



Interdisciplinary Track

REQUIREMENTS FOR THE CYBERSECURITY MINOR - (CYBR)

The courses listed below constitute the 16 minimum hours required for a minor in Cybersecurity. The Interdisciplinary Track has 10 required hours and 6 elective hours.

Please select the courses you intend on taking and email completed form to cybersecurity@tamu.edu.

Course	REQUIRED (10 hours)	Hours
TCMG 308	Cybersecurity and Digital Ethics	3
CSCE 110	Programming 1	
CSCE 111	Intro to Comp Sci Concepts and Program	4
CSCE 121	Intro. to Program Design and Concepts	
CSCE 206	Structured Programming in C	
CSCE 221	Data Structures and Algorithms	3
ESET 269	Embedded Systems Development in C	

Course	ELECTIVE (pick two)	Hours
BMEN 428	Micro. and Comm. in Med. Devices	3
FIVS 123	Forensic Investigations	3
FIVS 205	Intro to Forensic & Investigative Sci	3
ISYS 310	Network Comm. & Infrastructure	3
ISYS 315	Database Programming	3
ISYS 320	Business Sys. Analysis & Design	3
POLS 447	National Security Policy	3

Course	ELECTIVE (pick two)	Hours
CSCE 410	Operating Systems	3
CSCE 431	Software Engineering	3
CSCE 434	Compler Design	3
CSCE 436	Computer-Human Interaction	3
CSCE 451	Software Reverse Engineering	3
CSCE 463	Networks & Distributed Processing	3
CSCE 465	Computer & Network Security	3
MATH 470	Comm. and Cryptography	3
MATH 471	Comm. and Cryptography II	3

Course	ELECTIVE (pick two)	Hours
TCMG 303	Unix Sys. Administration Practices	4
TCMG 304	Server Sec, Id. and Access Mgmt	4
TCMG 316	Database Sys. Admin. and App.	4
TCMG 476	Technical Network Capstone	4
ECEN 424	Fundamentals of Networking	3
ESET 315	Local-and-Metro.-Area Networks	4
ESET 349	Microcontroller Architecture	4
ESET 415	Adv. Network Sys. and Security	3
ESET 455	Wireless Transmission Systems	4

*** Please use the online form at cybersecurity.tamu.edu/undergraduate/ to apply for a pre-requisites waver. But, if the waver is not accepted, students must meet pre-requisites and/or co-requisites.**

Additional Requirements:

1. A minimum GPR of 2.5 is required when entering the minor field of study
2. Must obtain a "C" or better in each course
3. Must achieve an overall GPR of 2.5 in approved minor field of study coursework
4. A minimum of 6 hours must be at the 300-400 level

I, hereby request approval to acquire a minor field of study from the College of Engineering under the rules of the University.

Student's Printed Name _____ Major _____ UIN _____

Student's Signature _____ Date _____ Are you in the Corps of Cadets? _____

Undergraduate Advisor Signature; Texas A&M Cybersecurity Center Authorization

Major Department Authorization

Date

Date entered in Compassby Major Department