



# Management Information Systems (MIS)

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# Management Information Systems (MIS)

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



## MIS majors learn how to...

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

# MIS majors are exposed to **all aspects** of business **and** MIS...

- Business Core Courses
  - Accounting
  - Marketing/Management
  - MIS/Operations
  - Economics/Finance
- MIS Core Courses
  - Database
  - Systems Analysis & Design
  - Project Management
  - Focused emphases
    - Business Intelligence
    - Business Systems Development



# MIS majors **apply** what they learn...

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- MIS Senior Project
  - Consulting Project
  - Live Clients; Real Issues
- Recent Senior Project Firms
  - Fifth/Third Bank, NCR
  - ThreeWitt (free wings!!)
  - Ball Aerospace
- Internships, Summer Jobs, etc.

# MIS graduates earn great pay

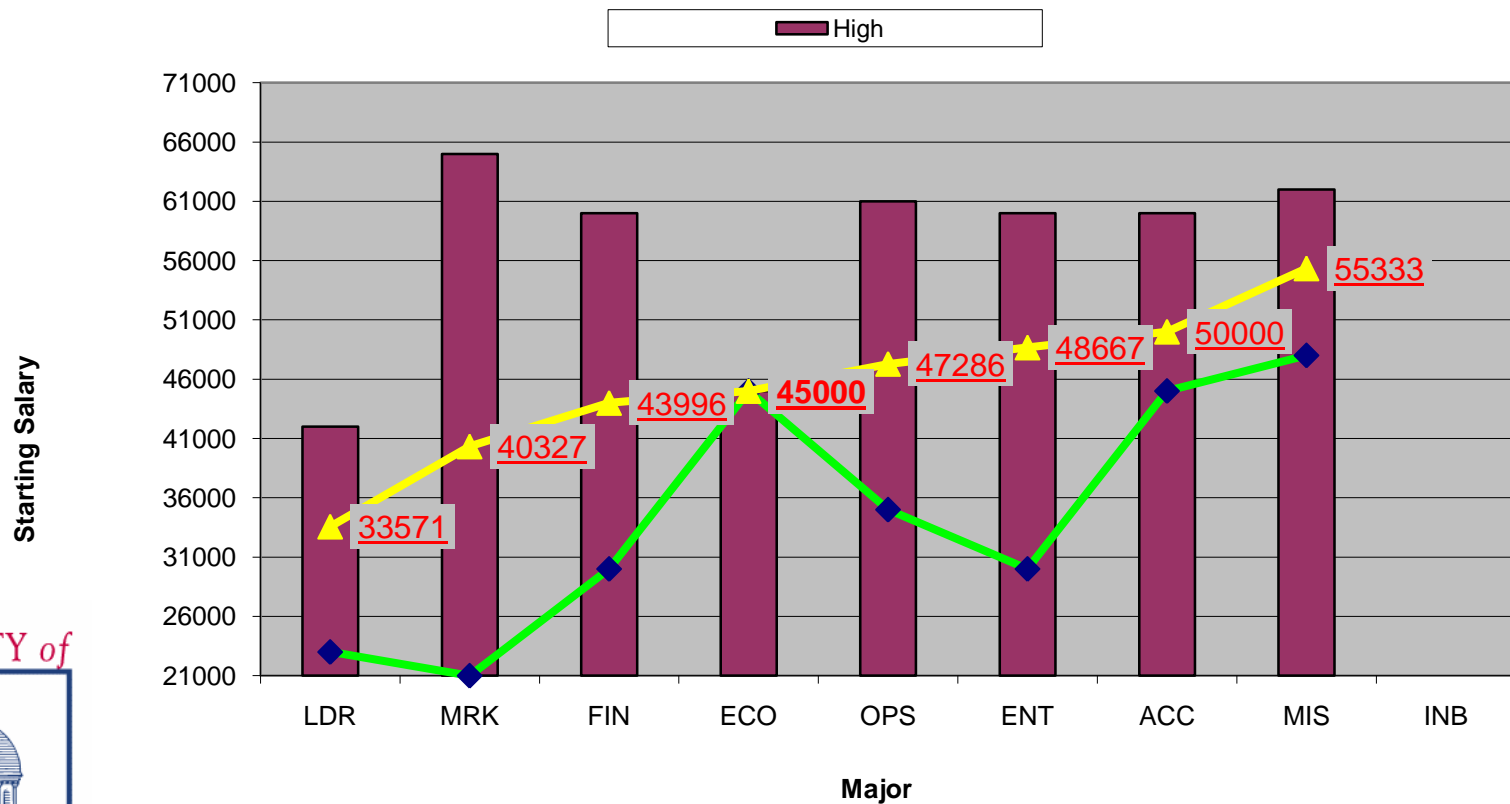
(Starting salary/placement % for recent UDMIS grads\*)

Year	2007	2008	2009
<b>High</b>	<b>\$60,000</b>	<b>\$66,000</b>	<b>\$62,000</b>
<b>Average</b>	<b>\$47,917</b>	<b>\$53,600</b>	<b>\$55,333</b>
<b>Rank (in SBA Placement %)</b>	<b>1</b>	<b>2</b> <b>ACC was 1</b>	<b>1</b>

# MIS graduates earn great pay

(Starting salaries for 2009 UD grads as of May, 2009\*)

SBA Starting Salaries 2009 Grads



\*Source: UD SBA Exit Surveys.

# MIS graduates work for great firms (MIS entry-level position placements)



**P&G**

**Cincinnati Bell™**

**accenture**



**Nationwide®**  
*On Your Side™*

PRICEWATERHOUSECOOPERS 

**TERADATA**

*Raising Intelligence*

**5/3 Fifth Third Bank**

**BF Goodrich®**  
Tires



**GE Money**  
UNITED STATES

**PROGRESSIVE®**



GE  
Aviation

**ETHICON**  
a Johnson & Johnson company

**KeyBank**



**National City**

UNIVERSITY of  
  
**DAYTON**

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# MIS graduates fill many roles

(Entry-level job titles)

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- 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

# MIS graduates have opportunities for advancement in business

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



# MIS is a great second major or minor...

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- MIS goes very well with...
  - Accounting
  - Finance
  - Marketing
  - Operations
  - Entrepreneurship
- ...and others...
- MIS Major
  - Focused tracks
    - Business Intelligence
    - Business Systems Development
  - Facilitates double-majors
- MIS Minor
  - Redesigned for flexibility
  - Fewer additional hours for business majors

# How Do I Learn More...

- Enroll in MIS 220...
  - **Credit Hours:** 1
  - **Dates:** Jan. 11, 2010 - Feb. 15, 2010
    - Five Monday's in a row
  - **Time:** 4:30 - 8:30 p.m.
  - **Format:** Field Trips & Free Food
  - **Grading:** Pass/Fail
  - **Contact:** Dr. Tom Ferratt – [ferratt@udayton.edu](mailto:ferratt@udayton.edu)

# How Do I Learn More (cont.) .....

## ■ Faculty

- Dr. Harvey Enns – [enns@udayton.edu](mailto:enns@udayton.edu)
- Dr. Tom Ferratt – [ferratt@udayton.edu](mailto:ferratt@udayton.edu)
- Dr. Jay Prasad – [prasad@udayton.edu](mailto:prasad@udayton.edu)
- Dr. Dave Salisbury – [salisbury@udayton.edu](mailto:salisbury@udayton.edu)
- Dr. Charles Wells – [wells@udayton.edu](mailto:wells@udayton.edu)
- Dr. Donald Wynn – [wynn@udayton.edu](mailto:wynn@udayton.edu)

## ■ Student Involvement & Annual Events

- UD MIS Club
- MIS professional networking reception
- MIS senior project day



If you still haven't found what your  
looking for...

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- Consider MIS - so that you can:
  - Solve business problems
  - Work with people & technology
  - Learn all aspects of business
  - Apply what you learn
  - Receive very good compensation



## How Do I Learn More (cont.) .....

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