# Management Information Systems (BS)

- **Program Prerequisite:** Most business and economics courses with numbers above 3000 require completion of ACTG 2010, ACTG 2020;BSAD 2620, ECON 2010, ECON 2020, MIS 2010, QUAN 2600, and BSAD 2899. These eight courses are referred to collectively as "Business Foundations." (Refer to the John B. Goddard School of Business & Economics Requirements.)
- **Minor:** Not required.
- **Grade Requirements:** Candidates for the bachelor of science degree must complete all prerequisite and required business and economics courses with a grade of "C" or higher. In addition, the cumulative Goddard School (major) GPA must be 2.5 or higher. The WSU grade point average must meet university requirements.
- **Credit Hour Requirements:** A total of 120 credit hours is required for graduation. The required 40 upper-division credit hours (courses numbered 3000 and above) are included in the School and major requirements.
- **Residency Requirement:** Students must satisfactorily complete 50 percent of the total required course work and 60 percent of the upper-division requirements from the Goddard School. Furthermore, any transferred credit must be approved prior to beginning the program of study. Refer to John B. Goddard School of Business & Economics for credit policy and transfer credit policy.
- **Website:** https://weber.edu/business/supply-chain-management-information-systems.html
- **Program Code:** 4045BS
- **CIPC:** 110103

## Advisement

Advisement is strongly encouraged for all Goddard School majors and minors. See more information on available advising resources in the John B. Goddard School of Business & Economics section of this catalog.

Use the Grad MAPs to plan your degree

## General Education

Refer to Degree Requirements for Bachelor of Science requirements. The following courses required for the Management Information Systems major (BS) will also satisfy general education requirements: ENGL 2010 or ENGL 2015 (Composition); MATH 1050 or MATH 1090 (Quantitative Literacy); ECON 2010 or ECON 2020 (Social Science); ECON 1740 is recommended to fulfill the Senate Bill Requirement in American Institutions. MIS 1100, The Digital Society, is recommended to fulfill a general education requirement in Social Science.

## Program Learning Outcomes

- Know how to train people to use complex computer systems
- Be able to install and troubleshoot hardware
- Be capable of implementing software and networks
- Adept at helping management understand and plan for the best new technologies to integrate organization's business processes.

## John B. Goddard School of Business & Economics Requirements

## John B. Goddard School of Business & Economics Curriculum

The program of study within the John B. Goddard School of Business & Economics is designed to assist the students from admission to career placement. All degree programs within the Goddard School follow the same general pattern which is composed of five required elements: (1) Liberal Support Curriculum, (2) Business Foundations, (3) Admission and Major Declaration, (4) Business Core, and (5) Major Discipline.

### 1. Liberal Support Curriculum (6-7 credit hours)

The Liberal Support Curriculum consists of courses outside the John B. Goddard School of Business & Economics which provide critical skills and information useful to all business students. Students should complete the Liberal Support Curriculum as soon as possible because the knowledge attained in these courses will be used throughout the business curriculum.

Complete one of the following English courses:

- ENGL 2010 EN2 - Intermediate College Writing **Credits: (3)**
- ENGL 2015 EN2 - Intermediate College Writing & Research **Credits: (4)**

Complete one of the following Math courses:

- MATH 1050 QL - College Algebra **Credits: (4)**
- MATH 1090 QL - Business College Algebra **Credits: (3)**

ENGL 2010 or ENGL 2015 and MATH 1050 or MATH 1090 must be completed with a grade of "C" or higher and may not be taken on a CR/NC basis. Courses required in the Liberal Support Curriculum for Goddard School majors may be used to satisfy specific university and general education requirements.
MATH 1010 is a prerequisite for ECON 2010 and ECON 2020. MATH 1050 or MATH 1090 is a prerequisite for QUAN 2400 and QUAN 2600. Students seeking a degree within the Goddard School of Business & Economics should plan to take the necessary mathematics courses as early as possible in their program of study.

### 2. Business Foundations Curriculum (17 credit hours)

Each major discipline within the Goddard School designates different course work. Consult the Degrees/Programs listing for the Major course work required. Generally, students should begin taking courses within their major area *before* completing all of the courses in the Business Core. Refer to department degree maps for assistance in course sequencing.

The Business Foundations Curriculum provides the base for all business and economic degree programs and should be completed early in the student's academic studies. To satisfy the Business Foundations requirement, courses must be completed with a grade of "C" or higher.

- ACTG 2010 - Survey of Accounting I **Credits: (3)**
- ACTG 2020 - Survey of Accounting II **Credits: (3)**
- BSAD 2620 - Executive Lectures/Career Development **Credits: (1)**
- ECON 2010 SS CC - Principles of Microeconomics **Credits: (3)**
- ECON 2020 SS - Principles of Macroeconomics **Credits: (3)**
- QUAN 2600 SUS - Business Statistics I **Credits: (3)**
- MIS 2010 - Business Computer Skills **Credits: (1)**

### 3. Foundation Check (0 credit hours)

Students intending to pursue a Bachelor of Science or Associate of Science from the John B. Goddard School of Business & Economics must take the appropriate foundations check course listed below. Students wishing to minor in Accounting, Finance, or Economics must also take the appropriate foundations check course. Other minors and certifi-

cates do not require any admissions course. Students should register for this course concurrent with (same semester as) or after their last required Business or Economics Foundations Course.

- BSAD 2899 - Business Foundations Check **Credits: (0)** or
- ECON 2899 - Economics Foundations Check **Credits: (0)** *(for non-business Economics majors only)*

### Admission and Major Declaration

Refer to the criteria and process for admittance to the Goddard School by visiting John B. Goddard School of Business & Economics.

## 4. Business Core (33-34 credit hours)

The Business Core exposes students to the traditional areas of business and provides the competencies needed to analyze problems and interact with individuals from different units of an organization.

Everyone working in business needs a knowledge of these areas. Students should take course work within the Business Core as they are completing the courses within the Major Discipline. Many of the courses in the Business Core are prerequisites for other classes. Keeping this in mind and using department degree maps will assist students in course sequencing.

### Required Core Courses

- QUAN 3610 - Business Statistics II **Credits: (3)**
- BSAD 3200 - Legal Environment of Business **Credits: (3)**
- BSAD 3330 - Business Ethics & Environmental Responsibility **Credits: (3)**
- FIN 3200 - Financial Management **Credits: (3)**
- MGMT 3010 - Organizational Behavior and Management **Credits: (3)**
- SCM 2050 - Introduction to Operations and Supply Chain Management **Credits: (3)**
- MKTG 3010 SUS - Marketing Concepts and Practices **Credits: (3)**
- MIS 2020 - Introduction to Information Systems **Credits: (3)**
- BSAD 4780 - Strategic Management **Credits: (3)** *

**BSAD 4780 should be taken near the conclusion of the program of study.*

### One of the following Communication courses:

- MGMT 3200 - Managerial Communications **Credits: (3)**
- PS 3250 - Business Communication **Credits: (3)**
- SCM 3200 - Supply Chain Relational Skills **Credits: (3)**
- ENGL 3100 - Professional and Technical Writing **Credits: (3)**
- ECON 4970 - Introduction to Research Methods **Credits: (1)** and
- ECON 4980 CRE - Research Methods **Credits: (3)**

### One of the following International courses:

- ACTG 5140 - Accounting for Global and Complex Entities **Credits: (3)**
- ECON 3110 - International Trade **Credits: (3)**
- ECON 3120 GLB - International Finance and Monetary Systems **Credits: (3)**
- ECON 4170 - Economic Development **Credits: (3)**
- MIS 3710 GLB - Global Issues in Information Technology **Credits: (3)**
- MGMT 3400 - International Business **Credits: (3)**
- MKTG 3600 GLB - International Marketing **Credits: (3)**
- SCM 4400 GLB - Global Supply Chain Management **Credits: (3)**

## Note

The International Core Course requirement may be fulfilled by a Study Abroad or Exchange Program. See the chair of the program for approval.

## Major Course Requirements for BS Degree (27 credit hours)

### Major Courses Required (18 credit hours)

- MIS 2110 - Software Development I **Credits: (3)**
- MIS 2030 - Introduction to Business Analytics **Credits: (3)**
- MIS 3210 - Database Design and Implementation **Credits: (3)**
- MIS 3610 - Networks & Data Communications I **Credits: (3)**
- MIS 4600 - Information Security I **Credits: (3)**
- MIS 4730 - IT Project Management and Systems Design **Credits: (3)**

### Concentration Elective Courses (9 credit hours)

*Select 3 courses from the following:*

- MIS 2040 - Business Analytics with Python **Credits: (3)**
- MIS 3220 - Business Intelligence **Credits: (3)**
- MIS 3230 - Data Mining for Business **Credits: (3)**
- MIS 3620 - Networks and Data Communications II **Credits: (3)**
- MIS 3700 - E-business Technology & Web Development **Credits: (3)**
- MIS 3740 - Business Machine Learning **Credits: (3)**
- MIS 4700 - Information Security II **Credits: (3)**
- MIS 4710 - Enterprise Software Development **Credits: (3)**
- MIS 4720 - Emerging Information Technologies **Credits: (3)**
- MIS 4893 INT - Cooperative Work Experience **Credits: (3)**