Cybersecurity and Information Assurance A.S. Degree - Local 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: 60-62

First Year

Semester 1 — 14-15 Units

CAT.	COURSE	TITLE	UNIT	GE AREA
Maj	CISN 340	CISCO Networking Academy (CCNA)tm: Introduction to Networks	3.5	
Maj	CISN 341 [+]	CISCO Networking Academy (CCNA)tm:Switching, Routing, and Wireless Essentials	3.5	
GE	INDIS 313 [*] / HCD 310	Life Development Skills	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

*First time college students who would like to participate in <u>First-Year Experience (FYE)</u> should take INDIS 313. All other students can take HCD 310 or speak with a counselor regarding their choices.

**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 — 15-16 Units

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**

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	
GE		*Mathematical Concepts & Quantitative Reasoning	3-4	SCC Local Area L2
GE		Social & Behavioral Sciences	3	SCC Local Area L4

*Choose one of the recommended courses under your STEM placements. (Check your eServices account.) Meet with a counselor for recommended Math options.

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

*CISS 321 is typically only offered during the summer semester.

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

**CISS 330 is typically only offered during the spring semester.

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

Semester 4   16 Units

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.**

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

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 typically only offered during the spring semester.

*Electives may include any courses numbered 100-499. **Meet with a counselor to discuss potential elective course options.**

- Students are encouraged to contact the CIS faculty for course sequence adjustments.

Department contact: Kevin Anderson - AndersK@scc.losrios.edu

Placement Information

*C**heck 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

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