



KENNESAW STATE
UNIVERSITY

Double Owl Pathway

Undergraduate Program: BS in Cybersecurity (Institute for Cyber Workforce Development)

Academic Program Coordinator Contact Information: Herbert Mattord,
Institute for Cyber Workforce Development

Graduate Program: MS Cybersecurity (Institute for Cyber Workforce Development) (Note: This is a 30-hour program of study)

Academic Program Coordinator Contact Information: Hossain Shahriar

Pre-Double Owl Entrance Requirement

Pre-Double Owl Entrance Requirement	
CYBR 3100	

Double Owl Course Pairings:

Double Owl Scholars will NOT take the following BS CYBR courses:	In their place, Double Owl Scholars will take the following MS Cybersecurity courses:
CYBR 3300	CYBR 7300
CYBR 4330	CYBR 7350
CYBR Elective	CYBR 7200

Possible Pathway of Study (System Security track)

Double counted courses are in RED.

Year 1 - Fall (13 credits)	Credits	Year 1 - Spring (16 credits)	Credits
ENGL 1101- Composition I [A1]	3	ENGL 1102- Composition II [A1]	3
MATH 1113- Precalculus or Higher [A2]	3	MATH 1190- Calculus I [D1]	4
General Education- U.S. History [E2]	3	ECON 1000- Contemporary Economic Issues [B1]	2
CSE 1321- Programming & Problem Solving I	3	POLS 1101- American Government [E1]	3
CSE 1321L- Programming & Problem Solving I LAB	1	CSE 1322- Programming & Problem Solving II	3
		CSE 1322L- Programming & Problem Solving II LAB	1
TOTAL	13	TOTAL	16
Year 2 - Fall (16 credits)	Credits	Year 2 - Spring (16 credits)	Credits
CSE 2300- Discrete Structures for Computing or MATH 2345 Discrete Mathematics	3	Literature [C2]	3
General Education - (B2)	3	Science Process (STEM) [D2]	4
ACCT 2101 (F) - Principles of Accounting	3	MATH 2332/ECON2300 (Area F)	3
CYBR 3123- Hardware & Software Concepts	3	CYBR 3423- Operating Systems Concepts & Administration	3
CYBR 3100 - Principles of Cybersecurity	3	CYBR 4323- Data Communications & Networking	3
TOTAL	15	TOTAL	16
Apply to Double Owl Program			
Year 3 - Fall (16 credits)	Credits	Year 3 - Spring (15 credits)	Credits
General Education - (E4)	3	History [E3]	3
Science Process (STEM) [D2]	4	CYBR Elective 1 of 3	3
CYBR 3210 - Client Systems Security	3	CYBR Elective 2 of 3	3
CYBR 4423 - Linux/Unix Administration	3	CYBR 7300 - Management of Cybersecurity CYBR 3300 - Management of Cybersecurity in a Global Environment	3
CYBR 3200 - Network Security	3	CYBR 4200 - Perimeter Defense	3
TOTAL:	16	TOTAL:	15
Year 4 - Fall (14 credits)	Credits	Year 4 - Spring (14 credits)	Credits
Arts & Culture of the World [C1]	3	CYBR 7200 - Securing Enterprise Infrastructure CYBR Elective (1 of 3)	3
CYBR 4220 - Server Systems Security	3	CYBR Specialization course (2 of 3)	3
CYBR 7350 - Contingency Planning and Response CYBR 4330 - Incident Response and Contingency Planning	3	CYBR Specialization course (3 of 3)	3
CYBR Specialization course (1 of 3)	3	CYBR 4810 - Cybersecurity (capstone)	3
Free Elective (1 of 2)	3	Free Elective (2 of 2)	2
TOTAL:	15	TOTAL:	14

Apply to Graduate Program			
Year 5 - Fall (9 credits)	Credits	Year 5 - Spring (9 credits)	Credits
CYBR 7000 - Cyber Law, Policy and Enforcement	3	CYBR 7240 - Cyber Analytics and Intelligence	3
CYBR 7100 - Secure Application Development	3	CYBR 7050 - Cybercrime Detection, Analysis and Forensics	3
CYBR 7220 - Mobile and Cloud Security	3	CYBR 7400 - Introduction to Cryptography and It's Application	3
TOTAL:	9	TOTAL:	9
Year 6 - Fall (3 credits)	Credits	Year 6 - Fall	Credits
CYBR 7910 - Capstone in Cybersecurity Practicum OR CYBR 7930 - Capstone in Cybersecurity Management	3		
TOTAL:	3		

120 + 21=141 credit hours