INFORMATION SYSTEMS

Fisher College of Business
Undergraduate Specialization
What is Information Systems?

The art of applying information technology to enhance productivity, efficiency and effectiveness of business processes by designing, implementing and managing the systems that support their operations, management and decision making functions.
General Preparation for Information Systems

- Both technical skills and knowledge of business process and practice are needed

- The field of information systems is unique by blending organizational and managerial concerns with the study of information technologies
Information Systems Career Overview

• By many accounts, the information technology industry (broadly defined) is the largest and fastest-growing industry in the world, and there are vast opportunities within it for career mobility and advancement.

• Numerous opportunities for employment exist within information systems departments and systems support groups in all kinds of organizations for programmers, systems analysts, application development consultants, liaisons with users, database administrators, and information systems managers.
Career Paths Within IS

**Consulting**
Applying 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**
Functioning 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**
Helping to design the systems that manage mass amounts of data
Sample Information Systems Job Titles

- Systems Analyst
- Database Administrator
- Information Systems Manager
- IT Development
- Information Tech Specialist
- IT Integrator
- Business Analyst
- Information Associate
- Management Development Program IS
- Consultant
- Corporate Audit Information Technology Development
Sample Employers

Accenture
EY
General Electric
Johnson & Johnson
JPMorgan Chase & Co.
Nationwide
Oracle Corporation
PolyOne Corporation
PwC
Information Systems Salaries

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Average IS Salaries (2016-2017)

Full-time  $61,505/year
Intern     $3,040/month
Job Outlook for Information Systems

• Employment of computer and information systems managers is projected to grow 21% from 2014 to 2024, much faster than the average for all occupations.

• Growth in cloud computing, cybersecurity, and mobile networks will increase demand for these workers.

• See the Occupational Outlook Handbook for additional information: http://www.bls.gov/oco/
The Information Systems Association at OSU

Information Systems Association (ISA)

The Information Systems Association is dedicated to providing MIS, CIS, and CSE students with opportunities to network with technology professionals, professors, and each other. Built upon this foundation, their goal is to facilitate a smooth transition between academia and the professional world.
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Information Systems Department

Information Systems Specialization Course Information