



# Management Information Science A.S. Degree

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:** 60-61

## First Year

### Semester 1

15-16 Units

| CAT. | COURSE   | TITLE  | UNIT | AA/AS<br>GE |
|------|--|--|------|-------------|
| Maj  | CISC 310   | Introduction to Computer Information Science | 3    |             |
| Maj  | CISA 315   | Introduction to Electronic Spreadsheets      | 2    |             |
| ME   | CISC 320 / 323                                   | Operating Systems                            | 1    |             |
| GE   | INDIS 313*                                       | Freshman Seminar                             | 3    | L7B         |
| GE   | ENGL C1000** / ENGWR 488 <sup>H</sup> / ESLW 340 | Academic Reading and Writing                 | 3-4  | L1A         |
| GE   |  | Social & Behavioral Sciences                 | 3    | L4          |

**\*INDIS 313 - Freshman Seminar is specifically designed for First Time in College students. If you're not a First Time in College student, please select a GE course from SCC General Education Area L7B, such as HCD 310-College Success.**

**\*\*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 | AA/AS<br>GE |
|------|-----------------------|-------------------------------------|------|-------------|
| Maj  | CISA 305 <sup>+</sup> | Beginning Word Processing           | 2    |             |
| Maj  | CISP 301              | Algorithm Design and Implementation | 4    |             |
| Maj  | CISC 305 <sup>+</sup> | Introduction to the Internet        | 1    |             |
| Maj  | CISA 340              | Presentation Graphics               | 2    |             |
| GE   | MATH 300*             | Introduction to Mathematical Ideas  | 3    | L2          |
| GE   |                       | Arts and Humanities                 | 3    | L3          |

**+ 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

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

### 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 Sacramento City College's local AA/AS general education requirements – Area L1A and L1B; Area L2; Area L3; Area L4; Area L5; Area L6; and Area L7A and L7B – with an overall 2.0 GPA.

**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.**

# Second Year

## Semester 3

15 Units

| CAT. | COURSE                | TITLE                                  | UNIT | AA/AS<br>GE |
|------|-----------------------|--|------|-------------|
| Maj  | CISP 360 <sup>+</sup> | Introduction to Structured Programming | 4    |             |
| ME   |                       | *Major Elective (List A)               | 2    |             |
| ME   |                       | *Major Elective (List B)               | 3    |             |
| GE   |                       | Oral Communication & Critical Thinking | 3    | L1B         |
| GE   |                       | Natural Sciences                       | 3    | L5          |

**\*See Lists in Semester 4.**

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

## Semester 4

15 Units

| CAT. | COURSE                                   | TITLE                                      | UNIT | AA/AS<br>GE |
|------|--|--|------|-------------|
| ME   | CISP 400 <sup>+</sup> / 401 <sup>+</sup> | Major Elective                             | 4    |             |
| ME   |  | *Major Elective (List A)                   | 2    |             |
| ME   |  | *Major Elective (List B)                   | 3    |             |
| Elec | CISA 323 <sup>+</sup>                    | Database Management using Microsoft Access | 2    |             |
| GE   |  | Ethnic Studies                             | 3    | L6          |
| GE   |  | Physical Education                         | 1    | L7A         |

**+ 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

**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

**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](#)

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

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