Management Information Science Certificate

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: 35-39

First Year

Semester 1

14 Units

CAT.	COURSE	TITLE	UNIT
Maj	CISC 310	Introduction to Computer Information Science	3
Maj	CISP 301	Algorithm Design and Implementation	4
ME	CISC 320 / 323	Operating Systems	1
Maj	CISA 315	Introduction to Electronic Spreadsheets	2
Maj	CISA 340	Presentation Graphics	2
Maj	CISA 323 +	Database Management using Microsoft Access	2

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

Semester 2

12-15 Units

CAT.	COURSE	TITLE	UNIT
Maj	CISP 360 +	Introduction to Structured Programming	4
Maj	CISA 305 +	Beginning Word Processing	2
Maj	CISC 305 +	Introduction to the Internet	1
ME		*Major Elective (1)	2-4
ME		**Major Elective (2)	3-4

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

+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.

Department Notes

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

Certificate of Achievement Requirements

*Major Elective (1) - A minimum of 4 units from the following: (choose 1 course this semester) CISA 306 (2), CISA 316 (2), CISC 324 (1), CISC 355 (1.5), CISC 360^ (3), CISP 350 (4)

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

Please note that many of these courses have prerequisites. Review course requirements or consult a counselor before enrolling.

**Major Elective (2) - A minimum of 6 units from the following: (choose 1 course this semester) CISC 355 (1.5), CISD 357/CISP 357 (4), CISD 358/CISP 358 (4), CISN 300 (3), CISN 303^ (3), CISN 306^ (3), CISN 308^ (3), CISP 310 (4), CISP 350 (3), CISP 400 (4), CISP 401 (4), CISP 430^ (4), CISP 440 (3), CISP 457^ (3), CISS 300 (1), CISS 310 (3), CISS 315 (3), CISW 327 (4), CISW 400^ (4), CISW 410^(4)

^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.

Please note that many of these courses have prerequisites. Review course requirements or consult with a counselor before enrolling.

Second Year

Semester 3

9-10 Units

CAT.	COURSE	TITLE	UNIT
ME	CISP 400+ / 401+	Object Oriented Programming with C++	4
ME		*Major Elective (1)	2-3
ME		**Major Elective (2)	3

+ Prerequisite for CISP 400 & 401: CISP 360 with a grade of "C" or better

*Major Elective - A minimum of 4 units from the following: (choose 1-2 courses this semester not already completed in a previous semester to complete 4 units total) CISA 306 (2), CISA 316 (2), CISC 324 (1), CISC 355 (1.5), CISC 360^ (3), CISP 350 (4)

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

Please note that many of these courses have prerequisites. Review course requirements or consult with a counselor before enrolling.

Certificates of Achievement require a grade of "C" or better in each course.

Important links

- SCC General Counseling
- Computer Science
- Business & Industry Meta Majors

**Major Elective - A minimum of 6 units from the following: (choose 1 course this semester not already completed in a previous semester to complete 6 units total) CISC 355 (1.5), CISD 357/CISP 357 (4), CISD 358/CISP 358 (4), CISN 300 (3), CISN 303^ (3), CISN 306^ (3), CISN 308^ (3), CISP 310 (4), CISP 350 (3), CISP 400 (4), CISP 401 (4), CISP 430^ (4), CISP 440 (3), CISP 457^ (3), CISS 300 (1), CISS 310 (3), CISS 315 (3), CISW 327 (4), CISW 400^ (4), CISW 410^(4)

^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.

Please note that many of these courses have prerequisites. Review course requirements or consult with a counselor before enrolling.

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