Management Information Systems A.S. Degree - Local GE

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: 61-63

First Year

Semester 1
14-15 Units

COURSE	UNITS	PRE-REQS^	SEMESTERS OFFERED*	GE AREA
BUS 300 Introduction to Business	3		F(O), S(O), Su(O)	
CISC 310 Introduction to Computer Information Science	3	Advisory: familiar with basic functions of word process, spreadsheet, web browser software applications	F(O,P), S(O), Su(O)	
MATH 341 [1] Calculus for Business and Economics **or**	4	Recommend meeting with a counselor	Check Class Schedule for offering	CRC Area L2
MATH 343 Modern Business Mathematics **or**	4	Recommend meeting with a counselor	Check Class Schedule for offering	CRC Area L2
MATH 355 Calculus for Biology and Medicine I **or**	4	MATH 373, OR MATH 384, OR equivalent determined through placement process.	Check Class Schedule for offering	CRC Area L2
MATH 400 Calculus I	5	MATH 375 or MATH 372 AND Math 373	F, S, Su	CRC Area L2
CRC Area 1A English Composition	3		Recommend meeting with a counselor	CRC Area L1A
CRC Area 7A-Living Skills (PE)	1		F, S, Su	CRC Area L7A

[1] Recommended

Semester 2
15-16 Units

COURSE	UNITS	PRE-REQS^	SEMESTERS OFFERED*	GE AREA

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
ACCT 301 Financial Accounting	4	Advisory: ACCT 101, BUS 105,	F(O,P), S(P), Su	
CISA 315 Introduction to Electronic Spreadsheets	2		F(O), S(O)	
STAT C1000E Introduction to Probability and Statistics	4		F, S, Su(O)	
CRC Area 5 Natural Sciences	3		F, S, Su	CRC Area L5
CRC Area 7B Living Skills	2-3		F, S, Su	CRC Area L7B

Year 2

Semester 3   16 Units

COURSE	UNITS	PRE-REQS^	SEMESTERS OFFERED*	GE AREA
ACCT 311 Managerial Accounting	4	ACCT 301	F(O), S(O), Su	
BUS 340 Business Law	3		F(O), S(O), Su(O)	
ECON 302 Principles of Macroeconomics	3		F(O), S(O), Su(O)	CRC Area L4
CRC Area 1B Oral Communication & Critical Thinking	3		F, S, Su	CRC Area L1B
Elelctive [1]	3		F, S, Su	

[1] Units required are determined by the number of units needed to total 60 units for graduation. See side note for suggestions. Refer to Course Number for the appropriate course level necessary for the degree.

Semester 4   16 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)	
ECON 304 Principles of Microeconomics	3		F(O), S(O), Su(O)	CRC Area L4
CRC Area 3-Arts & Humanities	3		F, S, Su	CRC Area L3
CRC Area 6-Ethnic Studies	3		F, S, Su	CRC Area L6
Elective [1]	3		F, S, Su	

[1]Units required are determined by the number of units needed to total 60 units for graduation. See side note for suggestions. Refer to Course Number for the appropriate course level necessary for the degree.

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):

^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.