



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: 2025-26

Total Units: 72-73

First Year

Semester 1

15-16 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 | Operating Systems | 1 | |
| Elec | INDIS 313* | Freshman Seminar | 3 | |
| GE | ENGL C1000** / ENGWR 488 ^H / ESLW 340 | Academic Reading and Writing | 3-4 | Cal-GETC Area 1A |
| GE | | Social & Behavioral Sciences | 3 | Cal-GETC Area 4 |

***INDIS 313 - Freshman Seminar is specifically designed for First Time in College students. This course is a non-required elective. If you're not a First Time in College student and/or you only would like to take required courses, you do not need to take this course.**

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

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 | |
| GE | MATH 300* | Introduction to Mathematical Ideas | 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

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 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 California General Education Transfer 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.

*If you don't place directly in MATH 300 (check your eServices account), you will need to take MATHS 95/MATH 300 combo course.

Second Year

Semester 3

16 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 |
| GE | | ***Associate Lab Component | 1 | Cal-GETC Area 5C |

*See 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.

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

Semester 4

14 Units

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

*See 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

Exception: Students who possess a bachelor's (BA/BS) or higher degree from a college or university accredited through a regional accrediting agency recognized by the Council for Higher Education Accreditation (CHEA) are deemed to have satisfied both the general education and graduation competency requirements for an AA/AS degree. Degrees from accredited institutions outside of the US will be evaluated on a case-by-case basis.

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: Sheley Little

Littlem@scc.losrios.edu

Important Links

- [SCC General Counseling](#)
- [Computer Science - Management Information Science](#)
- [Business & Industry Meta Majors](#)

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:)

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

List B (A minimum of 6 units from the following:)

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