Management Information Science A.S. Degree - Cal-GETC GE

This program map represents one possible path for completing this program. **Please see a counselor** to create an educational plan that is customized to meet your needs. This path is not a guarantee of course availability or financial aid applicability.

Catalog: 2026-27

Total Units: 69-70

First Year

Semester 1

12-13 Units

CAT.	COURSE	TITLE	UNIT	GE AREA
Maj	CISC 310	Introduction to Computer Information Science	3	
Maj	CISA 315	Introduction to Electronic Spreadsheets	2	
ME	CISC 320 / 323	Major Elective	1	
GE	ENGL C1000* / 488H+ / ESLW 340+	Academic Reading and Writing	3-4	Cal-GETC Area 1A
GE		Social & Behavioral Sciences	3	Cal-GETC Area 4

*If you don't place directly in ENGL C1000 (check your eServices account), you will need to take ENGL 80/ENGL C1000 combo course.

+Prerequisite for ENGL 488: ESL 325 with a grade of "C" or better, or placement through the assessment process

+Prerequisite for ESLW 340: ESL 325 with a grade of "C" or better; or, for students not previously enrolled in ESL writing courses within the Los Rios district, placement through the Los Rios assessment process

Semester 2

15 Units

CAT.	COURSE	TITLE	UNIT	GE AREA
Maj	CISA 305+	Beginning Word Processing	2	
Maj	CISP 301	Algorithm Design and Implementation	4	
Maj	CISC 305+	Introduction to the Internet	1	
Maj	CISA 340	Presentation Graphics	2	

Legend

- **(H)** - Honors
- **Elec** - Elective
- **GE** - General Education
- **Maj** - Required Core
- **ME** - Major Elective

Disclaimer

Every effort has been made to ensure that what is listed in the SCC Program Paths are accurate. The courses, the course sequencing, and the programs are subject to change without notice by the administration of the Los Rios Community College District and Sacramento City College at the discretion of the district and Sacramento City College. Further, Sacramento City College reserves the right to amend any course or program.

PLEASE SEE AN SCC COUNSELOR.

AA/AS Requirements

Associate Degrees require the following:

1. **Completion of a minimum of 60 degree-applicable units with an overall grade point average (GPA) of 2.0 ("C" average). A minimum of 12 units must be completed within the Los**

CAT.	COURSE	TITLE	UNIT	GE AREA
GE		*Mathematical Concepts & Quantitative Reasoning	3	Cal-GETC Area 2
GE		Critical Thinking and Composition	3	Cal-GETC Area 1B

+Prerequisite for CISA 305: CISC 300 or 310 with a grade of "C" or better

+Prerequisite for CISC 305: CISC 300, 310, or 320 with a grade of "C" or better

*Choose one of the recommended courses under your STEM placements (check your e-Services account). Meet with a counselor for recommended Math options.

Second Year

Semester 3

15 Units

CAT.	COURSE	TITLE	UNIT	GE AREA
Maj	CISP 360+	Introduction to Structured Programming	4	
ME		*Major Elective (List A)	2	
ME		*Major Elective (List B)	3	
GE		**Social and Behavioral Sciences	3	Cal-GETC Area 4
GE		Biological Science	3	Cal-GETC Area 5B

See Major Elective Lists in Semester 5.

+Prerequisite for CISP 360: CISP 301 with a grade of "C" or better

**Cal-GETC Area 4 requires 2 courses from different disciplines. Select a course from Cal-GETC Area 4 from a different discipline than the previously completed Cal-GETC Area 4 course.

Semester 4

15 Units

CAT.	COURSE	TITLE	UNIT	GE AREA
ME	CISP 400+ / 401+	Major Elective	4	

Rios Community College District.

2. **Completion of each required course with a grade of "C" or better for a major offered at Sacramento City College.**
3. **Completion of the Californi a General Education Transf er Curriculum (Cal-GETC). Areas 1 through 6 must be completed with a grade of "C" or better.**

Students with Advanced Placement (AP) and International Baccalaureate Credit (IB) test scores should notify their Counselor to learn more about how test scores may be used for credit.

Placement Information

Check your eServices account under "Academic Records" to determine your Math and English placements.

Department Notes

- Students are encouraged to contact the CIS faculty for sequence adjustments.
- Department contact: Myra (Sheley) Little - LittleM@scc.los rios.edu

Important Links

- SCC General Counseling
- Computer Science - Manageme nt Information Science
- Business & Industry Meta Major s

CAT.	COURSE	TITLE	UNIT	GE AREA
ME		*Major Elective (List A)	2	
ME		*Major Elective (List B)	3	
Maj	CISA 323 +	Database Management using Microsoft Access	2	
GE		Physical Science	3	Cal-GETC Area 5A
GE		**Associate Lab Component	1	Cal-GETC Area 5C

See Major Elective Lists in Semester 5.

+Prerequisite for CISP 400: CISP 360 with a grade of "C" or better

+Prerequisite for CISP 401: CISP 360 with a grade of "C" or better

+Prerequisite for CISA 323: CISC 300 or 310 with a grade of "C" or better

**Cal-GETC Area 5C will not be required if a laboratory activity is included in 5A or 5B.

Third Year

Semester 5

12 Units

CAT.	COURSE	TITLE	UNIT	GE AREA
GE		Oral Communication	3	Cal-GETC Area 1C
GE		Arts	3	Cal-GETC Area 3A
GE		Humanities	3	Cal-GETC Area 3B
GE		Ethnic Studies	3	Cal-GETC Area 6

***Major Electives:**

List A - A minimum of 4 units from the following - Many of these courses have prerequisites. Please review the prerequisite requirements carefully or consult with a counselor for guidance.

CISA 306 Intermediate Word Processing

CISA 316 Intermediate Electronic Spreadsheets

CISC 324 Intermediate Linux Operating System

CISC 355 Introduction to Data Communication

CISC 360^ Information & Communication Technology Essentials (A+)

CISP 350 Database Programming

^CISC 360 is typically only offered during the fall semester.

List B - A minimum of 6 units from the following - Many of these courses have prerequisites. Please review the prerequisite requirements carefully or consult with a counselor for guidance.

CISC 355 Introduction to Data Communications

CISD 357 or CISP 357 Introduction to Data Science

CISD 358 or CISP 358 Data Analysis

CISN 300 Network Systems Administration

CISN 303^ Network Administration - Linux Server

CISN 306^ Advanced Network Systems Administration

CISN 308^ Internetworking with TCP/IP

CISP 310 Assembly Language Programming for Microcomputers

CISP 350 Database Programming

CISP 400 Object Orientated Programming with C++

CISP 401 Object Orientated Programming with Java

CISP 430^ Data Structure

CISP 440 Discrete Structure for Computer Science

CISP 457^ Introduction to Systems Analysis & Design

CISS 300 Introduction to Information Systems Security

CISS 315 Ethical Hacking

CISS 310 Networking Security Fundamentals

CISW 327 Networking to Web Development coding HTML & CSS

CISW 400^ Client-side Web Scripting (only offered in the Fall Semester)

CISW 410^ Middle Web Scripting

^CISN 303 is typically only offered during the spring semester.

^CISN 306 is typically only offered during the spring semester.

^CISN 308 is typically only offered during the spring semester.

^CISP 430 is typically only offered during the spring semester.

^CISP 457 is typically only offered during the fall semester.

^CISW 400 is typically only offered during the fall semester.

^CISW 410 is typically only offered during the spring semester.

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