University Core and Graduation Requirements

**University Core Requirements:**

<table>
<thead>
<tr>
<th>Requirements</th>
<th>#Classes</th>
<th>Hours</th>
<th>Classes</th>
</tr>
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<tbody>
<tr>
<td>Religion Cornerstones</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Teachings and Doctrine of The Book of Mormon</td>
<td>1</td>
<td>2.0</td>
<td>REL A 275</td>
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<tr>
<td>Jesus Christ and the Everlasting Gospel</td>
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<td>2.0</td>
<td>REL A 250</td>
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<tr>
<td>Foundations of the Restoration</td>
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<td>2.0</td>
<td>REL C 225</td>
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<tr>
<td>The Eternal Family</td>
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<td>REL C 200</td>
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<tr>
<td>The Individual and Society</td>
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<tr>
<td>American Heritage</td>
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</tr>
<tr>
<td>Global and Cultural Awareness</td>
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<tr>
<td>Skills</td>
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<tr>
<td>First Year Writing</td>
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<tr>
<td>Advanced Written and Oral Communications</td>
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<td>3.0</td>
<td>M COM 320*</td>
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<tr>
<td>Quantitative Reasoning</td>
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<tr>
<td>Languages of Learning</td>
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<td>3.0</td>
<td>STAT 121*</td>
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<td>Arts, Letters, and Sciences</td>
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<td>Civilization 1</td>
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<td>Biological Science</td>
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<td>Physical Science</td>
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<td>Social Science</td>
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<td>ECON 110*</td>
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<td>Core Enrichment: Electives</td>
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<td>Religion Electives</td>
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<td>Open Electives</td>
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<td>personal choice</td>
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</table>

FOR UNIVERSITY CORE AND PROGRAM QUESTIONS CONTACT THE ADVISEMENT CENTER IN 460 TNRB

*THESE CLASSES FILL BOTH GENERAL EDUCATION AND PROGRAM REQUIREMENTS (9–10 hours overlap)*

**Graduation Requirements:**

- Minimum residence hours required: 30.0
- Minimum hours needed to graduate: 120.0

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**Suggested Sequence of Courses**

**FRESHMAN YEAR**

1st Semester
- First-year Writing or American Heritage: 3.0
- BUS M 180: 0.5
- Religion Cornerstone course: 2.0
- General Education courses, university requirements, and/or general electives: 10.0
- **Total Hours**: 15.5

2nd Semester
- First-year Writing or American Heritage: 3.0
- ACC 200: 3.0
- BUS M 241: 3.0
- IS 110: 1.0
- Religion Cornerstone course: 2.0
- General Education courses, university requirements and/or general electives: 3.0
- **Total Hours**: 15.0

**SOPHOMORE YEAR**

3rd Semester
- ECON 110: 3.0
- IS 201: 3.0
- FIN 201: 3.0
- Religion Cornerstone course: 2.0
- General Education courses, university requirements, and/or general electives: 4.5
- **Total Hours**: 15.5

4th Semester
- BUS M 200: 1.5
- STAT 121: 3.0
- IS 303: 3.0
- M COM 320: 3.0
- Religion Cornerstone course: 2.0
- General Education courses, university requirements, and/or general electives: 3.0
- **Total Hours**: 15.0

**JUNIOR YEAR**

5th Semester
- IS 401: 3.0
- IS 402: 3.0
- IS 403: 3.0
- IS 414: 3.0
- Religion elective: 2.0
- **Total Hours**: 14.0

6th Semester
- IS 404: 3.0
- IS 405: 3.0
- IS 411: 3.0
- IS 413: 3.0
- Religion elective: 2.0
- **Total Hours**: 14.0

**SENIOR YEAR**

7th Semester
- BUS M 36300: 1.5
- BUS M 390: 3.0
- ORG B 321: 3.0
- IS 415: 3.0
- Religion Elective: 2.0
- General Education courses, university requirements, and/or general electives: 3.0
- **Total Hours**: 15.5

8th Semester
- BUS M 498: 3.0
- General Education courses, university requirements, and/or general electives: 12.0
- **Total Hours**: 15.0

Most applicants apply to the Marriott School the summer before their junior year.
Deadline to apply for Fall is the last working day of Jun by 4:30 pm.
Each program starts at the beginning of a new academic year.

**Note:** The sequence of courses suggested may not fit the circumstances of every student. Students should contact their advisement center for help in outlining an efficient schedule.

Note: This major requires a minimum of 120 hours for graduation. Students are encouraged to complete an average of 15–16 credit hours each semester or 30–31 credit hours each year, which could include spring and/or summer terms. Taking fewer credits substantially increases the cost and the number of semesters to graduate.
### RECOMMENDATION

**REQUIREMENT 1** Complete 2 options

**PREREQUISITE COURSES:** THESE COURSES ARE USED IN DETERMINING

**ADMISSION TO THE UNDERGRADUATE INFORMATION SYSTEMS PROGRAM.**

**OPTION 1.1** Complete 4 courses

- ACC 200 - Principles of Accounting 3.0
- BUS M 241 - Marketing Management 3.0
- FIN 201 - Principles of Finance 3.0
- IS 201 - Introduction to Management Information Systems 3.0

**OPTION 1.2** Complete 1 course

- C S 142 - Introduction to Computer Programming 3.0
- IS 303 - Introduction to Computer Programming 3.0

Apply and be formally accepted into the program.

**REQUIREMENT 2** Complete 4 courses

**NOTE:** IT IS RECOMMENDED THAT ECON 110 AND M COM 320 BE TAKEN
BEFORE ENTERING THE JUNIOR CORE. ECON 110, M COM 320 AND STAT 121
MUST BE COMPLETED BEFORE STARTING THE MISM PROGRAM, OR DURING
THE FIRST SEMESTER IN THE MISM.

- *ECON 110 - Economic Principles and Problems 3.0
- IS 110 - Spreadsheet Skills and Business Analysis 1.0
- *M COM 320 - Communication in Organizational Settings 3.0
- *STAT 121 - Principles of Statistics 3.0

**REQUIREMENT 3** Complete 4 courses

**INFORMATION SYSTEMS JUNIOR CORE 1 COURSES (TAUGHT FALL SEMESTER ONLY):**

- IS 401 - Systems Analysis 3.0
- IS 402 - Database Systems 3.0
- IS 403 - Principles of Business Programming 3.0
- IS 414 - Business Processes and Controls 3.0

**REQUIREMENT 4** Complete 4 courses

**INFORMATION SYSTEMS JUNIOR CORE 2 COURSES (TAUGHT WINTER SEMESTER ONLY):**

- IS 404 - Data Communications 3.0
- IS 405 - Information Systems Project Management 3.0
- IS 411 - Systems Design and Implementation 3.0
- IS 413 - Enterprise Application Development 3.0

**REQUIREMENT 5** Complete 1 course

**COMPLETE THE FOLLOWING IN THE FALL SEMESTER IMMEDIATELY
FOLLOWING THE IS CORE:**

- IS 415 - Machine Learning and Information Visualization Capstone 3.0

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### REQUIREMENT 6** Complete 5 courses

**MANAGEMENT CORE COURSES:**

- BUS M 200 - Introduction to Global Supply Chain Management 1.5
- BUS M 300 - Introduction to Operations Management 1.5
- BUS M 390 - Ethics for Management 3.0
- BUS M 498 - Strategy and Organization 3.0
- ORG B 321 - Organizational Effectiveness 3.0

**REQUIREMENT 7** Complete Marriott School exit survey online.

**RECOMMENDED**

- ACC 241 - Business Law in the Environment 3.0
- MATH 118 - Finite Mathematics 3.0

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### THE DISCIPLINE

Courses are designed to create opportunities for students to develop and apply their analytical and decisionmaking abilities. For this reason, Marriott School programs make extensive use of faculty expertise, case studies, student projects, and internships.

Computer-based information systems have become a critical part of the products, services, operations, and management of all organizations. The effective and efficient use of information and communications technologies is an important element in achieving competitive advantage for business organizations as well as achieving excellence in service for government and nonprofit organizations. The twenty-first century has seen the rapid growth of the Internet, eCommerce, and purely electronic enterprises.

These organizations would not even exist without the technology provided by computer-based information systems. The importance of information systems to organizations and the need for well-educated professionals in the field is the basis for strong educational programs and the development of a professional community of information systems (IS) practitioners.

Information systems involves two broad areas:

1. The acquisition, deployment, and management of an organization’s information systems resources and services; and
2. The development of computer-based systems and technology infrastructures for use in organization processes.

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### CAREER OPPORTUNITIES

Information systems professionals provide services ranging from the managerial to the highly technical. Information systems and technology skills are critical to the success of virtually all modern organizations, including small business, corporations, government, and educational institutions.

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### GENERAL INFORMATION

Students are encouraged to apply to the Marriott School of Business at the end of their sophomore year, as soon as they have completed the prerequisite courses.

Marriott School majors are limited-enrollment programs and the application process is competitive. For assistance in preparing for the application process, it is highly recommended that students visit the Marriott School Advisement Center.

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### REQUIREMENTS FOR APPLICATION

All new students entering the Marriott School commence their studies at the beginning of Fall semester. Admission into the Marriott School is based on consideration of the following:

- Prerequisite GPA
- 500 word essay
- Resume
- A review of the overall academic record

Prerequisite courses must be completed before the application deadline. Any application with a prerequisite GPA below a 3.
BS in Information Systems (322629)
2017-2018

0 will not be considered. When prerequisite GPA is calculated, repeated or transferred courses will be discounted. See the Marriott School Advisement Center for more information.

TRANSFER INFORMATION
Transfer equivalencies for the following courses will not be considered: Fin 201, IS 201, IS 303 or CS 142, and M Com 320.

BS INFORMATION SYSTEMS, CONCURRENT WITH MISM
The MISM program has a five-year integrated option for BYU students in the undergraduate information systems program, as well as an option for students who have already completed a bachelor’s degree. The first year of the undergraduate program must be completed with a minimum 3.0 GPA to be eligible to apply for admission into the Master of Information Systems Management program.

Meeting the minimum requirements does not guarantee admission.

MAP DISCLAIMER
While every reasonable effort is made to ensure accuracy, there are some student populations that could have exceptions to listed requirements. Please refer to the university catalog and your college advisement center/department for complete guidelines.

ADVISEMENT CENTER INFORMATION
Marriott School of Business Advisement Center
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Provo, UT 84602
(801) 422-4285
management@byu.edu