



Cybersecurity and Information Assurance 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

14-15 Units

CAT.	COURSE	TITLE	UNIT	GE AREA
Maj	CISN 340	CISCO Networking Academy (CCNA)™: Introduction to Networks	3.5	
Maj	CISN 341 ⁺	CISCO Networking Academy (CCNA)™: Switching, Routing, and Wireless Essentials	3.5	
GE	INDIS 313 [*]	Freshman Seminar	3	SCC Local Area L7B
GE	ENGL C1000 ^{**} / ENGWR 488 ^H / ESLW 340 / BUS 310 ⁺	Academic Reading and Writing	3-4	SCC Local Area L1A
GE		Physical Education	1	SCC Local Area L7A

+ Prerequisite for CISN 341: CISN 340 with a grade of "C" or better

***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.**

+ Prerequisite for BUS 310: BUS 100, ENGL C1000, or ESLW 340 with a grade of "C" or better

Semester 2

15 Units

CAT.	COURSE	TITLE	UNIT	GE AREA
Maj	CISS 315	Ethical Hacking	3	
Maj	CISS 310	Network Security Fundamentals	3	
Maj	CISS 350	Disaster Recovery	3	

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 degree general education requirements – Area L1A and L1B; Area L2; Area L3; Area L4; Area L5; and Area L6; and Area L7A and L7B – with an overall 2.0 GPA. Students also have an option of completing the California General Education Transfer Curriculum (Cal-GETC) instead of the local general education pattern.

CAT.	COURSE	TITLE	UNIT	GE AREA
GE	MATH 300 *	Introduction to Mathematical Ideas	3	SCC Local Area L2
GE		Social & Behavioral Sciences	3	SCC Local Area L4

*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

15 Units

CAT.	COURSE	TITLE	UNIT	GE AREA
Maj	CISN 300	Network Systems Administration	3	
Maj	CISS 321 *	Scripting for Cyber Security	3	
Maj	CISS 330 *	Implementing Internet Security and Firewalls	3	
Maj	CISS 316 *	Cisco Networking Academy(R): CyberOps Associate	3	
GE		Oral Communication & Critical Thinking	3	SCC Local Area L1B

+ **Prerequisite for CISS 321:** CISN 340, CISS 310, or CISS 315 with a grade of "C" or better

+ **Prerequisite for CISS 330:** CISS 310 with a grade of "C" or better

*CISS 316 is only offered during the fall and summer semesters.

Semester 4

16 Units

CAT.	COURSE	TITLE	UNIT	GE AREA
ME	CISS 360 **	Computer Forensics and Investigation	3	
GE		Ethnic Studies	3	SCC Local Area L6
GE		Natural Sciences	3	SCC Local Area L5
GE		Arts and Humanities	3	SCC Local Area L3
Elec		*Elective	1	
Elec		*Elective	3	

+ **Prerequisite for CISS 360:** CISS 310 or 315 with a grade of "C" or better

*CISS 360 is only offered during the spring semester.

*Electives may include any courses numbered 100-499.

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 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.

Department Notes

- Students are encouraged to contact the CIS faculty for course sequence adjustments.
- Department contact: Kevin Anderson

andersk@scc.losrios.edu

Placement Information

Check your eServices account under "Academic Records" to determine your Math and English placements.

Important Links

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