Management Information Systems A.S. Degree

This program provides the basic skills necessary for a career in business while allowing the student to select courses that fit individual needs and desires. The degree also meets some of Sacramento State's lower-division coursework for a BS in Business Administration with an MIS concentration.

Total Units: 59-60

First Year

Semester 1 — 16 Units

COURSE	UNITS	PRE-REQS^	SEMESTERS OFFERED*	GE AREA
BUS 300 ⓩ Introduction to Business	3		F(O), S(O), Su(O)	
STAT 300 ⓩ Introduction to Probability and Statistics	4	MATH 120 or 125	F, S, Su(O)	CRC Area II(b)
ECON 302 ⓩ Principles of Macroeconomics	3	MATH 100 or 012 or 1 yr of HS Elem Algebra; Advisory: MATH 120 or 125	F(O), S(O), Su(O)	CRC Area V(b)
CRC Area II(a)-Writing Competency ⓩ	3	Recommend meeting with a counselor	F, S, Su	CRC Area II(a)
CRC Area I-Humanities ⓩ	3		F, S, Su	CRC Area I

ⓩ At least one section of this course is offered with free textbooks and is labeled as zero textbook costs (ZTC). If it is a GE area class or elective, there may be several ZTC offerings to fulfill the GE requirement. Use the Free Textbook filter to find these courses. Learn more on the ZTC page of the college website.

Semester 2 — 15-16 Units

COURSE	UNITS	PRE-REQS^	SEMESTERS OFFERED*	GE AREA
BUS 340 Business Law	3		F(O), S(O), Su(O)	
ECON 304 ⓩ Principles of Microeconomics	3	MATH 100 or 102 or 1 yr of HS Elem Algebra; Advisory: MATH 120 or 125	F(O), S(O), Su(O)	CRC Area V(b)

Career Options/Outlook:

Computer Systems Analysts analyze science, engineering, business, and other data processing problems to implement and improve computer systems. Analyze user requirements, procedures, and problems to automate or improve existing systems and review computer system capabilities, workflow, and scheduling limitations. May analyze or recommend commercially available software. **Career opportunities may require more than an associate degree.**

A sample of reported job titles:

Applications Analyst, Business Analyst, Business Systems Analyst, Computer Analyst, Computer Systems Analyst, Computer Systems Consultant, Information Systems Analyst (ISA), Information Technology Analyst (IT Analyst), System Analyst, Systems Analyst

Projected job openings in California (2020-2030):

5,150

Projected growth in California (2020-2030):

13% growth

COURSE	UNITS	PRE-REQS^	SEMESTERS OFFERED*	GE AREA
MATH 341 [1] Ⓩ Calculus for Business and Economics **or**	4	MATH 120	Check Class Schedule for offering	CRC Area II(b)
MATH 343 Modern Business Mathematics **or**	4	MATH 120	Check Class Schedule for offering	CRC Area II(b)
MATH 355 Ⓩ Calculus for Biology and Medicine I **or**	4	MATH 335	Check Class Schedule for offering	
MATH 400 Ⓩ Calculus I	5	MATH 370	F, S, Su	CRC Area II(b)
CISA 315 Introduction to Electronic Spreadsheets	2		F(O), S(O)	
Elective [2]	3		F, S, Su	

Ⓩ At least one section of this course is offered with free textbooks and is labeled as zero textbook costs (ZTC). If it is a GE area class or elective, there may be several ZTC offerings to fulfill the GE requirement. Use the Free Textbook filter to find these courses. Learn more on the ZTC page of the college website.

[1] Recommended

[2] Units needed to total 60 units for graduation. Refer to Course Number for the appropriate course level necessary for the degree.

Year 2

Semester 3
14 Units

COURSE	UNITS	PRE-REQS^	SEMESTERS OFFERED*	GE AREA
CISC 310 Ⓩ Introduction to Computer Information Science	3	Advisory: familiiar with basic functions of word process, spreadsheet, web browswer software applications	F(O,P), S(O), Su(O)	
ACCT 301 Ⓩ Financial Accounting	4	Advisory: ACCT 101, BUS 105, MATH 120 or MATH 125	F(O,P), S(P), Su	CRC Area II(b)
CRC Area III(b)-Life Development Skills Ⓩ	3		F, S, Su	CRC Area III(b)
CRC Area IV-Natural Sciences Ⓩ	3		F, S, Su	CRC Area IV
CRC Area III(a) Ⓩ	1		F, S, Su	CRC Area III(a)

Transfer notes:

Please meet with a counselor for specific transfer course evaluation or transferring to a specific 4-year institution.

General Education (GE):

Please meet with a counselor for specific transfer course evaluation or transferring to a specific 4-year institution.

Honors option:

The CRC Honors Program is designed specifically for academically accomplished students and for students with the potential for high achievement. Students who complete 15 units or more in honors-designated courses will earn special recognition as an Honors Scholar, a distinction that may entitle the student to guaranteed transfer and scholarship opportunities at select transfer colleges and universities.

About this map:

This program map represents one possible pathway to complete the program. Please see a counselor to create an education plan that is customized to meet your needs. This map is not a guarantee of course availability or financial aid applicability.

Zero Textbook Costs (ZTC):

(Z) At least one section of this course is offered with free textbooks and is labeled as zero textbook costs (ZTC). If it is a GE area class or elective, there may be several ZTC offerings to fulfill the GE requirement. Use the Free Textbook filter to find these courses. Learn more on the ZTC page of the college website.

Semester 4   **14 Units**

COURSE	UNITS	PRE-REQS^	SEMESTERS OFFERED*	GE AREA
CISP 370 Beginning Visual Basic	4	Advisory: CISC 310 or CISP 300	F(O), S(P)	
ACCT 311 (Z) Managerial Accounting	4	ACCT 301	F(O), S(O), Su	
CRC Area V(a)- American Institutions (Z)	3		F, S, Su	CRC Area V(a)
CRC Area VI-Ethnic/ Multicultural STudies (Z)	3		F, S, Su	CRC Area VI

(Z) At least one section of this course is offered with free textbooks and is labeled as zero textbook costs (ZTC). If it is a GE area class or elective, there may be several ZTC offerings to fulfill the GE requirement. Use the Free Textbook filter to find these courses. Learn more on the ZTC page of the college website.

^You must have passed the prerequisite course(s) with a "C" or better; Corequisite must be taken during the same semester; Advisory means it is recommended but not required to enroll in the course.

*(O) = Online available, (P) = Partially online

The Zero Textbook Costs designation and logo are added to any course that provides free access to all required instructional materials. These are typically shared with students through Canvas. Courses that are designated as ZTC may still require students to purchase supplemental materials such as lab coats, a calculator, art supplies, etc. See full definitions and searching tips on the Zero Textbook Costs page of the college website.