasad@udayton.edu
- Dr. Roopa Raman – rraman1@udayton.edu
- Dr. Dave Salisbury – salisbury@udayton.edu
- Dr. Donald Wynn – wynn@udayton.edu

■ Student Involvement & Annual Events

- UD MIS Club
- MIS professional networking lunches & receptions
- MIS Senior Project day



Still looking?

- Consider UDMIS –
 - Solve business problems
 - Work with people and technology
 - Learn all aspects of how businesses work
 - Apply what you learn in real settings
 - ...and be well-paid to do so



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