

# Management Information Systems (BS)

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*This program is offered by the George Herbert Walker School of Business and Technology/Computer and Information Sciences Department. It is available online, at the St. Louis main campus, Geneva campus and Tashkent campus.*

STEM program

## Program Description

The bachelor of science degree in management information systems integrates technology and business concepts, providing students the knowledge and skills they will need to solve current and future IT related business challenges.

*The BS in Management Information Systems is accredited by the Accreditation Council for Business Schools and Programs (ACBSP).*

## Learning Outcomes

Upon completion of the program, students will be able to:

- Demonstrate mastery of information systems management in the following core areas:
  - Application of information technology solutions.
  - Project management.
  - Data and information management.
  - Core business concepts.
- Write and orally communicate technical material effectively and professionally.
- Apply problem-solving skills and the knowledge of information systems management to formulate solutions.

## Degree Requirements

For information on the general requirements for a degree, see Baccalaureate Degree Requirements under the Academic Policies and Information section of this catalog.

- 57 required credit hours
- Applicable University Global Citizenship Program hours
- Electives

All upper-level (3000 and above) courses must be taken at Webster University.

## Required Courses

- COSC 1550 Computer Programming I (3 hours)
- COSC 1560 Computer Programming II (3 hours)
- COSC 2670 Network Principles (3 hours)
- COSC 2710 Social Engineering and Society (3 hours)
- COSC 2810 Systems Analysis and Design (3 hours)
- COSC 3410 Computer and Information Security (3 hours)
- COSC 3500 IT Project Management (3 hours)
- COSC 4110 Database Concepts (3 hours)
- COSC 4120 Database Applications (3 hours)
- ACCT 2010 Financial Accounting I (3 hours)
- ACCT 2025 Managerial Accounting (3 hours)
- BUSN 2100 Business Communications (3 hours)
- BUSN 4120 Integrated Business Processes and ERP (3 hours)
- BUSN 4140 Configuration of ERP Systems (3 hours)
- ECON 2000 Survey of Economics (3 hours)
- FINC 3210 Principles of Finance (3 hours)
- MNGT 2100 Management Theory and Practices (3 hours)
- MNGT 2500 Marketing (3 hours)
- STAT 1100 Descriptive Statistics (3 hours)