



Advanced CISCO Networking 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: 20

First Year

Semester 1

7 Units

CAT.	COURSE	TITLE	UNIT
Maj	CISN 346 ⁺ *	Network Design and Projects	3.5
Maj	CISS 327 ⁺ **	Cisco Networking Academy(R): Network Security	3.5

+Prerequisite for CISN 346: CISN 341 with a grade of "C" or better

*CISN 346 is typically only offered during the spring semester.

+Prerequisite for CISS 327: CISN 340 and CISN 341 with grades of "C" or better

**CISS 327 is typically only offered during the spring semester.

Semester 2

3 Units

CAT.	COURSE	TITLE	UNIT
Maj	CISS 316 [*]	Cisco Networking Academy(R): CyberOps Associate	3

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

Second Year

Semester 3

10 Units

CAT.	COURSE	TITLE	UNIT
Maj	CISN 350 ⁺ *	CISCO Networking Academy (CCNP)tm: CCNP Enterprise: Core Networking	3.5
Maj	CISN 351 ⁺ *	CISCO Networking Academy (CCNP)tm: CCNP Enterprise: Advanced Routing	3.5
Maj	CISN 303 ^{**}	Network Administration - Linux Server	3

+Prerequisite for CISN 350 & 351: CISN 342 with a grade of "C" or better or valid CISCO Certified Network Associate (CCNA) certification

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 the CIS faculty for course sequence adjustments.
- Department contact: Kevin Anderson - AndersK@scc.losrios.edu

Certificate of Achievement Requirements

*CISN 350 & 351 are typically only offered during the spring semester.

**CISN 303 is typically only offered during the spring semester.

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

Important links

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

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