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: 2024-25

Total Units: 60-61

First Year

Semester 1   13-14 Units

CAT.	COURSE	TITLE	UNIT	AA/AS GE
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 [*]	Freshman Seminar	3	IIIB
GE	ENGWR 300 [**] / 488 [H] / ESLW 340	College Composition	3-4	IIA

+ 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 IIIb, such as HCD 310-College Success.

**If you don't place directly in ENGWR 300 (check your e-Services account), you will need to take ENGWR 80/ENGWR 300 combo course.

Semester 2   15 Units

CAT.	COURSE	TITLE	UNIT	AA/AS GE
Maj	CISN 300	Network Systems Administration	3	
Maj	CISS 310	Network Security Fundamentals	3	
Maj	CISS 350	Disaster Recovery	3	
GE	MATH 300 [*]	Introduction to Mathematical Ideas	3	IIB
GE		Social & Behavioral Sciences	3	VB

*If you don't place directly in MATH 300 (check your e-Services account), you will need to take MATHS 95/MATH 300 combo course.

Second Year

Semester 3

16 Units

CAT.	COURSE	TITLE	UNIT	AA/AS GE
Maj	CISS 315	Ethical Hacking	3	
Maj	CISS 321 [+]	Scripting for Cyber Security	3	
Maj	CISS 330 [+]	Implementing Internet Security and Firewalls	3	
GE		American Institutions	3	VA
GE		Physical Education	1	IIIA
Maj	CISS 316 [*]	Cisco Networking Academy(R): CyberOps Associate	3	

+ 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	AA/AS GE
ME	CISS 360 [+*]	Computer Forensics and Investigation	3	
GE		Ethnic/Multicultural Studies	3	VI
GE		Natural Sciences	3	IV
GE		Humanities	3	I
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.

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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

Support courses required for English and Math per placement. **Check your e-Services account under "Academic Records" to determine your placements**.

Important Links

SCC General Counseling
Computer Science Information - Cybersecurity and Information Assurance
Business & Industry Meta Majors