BS in Information Systems (322629) MAP Sheet
Business, Information Systems
For students entering the degree program during the 2022-2023 curricular year.

BYU Marriott 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 BYU Marriott Undergraduate Advisement Center.

University Core and Graduation Requirements
University Core Requirements:
Requirements#ClassesHoursClasses
Religion Cornerstones
Teachings and Doctrine of The Book of Mormon1.0REL A 275
Jesus Christ and the Everlasting Gospel1.0REL A 250
Foundations of the Restoration1.0REL C 225
The Eternal Family1.0REL C 200
The Individual and Society
American Heritage1-23.0from approved list
Global and Cultural Awareness1.0from approved list
Skills
First Year Writing1.0from approved list
Advanced Written and Oral Communications1.0M COM 320*
Quantitative Reasoning1-4.0ACC 200*
Languages of Learning (Math or Language)1.0STAT 121*
Arts, Letters, and Sciences
Civilization 11.0from approved list
Civilization 21.0from approved list
Arts1.0from approved list
Letters1.0from approved list
Biological Science1-4.0from approved list
Physical Science1-23.6.0from approved list
Social Science1.0ECON 110*
Core Enrichment: Electives
Religion Electives3.0from approved list
Open ElectivesVariableVariablepersonal choice

FOR UNIVERSITY CORE AND PROGRAM QUESTIONS CONTACT THE ADVISEMENT CENTER IN 460 TNRB
*THESE CLASSES FILL BOTH GENERAL EDUCATION AND PROGRAM REQUIREMENTS (12 hours overlap)
Graduation Requirements:
Minimum residence hours required30.0
Minimum hours needed to graduate120.0
Suggested Sequence of Courses
Freshman Year
1st Semester
First Year Writing3.0
MSB 180 (recommended)1.0
Religion Cornerstone2.0
General Education9.0
Total Hours15.0
2nd Semester
Most applicants apply to the Marriott School of Business the summer after their sophomore year. Each program starts at the beginning of a new academic year.

• Deadline to apply for Fall is the last working day of June by 4:30 pm.
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.

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.

BS in Information Systems (322629) 2022-2023 Program Requirements (64 Credit Hours)

requirement 1 Complete 2 options
Prerequisite courses: These courses are used in determining admission to the undergraduate Information Systems program.

option 1.1 Complete 2 courses
*ACC 200 - Principles of Accounting 3.0
IS 201 - Introduction to Management Information Systems 3.0

option 1.2 Complete 1 course
CS 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 6 courses
Note: It is strongly recommended that STAT 121 be completed before entering the IS core. It is strongly encouraged to have M COM 320 completed before the IS core.

*ECON 110 - Economic Principles and Problems 3.0
FIN 201 - Principles of Finance 3.0
IS 110 - Spreadsheet Skills and Business Analysis 1.0
*M COM 320 - Management Communication 3.0
MKTG 201 - Marketing Management 3.0
*STAT 121 - Principles of Statistics 3.0

requirement 3 Complete 4 courses
Information Systems Core 1 courses (taught Fall semester only):

IS 401 - System Analysis and Design 3.0
IS 402 - Database Systems 3.0
IS 403 - Principles of Business Programming 3.0
IS 405 - Information Systems Project Management 3.0

requirement 4 Complete 4 courses
Information Systems Core 2 courses (taught Winter semester only):

IS 404 - Data Communications 3.0
IS 413 - Enterprise Application Development 3.0
IS 414 - Information Systems Security and Controls 3.0
IS 415 - Machine Learning 3.0

requirement 5 Complete 1 course
IS 455 - Predictive Data Analytics 3.0

requirement 6 Complete 5 courses
Management Core courses:

GSCM 201 - Introduction to Global Supply Chain Management 1.5
GSCM 211 - Introduction to Supply Chain Management in International Business 1.5
HRM 391 - Organizational Effectiveness 3.0
Information systems involves the synthesis of business and technology. Professionals define, develop, and maintain the information system infrastructure that supports the operations of all businesses, governments, and other institutions. These professionals use a wide variety of skills in carrying out this function.

CAREER OPPORTUNITIES
Information systems graduates work in a variety of organizations, maintaining existing technology infrastructure and customizing technology solutions to business needs. They serve as the bridge between an organization’s technical personnel and its business side. Well educated information systems graduates are in high demand in accounting firms, technical companies, government agencies, and smaller entrepreneurial ventures. Information systems careers may have a primarily technical focus such as database and network administration, and software development or a people and organizational focus in managerial roles.

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

BYU 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 BYU Marriott Undergraduate Advisement Center.

For more information about the information systems program, visit https://marriottschool.byu.edu/infosys/

REQUIREMENTS FOR APPLICATION
All new students entering the Marriott School commence their study at the beginning of Fall semester. Admission into the BYU Marriott School is based on consideration of the following:

- Prerequisite GPA
- Essay
- Résumé
- Review of overall academic record
- Professionalism

Prerequisite courses must be completed before the application deadline. Any application with a prerequisite GPA below a 3.0 will not be considered. When prerequisite GPA is calculated, repeated or transferred courses will be discounted. See the BYU Marriott Undergraduate Advisement Center for more information.

TRANSFER INFORMATION
Transfer equivalencies for the following courses will not be considered: ACC 310, FIN 201, IS 201, and M COM 320.

BS Information Systems, Concurrent with MISM
The Master of Information Systems Management 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 MISM 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