Data 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.

First Year

Semester 1   7-8 Units

CAT.	COURSE	TITLE	UNIT
Maj	CISP 301	Algorithm Design and Implementation	4
ME		*Major Elective	3-4

*Major Elective (Select one of the following:)

[CISA 323 Database Management using Microsoft Access

AND

CISA 324 Intermediate Database Management using Microsoft Access]

OR

CISP 350 Database Programming

Semester 2   4 Units

CAT.	COURSE	TITLE	UNIT
Maj	CISP 357 [+]	Introduction to Data Science	4

+ Prerequisite for CISP 357: CISP 301 with a grade of "C" or better

Second Year

Semester 3   8 Units

CAT.	COURSE	TITLE	UNIT
Maj	CISP 358 [+]	Data Analysis	4
Maj	CISP 359 [+]	Data Modeling and Machine Learning	4

+ Prerequisite for CISP 358 & CISP 359: CISP 357 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.

Certificate of Achievement Requirements

Certificates of Achievement require a grade of "C" or better in each course with a minimum of 12 units completed at Sacramento City College.

Department Notes

- Students are encouraged to contact the CIS faculty for course sequence adjustments.
- CISP 358 is the advisory for CISP 359.
- Department contact: Meili Xu

XuM@scc.losrios.edu

Important Links

SCC General Counseling
Computer Information Science
Business & Industry Meta Majors