

Explore a career in

# Information Systems

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## WHAT IS INFORMATION SYSTEMS?

- The art of applying information technology to enhance productivity, efficiency and effectiveness of business processes
- Companies need the skills offered by information systems majors to help them design, implement and manage the systems that support their operations, management and decision making functions
- Every area of business depends on technology; info systems can also be used to help increase revenue and provide a competitive edge
- The objective is to enhance productivity by improving the efficiency and effectiveness of business processes
- Computers and other information technologies are the technical foundations or the tools of information systems

## PREPARATION

- Both technical skills and knowledge of business process and practice are needed by an info systems professional to effectively work
- The field blends organizational and managerial concerns with the study of information technologies

## CAREERS

**Technical:** Create or assist in the creation of technology products (software). These jobs include programming, database engineering, operations (computer hardware) etc.

**Analysis:** Interpret the technology. This is mainly what the business users would like the technology to do. These jobs include systems analyst and business analyst.

**Consulting:** Apply the analytical and problem solving features of IS with the knowledge of systems and programming; functions as part of a team of consultants

**Database and information systems management:** Function within a company, agency or organization to manage the various databases and systems where information is collected, stored, processed, retrieved and used; working with the people who access the information

**Systems analysis, design and management:** Help to design the systems that manage the information

## HIRING COMPANIES (sampling of companies)

Accenture • Battelle • Deloitte • EY • JPMorgan Chase & Co. • KPMG  
Marathon Petroleum LLC • Nationwide • Nielson • Oracle • PwC

7<sup>th</sup>

ranked public  
undergraduate  
business  
program

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\$73,803

average MIS  
starting salary

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\$20

per hour  
average  
internship pay



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# ACTION STEPS FOR STUDENTS EXPLORING SPECIALIZATIONS

## TALK TO PEOPLE

Informational interviewing is a method of career exploration and a way of discovering jobs not publicly advertised. It is not the same as a job interview. Informational interviews allow you to gain “inside information” regarding career paths, alternate careers that will use your skills, and people to contact who may be looking for an employee like you..

## PEER CAREER COACHES

Meet with a Peer Career Coach in the Office of Career Management and Peers Advisors in the Undergraduate Programs Office. They are students who are happy to talk with you and answer questions about their experience in selecting a specialization.

## GET INVOLVED

Student organizations are a great way to meet new people (alumni, employers, and peers) and to learn about specializations. There are over 30 student organizations in Fisher.  
[fisherosu.campuslabs.com/engage/](http://fisherosu.campuslabs.com/engage/)

## REVIEW JOB DESCRIPTIONS IN HANDSHAKE OR ON COMPANY WEBSITES

Job descriptions help you learn what skills and qualifications employers are seeking in candidates and the type of information you will be learning in a specialization.

## CAREER EXPLORATION BY ACADEMIC SPECIALIZATION POWERPOINTS

Each presentation covers career areas, sample job titles, career path, companies that hire this major, salary information, professional organizations and more.  
[fisher.osu.edu/offices/career-management/undergraduate-students/explore-careers](http://fisher.osu.edu/offices/career-management/undergraduate-students/explore-careers)

## CHECK OUT THE "FROM ORIENTATION TO GRADUATION" BLOG

The blog features student interns who post notes about their initial steps into the business world, the challenges they face, and how they are applying their classroom theories and extracurricular activities to practice. The blog also offers career related tips and advice throughout the year.  
[fisher.osu.edu/blogs/ug-career-mgmt](http://fisher.osu.edu/blogs/ug-career-mgmt)

## ENROLL IN BUSINESS ADMINISTRATION 2600 (offered in Spring semesters)

This is a speaker series course with a focus on business enrichment. This class is structured to benefit freshmen and sophomores who are exploring the many fields of business study. During the course a variety of business and community leaders share their personal and professional life stories with a focus on their own challenges and successes.

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**Learn more at:**  
**[go.osu.edu/FisherAcademics](http://go.osu.edu/FisherAcademics)**



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