



# Cybersecurity and Information Assurance 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:** 2023-24

**Total Units:** 31

## First Year

### Semester 1

**12.5 Units**

| CAT. | COURSE   | TITLE   | UNIT |
|------|----------|---|------|
| Maj  | CISN 300 | Network Systems Administration                              | 3    |
| Maj  | CISN 340 | CISCO Networking Academy (CCNA)tm: Introduction to Networks | 3.5  |
| Maj  | CISS 310 | Network Security Fundamentals                               | 3    |
| Maj  | CISS 315 | Ethical Hacking   | 3    |

### Semester 2

**12.5 Units**

| CAT. | COURSE     | TITLE   | UNIT |
|------|------------|---|------|
| Maj  | CISS 350   | Disaster Recovery   | 3    |
| Maj  | CISS 360 + | Computer Forensics and Investigation  | 3    |
| Maj  | CISS 330 + | Implementing Internet Security and Firewalls                                  | 3    |
| Maj  | CISN 341 + | CISCO Networking Academy (CCNA)tm:Switching, Routing, and Wireless Essentials | 3.5  |

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

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

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

### Summer Session

**6 Units**

| CAT. | COURSE     | TITLE   | UNIT |
|------|------------|---|------|
| Maj  | CISS 316 * | Cisco Networking Academy(R): CyberOps Associate | 3    |
| Maj  | CISS 321 + | Scripting for Cyber Security                    | 3    |

\*CISS 316 Offered Summer or Fall Semester

+ Prerequisite for **CISS 321**: CISN 340, CISS 310, or CISS 315 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.
- Department contact: Kevin Anderson

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### Important Links

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