# **Pacific Union College**

## **Major in Management Information Systems, B.S.**

## **Major Course Requirements**

A minimum of 75 hours (41 upper-division hours)

### > Required Core Courses (75 hours):

ACCT 121+122	Financial Accounting I, II 3-		
ACCT 123	Managerial Accounting		
BUAD 494	Internship		
ECON 265	Microeconomics		
INFS 240	Intro to Geographic Info Systems		
FIN 341	Finance		
INFS 115	Intro to Programming		
INFS 146	Spreadsheets		
INFS 320	Business Intelligence		
INFS 377	Electronic Commerce		
INFS 380	Database Systems		
INFS 465	Fundamentals of Data Communication		
INFS 470	Business Analytics		
MGMT 228	Principles of Information Systems		
MGMT 350	Project Management		
MGMT 361	Management		
MGMT 491	Strategic Management		
MKTG 351	Marketing		
STAT 222	Introduction to Statistics		
At least one of the following courses:			
MATH 106	College Algebra (4)		
MATH 131	Calculus I (4)		
At least 2 of the following courses:			
ACCT 322	Cost Accounting II (3)		
BUAD 325	Business Law I (3)		
MGMT 457	International Business (3)		
MGMT 465	Organizational Behavior (3)		
MGMT 466	Business and Society (3)		
MGMT 472	Human Resources Management (3)		
MGMT 481	Operations Management (3)		
STAT 322	Statistical Methods (3)		

## **Student Learning Outcomes**

#### Students can:

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- Demonstrate foundational knowledge in the functional areas of business.
- Evaluate the legal, social, and economic environments of business domestically and globally.
- Assess information and situations to make rational ethical business decisions.
- Demonstrate effective oral and written communication skills.
- Leverage decision-support tools and research to integrate business knowledge in applied settings.

## **Occupational Information**

### What can I do with this major?

Following graduation, students with this major often begin their career in one of the following:

- 1) Internships, management training programs, or information systems management training programs.
- 2) Assisting companies in analysis of existing computer information systems and in design of improved new systems.
- 3) Help-desk support for information systems.
- 4) Graduate schools of business, law, medicine, or dentistry.
- 5) Self-employment.

A wide variety of opportunities are available, such as information systems development, database administration, systems security and crime prevention, telecommunications and networking, biometrics, or technology management.

#### **Additional Education Required?**

Many organizations require a bachelor's degree for potential employees. Many managers have found that the knowledge and perspective gained in earning a master's and/or doctorate degree enhances their competitive position. To reach the highest ranks in college and university environments, a doctorate is essential.

#### **Job Outlook**

Companies rely heavily on the use of computers in the workplace now and so the demand for skilled information technology managers is growing. Graduates will be very desirable to employers with the combination of business skills and computer proficiency.

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# Major in Management Information Systems, B.S.

## **General Education Requirements**

To view general education requirements for this major, please refer to page A-01, Summary of General Education Requirements: B.S. Degree.

## **How to Construct Your Own Program**

- 1. Consult with your academic advisor.
- 2. Consider your aptitudes, interests, and available courses.
- 3. Schedule major courses and cognates first.
- 4. Fill the rest of your schedule with G.E. requirements.
- For the freshman year include English, Religion, and PE courses. Also include Basic Algebra I+II unless waived by previous work.

# What the Degree Includes

A total of 192 quarter hours including:

- 1. A minimum of 60 upper division hours.
- 2. General Education requirements.
- 3. Major requirements.
- 4. Minimum 2.0 GPA, overall and major.

## **For More Information**

Business Administration and Economics Department Pacific Union College One Angwin Avenue Angwin, CA 94508 (707) 965-6238

Website: www.puc.edu/business-administration-economics

The U.S. Occupational Outlook Handbook provides helpful occupational information.

## **Sample Four-Year Program**

It is not likely that these courses can always be taken in the order given. Your advisor will help you design a personalized program of studies.

First Year	F	W	S
Financial & Managerial Accounting		4	3
Math Course (MATH 106 or 131)	4	-	-
Intro to Programming	4	-	-
College English I, II	-	4	4
Religion Course	-	3	-
Exercise Science Activity Course	-	-	1
Spreadsheets	2	-	-
Personal Money Management		-	-
General Education/Electives		5	8
	16	1.0	1.0
Carand Varia	16	16	16
Second Year		4	
Microeconomics	-	4	-
Principles of Information Systems	-	-	4
Intor to GIS	2	-	-
Introduction to Statistics	4	-	- 4
Management	-	-	4
Marketing	-	-	4
Religion Courses	3	3	-
General Education/Electives	7	9	4
	16	16	16
Third and Fourth Years			
Finance (year 3)	5	-	-
Internship (year 3)	-	1	-
Project Management (odd)	-	3	-
Electronic Commerce (odd)*	3	-	-
Business Analytics (odd)	-	-	3
Fundamentals of Data Comm (even)*	3	-	-
Database Systems (even)	-	3	-
Business Intelligence (odd)		-	3
Major Electives	3	3	-
Strategic Management (year 4)	-	-	3
Senior Assessment Seminar (year 4)	-	-	.2
Major Electives/Gen Ed/Electives		22	19
	32	32	32.2

<sup>\*</sup> Courses marked (even) or (odd) are taught in alternate years only. 2024-2025 is odd, 2025-2026 is even.