

Management Information Systems AS DEGREE

Program Overview

The Associate in Science Degree in Management Information Systems is designed to provide students with opportunities for immediate employment or for transfer to four-year institutions. The College has developed articulation agreements with four-year institutions to assist students with their transfer goals. See a Transfer Specialist for further information.

Students planning a career in this area should have above average mathematic reasoning and communication skills. Students should exhibit qualities of patience, perseverance, and preciseness, and should enjoy working in a team environment.

Career Opportunities

A management information system degree prepares the student for a career that combines business techniques and computer systems capability. Students study how to provide reporting and analysis using best practices in information technology.

Graduates will find opportunities in the information systems field in business, manufacturing, government and education.

With additional education and experience, students may advance to positions such as Systems Analyst, Software Architect and Business Analyst. Graduates of this program may choose to continue their education at a four-year institution in Management Information Systems or a related field. Others may elect to enter the workforce following graduation.

Program Outcomes

1. Graduates will be able to analyze complex business processes and develop process improvements and comprehensive information system requirements specifications to support them.
2. Graduates will be able to help build and test information systems in an organization.
3. Graduates will be able to utilize accounting and business systems information to develop recommendations for operating cost reduction and improved use of capital investment.
4. Graduates will have a sound understanding of business systems, current technologies, organizational structures, communication tools and critical thinking skills to help guide Management Information Systems success.

Program Faculty

Warren Sheaffer warren.sheaffer@saintpaul.edu

Part-time and Full-time Options

This program can be completed by using a combination of day, evening, and Saturday courses. Part-time and full-time options are available; costs will vary depending on part-time or full-time enrollment.

Program Requirements

Check off when completed

Course	Cr
<input type="checkbox"/> ACCT 2410 Financial Accounting	4
<input type="checkbox"/> BUSN 2110 Principles of Marketing	3
<input type="checkbox"/> BUSN 2450 Management Fundamentals	3
<input type="checkbox"/> CSCI 1410 Computer Science & Information Systems	4
<input type="checkbox"/> CSCI 1450 Web Fundamentals/HTML	4
<input type="checkbox"/> CSCI 1523 Intro to Computing and Programming Concepts	4
<input type="checkbox"/> CSCI 1550 Database Management Fundamentals	4
<input type="checkbox"/> CSCI 2410 Management Information Systems	3
Subtotal	29

General Education/MnTC Requirements

Refer to the Minnesota Transfer Curriculum Course List for each Goal Area

<input type="checkbox"/> Goal 1: Communication	7
ENGL 1711 Composition 1 – 4 cr	
SPCH XXXX – 3 cr	
<input type="checkbox"/> Goal 4: Mathematical/Logical Reasoning	7-8
MATH 1740 Introduction to Statistics – 4 cr	
MATH 1730 College Algebra – 3 cr OR	
MATH 2749 Calculus 1 – 4 cr	
<input type="checkbox"/> Goal 5: History, Social Science and Behavioral Sciences	6
ECON 1720 Macroeconomics – 3 cr	
ECON 1730 Microeconomics – 3 cr	
<input type="checkbox"/> Goals 1-10 of the Minnesota Transfer Curriculum	10-11
Select a minimum of 10-11 additional credits	
Students must select courses from at least six (6) Goal Areas of the Minnesota Transfer Curriculum.	
General Education Requirements	31

Total Program Credits 60

Transfer Opportunities

Saint Paul College has a transfer articulation agreement between the following program and post-secondary institution for the baccalaureate degree program listed below.

For more information please go to www.saintpaul.edu/Transfer.

Management Information Systems AS

- BA Individualized Studies
Metropolitan State University
- BS Management Information Systems
Metropolitan State University
- BS Information Technology
Saint Mary's University-Twin Cities Campus
- BS Computer Information Systems
College of St. Scholastica

*Information is subject to change.
This Program Requirements Guide is not a contract.*

Program Start Dates

Fall, Spring, Summer

Course Sequence

The following sequence is recommended for a full-time student. Not all courses are offered each semester.

First Semester

BUSN 2450 Management Fundamentals	3
CSCI 1410 Computer Science & Info Systems	4
Goal 1: ENGL 1711 Composition 1	4
Goal 4: MATH 1730 College Algebra OR	
MATH 2749 Calculus 1	3-4
Total Semester Credits	14-15

Second Semester

ACCT 2410 Financial Accounting	4
BUSN 2110 Principles of Marketing	3
CSCI 1523 Introduction to Computing and Programming Concepts	4
Goal 4: MATH 1740 Introduction to Statistics	4
Total Semester Credits	15

Third Semester

CSCI 1450 Web Fundamentals/HTML	4
CSCI 1550 Database Management Fundamentals	4
Goal 1: SPCH XXXX	3
Goal 5: ECON 1720 Macroeconomics	3
MnTC Electives	3
Total Semester Credits	17

Fourth Semester

CSCI 2410 Management Information Systems	3
Goal 5: ECON 1730 Microeconomics	3
MnTC Electives	7-8
Total Semester Credits	13-14

Total Program Credits 60

See back of this guide for Course Chart

Minimum Program Entry Requirements

Students entering this program must meet the following minimum program entry requirements:

Reading: Score of 78+ or grade of "C" or better in READ 0722

Writing: Score of 78+ or grade of "C" or better in ENGL 0922

Elementary Algebra: Score of 76+ or grade of "C" or better in MATH 0910

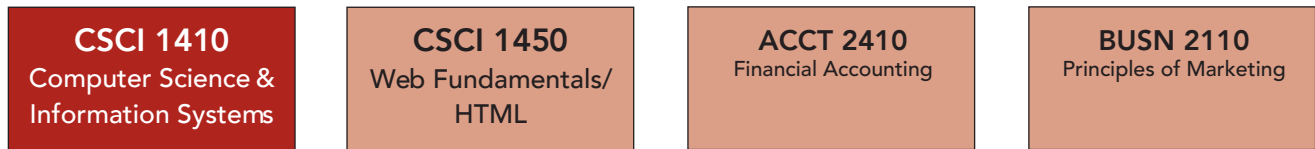
Assessment Results and Prerequisites: Students admitted into Saint Paul College programs may need to complete additional courses based on assessment results and course prerequisite requirements. Certain MATH, READ, and ENGL courses have additional prerequisites.

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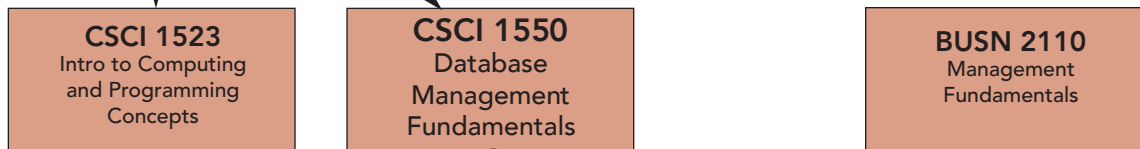
Management Information Systems AS DEGREE *(continued)*
 (29 credits + 31 GenEd credits)

The below chart illustrates the courses required for completion of this degree.

Introductory



Intermediate



Advanced
 (offered once per year)

