

LOWER DIVISION MAJOR REQUIREMENTS (Area F – 18 Credit Hours)	
	ACCT 2101 – Principles of Accounting (3)
	ECON 2300 – Business Statistics (3) OR STAT 2332 – Probability and Data Analysis (3)
	IT 1114 – Programming Principles (3) AND IT 1114L – Programming Principles Lab (1)
	CSE 1321 – Programming and Problem Solving I (3) AND CSE 1321L – Programming and Problem Solving I Lab (1)
	CYBR 2310 – Software Assurance (3)
	One Credit Hour from Area D1 Students must take MATH 1190 or higher in Area D1. One credit hour from D1 will be counted in Area F.
UPPER DIVISION MAJOR REQUIREMENTS (36 Credit Hours)	
Upper Division Technical Core (12 Credit Hours)	
	CYBR 3123 – Hardware and Software Concepts (3)
	CYBR 3423 – Operating Systems Concepts & Administration (3)
	CYBR 4323 – Data Communications & Networking (3)
	CYBR 4423 – Linux/Unix Administration (3)
	One Credit Hour from Area D2 Students must take two four-hour laboratory sciences in Area D2. One credit from D2 will be counted in the major.
Upper Division Security Core (21 Credit Hours)	
	CYBR 3100 – Principles of Information Security (3)
	CYBR 3200 – Network Security (3)
	CYBR 3210 – Client Systems Security (3)
	CYBR 3300 – Management of Information Security (3)
	CYBR 4200 – Perimeter Defense (3)
	CYBR 4220 – Server Systems Security (3)
	CYBR 4330 – Incident Response and Contingency Planning (3)
Capstone (3 Credit Hours)	
	CYBR 4810 – Cyber Defense (3)

See prerequisite/corequisite requirements at: catalog.kennesaw.edu

See planned future course offerings at:
<https://www.kennesaw.edu/cybersecurity/resources/advising.php>

KSU CYBR Major Requirements – 2023

UPPER DIVISION MAJOR SPECIALIZATIONS (9 Credit Hours)	
Students to choose <u>one</u> track from:	
Systems Security Track	
	CYBR 3153 – Database Systems (3)
	CYBR 4843 – Ethical Hacking for Effective Defense (3) OR CYBR 4883 – Infrastructure Defense (3)
	CYBR 4350 – Management of Digital Forensics & eDiscovery (3) OR CYBR 4853 – Computer Forensics (3)
Network Security Track	
	CYBR 4333 – Network Configuration & Administration (3)
	CYBR 4833 – Wireless Security (3)
	CYBR 4893 – Internet of Things: Applications and Security (3)
Cybercrime Track	
	CRJU 1101 – Foundations of Criminal Justice (3)
	CYBR 3305 – Technology and Criminal Justice (3)
	CYBR 4305 – Technology and Cyber Crime (3)
UPPER DIVISION MAJOR ELECTIVES (9 Credit Hours) from:	
	CYBR 3220 – Global IS Project Management (3)
	CYBR 3223 – Software Acquisition and Project Management (3)
	CYBR 3396 – Cooperative Study (1-3)
	CYBR 3398 – Internship (1-9)
	CYBR 4400 – Directed Study (1-9)
	CYBR 4490 – Special Topics in Cybersecurity (1-9)
	Any 3xxx or 4xxx IS/ISA/IT/CS/CRJU course the student can meet the prerequisites for except restricted ISA or IT Security course (see advisor for complete listing)
Free Electives (5 Credit Hours)	