

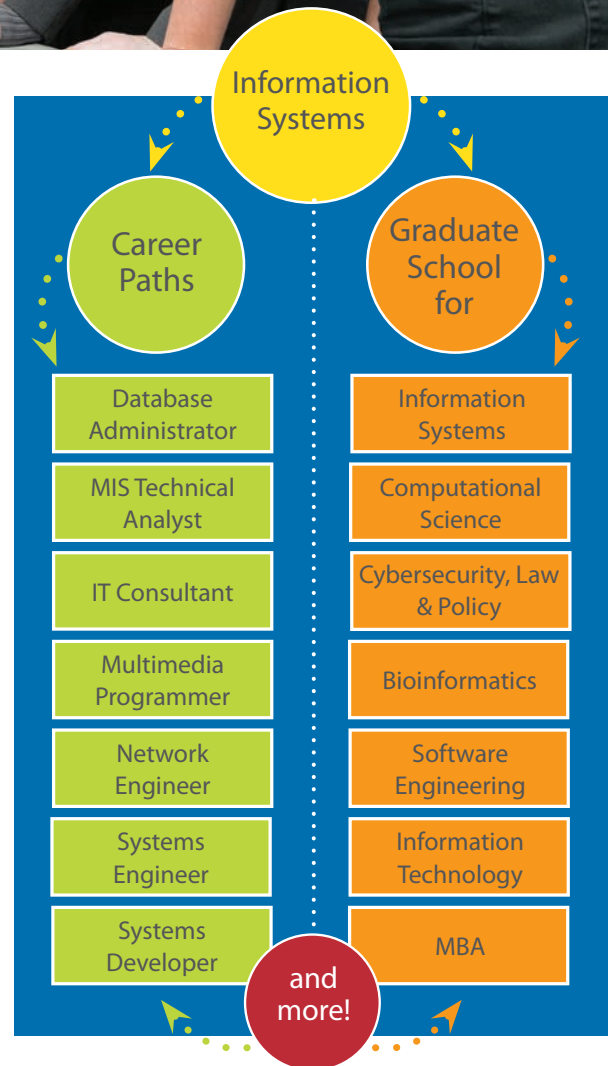


Endless career opportunities

Networks of computers extend human brainpower by creating modes of communication and record keeping that are at once more complex and more convenient than ever before. To be effective, these systems must aid and enhance our business, government and service organizations, which requires a careful understanding of the factors controlling human interactions, as well as the technical potential and limitations of computer systems.

Designed through consultation with business, government, and academic leaders, UD's information systems curriculum is designed to satisfy demand for students with a combination of technical and business training. The information systems major is oriented toward students interested in the design of new software systems for business and consumer needs.

Course work includes technological problem solving and project management, as well as a selection of advanced computer science courses designed to prepare students for careers in programming, business telecommunication networks, system development, database systems, and software engineering.





Intense preparation

Students pursuing a degree in information systems must fulfill a set of major courses along with 1) a set of business courses (referred to as the business core) and 2) a set of information systems courses (referred to as the information systems core). The business core emphasizes management and marketing issues. Students are prepared for careers in management and financial matters through courses in accounting, finance, operations management, organizational behavior, and marketing. The information core stresses the use of computing technology in solving business problems.

Course topics you will explore:

- Accounting/Finance
- Operations management
- Organizational behavior
- Marketing
- Programming
- Systems development
- Database systems and more!

Contact us:

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Information Systems Curriculum:

To earn a bachelor’s degree, students must complete 124 credits and meet specific requirements as outlined in the online catalog. See UD Catalog for additional details.

FIRST YEAR

FALL

- EGGG 101 - Introduction to Engineering (FYE)
- CISC 108 - Introduction to Computer Science I
- MATH 241 - Analytic Geometry & Calculus A
- ENGL 110 - Seminar in Composition
- Breadth Requirement Elective 1

SPRING

- CISC 181 - Introduction to Computer Science II
- MATH 210 - Discrete Mathematics I
- Breadth Requirement Elective 2
- General Electives

SECOND YEAR

FALL

- CISC 220 - Data Structures
- CISC 250 - Business Telecommunication Networks
- MATH 205 - Statistical Methods
- ACCT 207 - Accounting I
- Laboratory Science 1

SPRING

- CISC 275 - Introduction to Software Engineering
- ACCT 208 - Accounting II
- Laboratory Science 2
- Breadth Requirement Elective 3
- General Elective

THIRD YEAR

FALL

- BUAD 306 - Operations Management
- ENGL 312 - Written Comm in Business (or)
- ENGL 410 - Technical Writing
- IS Elective Course
- Breadth Requirement Elective 4
- General Elective

SPRING

- CISC 437 - Database Systems
- BUAD 309 - Management & Organizational Behavior
- BUAD 301 - Introduction to Marketing (or)
- FINC 311 - Principles of Finance
- IS Elective Course
- Breadth Requirement Elective 5

FOURTH YEAR

FALL

- COMM 212 - Oral Communication in Business
- CISC 355 - Computers, Ethics, & Society
- MISY 430 - Systems Analysis and Implementation
- IS Elective Course
- General Elective

SPRING

- CISC 475 - Advanced Software Engineering
- MISY 431 - Technological Problem Solving
- MISY 432 - Problem Solving Project Management
- General Electives