



# Computer 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:** 74-75

## First Year

### Semester 1

16-17 Units

CAT.	COURSE	TITLE	UNIT	GE AREA
Maj	CISC 310	Introduction to Computer Information Science	3	
Maj	CISP 301	Algorithm Design and Implementation	4	
GE		*Mathematical Concepts & Quantitative Reasoning	3	Cal-GETC Area 2
GE	ENGL C1000 <sup>**</sup> / ENGWR 488 <sup>H</sup> / ESLW 340	Academic Reading and Writing	3-4	Cal-GETC Area 1A
Elec	INDIS 313 <sup>*</sup>	Freshman Seminar	3	

\*Choose one of the recommended courses under your STEM or BusMath placements except MATH 386. MATH 386 is not approved for Cal-GETC. (Check your eServices account.)

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

\*\*\*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.

### Semester 2

15 Units

CAT.	COURSE	TITLE	UNIT	GE AREA
Maj	CISP 350 <sup>+</sup>	Database Programming	3	
Maj	CISP 360 <sup>+</sup>	Introduction to Structured Programming	4	
Maj	CISC 323	Linux Operating System	1	
Maj	CISC 324 <sup>+</sup>	Intermediate Linux Operating System	1	
GE		Social and Behavioral Sciences	3	Cal-GETC Area 4
GE		Critical Thinking and Composition	3	Cal-GETC Area 1B

### 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.

**Exception:** Students who possess a bachelor's (BA/BS) or higher degree from a college or university accredited through a

**+ Prerequisite for CISP 350 & 360:** CISP 301 with a grade of "C" or better

**+ Prerequisite for CISC 324:** CISC 323 with a grade of "C" or better

## Summer Term 6 Units

CAT.	COURSE	TITLE	UNIT	GE AREA
GE		Arts	3	Cal-GETC Area 3A
GE		Humanities	3	Cal-GETC Area 3B

*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 course sequence adjustments.
- Department contact: Meili Xu

XuM@scc.losrios.edu

## Important Links

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

## Semester 3 17 Units

CAT.	COURSE	TITLE	UNIT	GE AREA
Maj	CISP 310 <sup>+</sup>	Computer Architecture and Organization	4	
ME	CISP 400 <sup>+</sup> / 401 <sup>+</sup>	Major Elective	4	
ME		*Major Elective	3	
GE		Physical Science	3	Cal-GETC Area 5A
GE		Oral Communication	3	Cal-GETC Area 1C

**+ Prerequisite for CISP 310:** CISP 301 and 360 with grades of "C" or better

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

\*Major Elective - A minimum of 6 units from the following (choose 3 units this semester not already completed): CISC 351, CISC 355, (CISD 357 OR CISP 357), (CISD 358 OR CISP 358), (CISD 359 OR CISP 359), CISN 303, CISP 401, CISP 457, CISS 300, CISS 310, CISW 327, CISW 400, CISW 410

## Semester 4 16 Units

CAT.	COURSE	TITLE	UNIT	GE AREA
Maj	CISP 430 <sup>+</sup>	Data Structures	4	
ME	CISP 440 <sup>+</sup> / 457 <sup>+</sup>	Major Elective	3	
ME		*Major Elective	3	
GE		**Social & Behavioral Sciences	3	Cal-GETC Area 4
GE		Ethnic Studies	3	Cal-GETC Area 6

**+ Prerequisite for CISP 430:** CISP 400 or 401 with a grade of "C" or better

**+ Prerequisite for CISP 440:** CISP 400 or 401 with a grade of "C" or better; MATH 372 with a grade of "C" or better

**+ Prerequisite for CISP 457:** CISA 323 and CISC 310 with grades of "C" or better; and any one of the following: CISP 360, CISP 400, or CISP 401 with grade of "C" or better

\*Major Elective - A minimum of 6 units from the following (choose 3 units this semester not already completed): CISC 351, CISC 355, (CISD 357 OR CISP 357), (CISD 358 OR CISP 358), (CISD 359 OR CISP 359), CISN 303, CISP 401, CISP 457, CISS 300, CISS 310, CISW 327, CISW 400, CISW 410

\*\*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.

**Summer Term** **4 Units**

CAT.	COURSE	TITLE	UNIT	GE AREA
<b>GE</b>		Biological Science	3	Cal-GETC Area 5B
<b>GE</b>		*Associate Lab Component	1	Cal-GETC Area 5C

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

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