

Cybersecurity Electives

This page lists some of the courses that can be used to meet the Cybersecurity Approved Electives requirements for the Cybersecurity program. This page is current for the 2019/2020 catalog – older catalogs may have different course numbers, different options, and/or different requirements. Check with the Department Undergraduate Advisor concerning possible courses not listed. This list is provided as a guide; the Undergraduate Catalog remains as the definitive source of requirements. *Note that not all of the courses listed below will be offered in any given academic year.*

Notes:

- 1) The Departmental cybersecurity elective courses are **not** open to Computer Science or Computer Engineering students.
- 2) The out-of-Department cybersecurity elective courses are **not** open to Computer Science, Computer Engineering, or Information Technology students.
- 3) See USF Course Inventory for course descriptions and a listing of prerequisites.
- 4) COP 4931 is the designation for special topic courses. Unless otherwise stated, the pre-requisite for COP 4931 is COP 4538 Data Structures and Algorithms for IT. The term “Department Elective” refers to any special topics course that is not already listed.
- 5) Students may earn up to 9 credit hours of COP 4900 and/or CIS 4947 credit, no more than 3 credit hours in any one given company for CIS 4947 credit. Internships for CIS 4947 must be in the area of cybersecurity.

College of Engineering – Department of Computer Science and Engineering	
COP 4931	Secure Internet of Things
COP 4931	Trustworthy Cyber Systems
COP 4931	Data and Information Security
COP 4931	Mobile and Wireless Security
COP 4931	Malware Analysis
COP 4931	Capture the Flag
College of Engineering – Department of Electrical Engineering	
>>> Electives are TBD (see CSE Department Advisor)	
College of Arts and Sciences – School of Information	
CIS 3360	Principles of Information Security
CIS 3362	Cryptography and Information Security
LIS 4779	Health Information Security
CIS 4361	Information Assurance and Security Management for IT
Muma College of Business – Department of Info Systems Decision Sciences	
ISM 4041	Global Cyber Ethics
ISM 4571	Cybersecurity Cases
College of Education – Department of Teaching and Learning	
EDG 3801	Cybersecurity and the Everyday Citizen

USFSM College of Business	
CIS 4203	Cyber Forensics and Investigations
CIS 4368	Database Security and Audits
CIS 4369	Web Application Security

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