



KENNESAW STATE
UNIVERSITY

Double Owl Pathway of Study

Undergraduate Program: **BASIT** (College of Computing and Software Engineering)
Academic Program Coordinator Contact Information: Hossain Shahriar, Department of Information Technology

Graduate Program: **MS Cybersecurity** (Institute for Cyber Workforce Development)
Academic Program Coordinator Contact Information: Hossain Shahriar

Double Owl Course Pairings

Double Owl Scholars will NOT take the following BASIT courses:	In their place, Double Owl Scholars will take the following MS Cybersecurity courses:
IT 4823	CYBR 7300
Directed Elective	CYBR 7200

Possible Pathway of Study

Double counted courses are in RED.

Year 1 - Fall (13 credits)	Credits	Year 1 - Spring (16 credits)	Credits
ENGL 1101 Composition I	3	CSE 1322 Programming & Problem Solving II	3
MATH 1113 Pre-calculus	3	CSE 1322L Programming & Problem Solving II Laboratory	1
ECON 1000 Contemporary Economy Issue	2	POLS 1101 – American Government	3
COM 1100 Human Communication	3	MATH 1190 – Calculus 1	4
CSE 1321 Programming & Problem Solving 1	3	HIST 1100, 1111 or 1112 - World History	3
CSE 1321L Programming & Problem Solving I Lab	1	ENGL 1102 Composition II	3
TOTAL	15	TOTAL	17
Year 2 – Fall (16 credits)	Credits	Year 2 - Spring (16 credits)	Credits
IT 3123 Hardware/software Concepts	3	IT 3423 Operating Systems Concepts & Adm	3
CSE 2300 Discrete Structures OR MATH 2345 Discrete Math	3	HIST 2111 or 2112 – US History	3
CSE 3153 Database Systems	3	Art/Dance/Music/TPS 1101 – Arts and Culture of the World	3
SCIENCE COURSE 1 – choose 4 credit hour Science course	4	CSE 3801 Professional Practices & Ethics	2
ENGL 2000 level Literature	3	IT 3223 Software Acquisition & Project Management	3
		IT 4323 Data Communications & Networks	3
TOTAL	16	TOTAL	17

Apply to Double Owl

Year 3 - Fall (16 credits)	Credits	Year 3 - Spring (15 credits)	Credits
IT 3003 Prof. Dev & Entrepreneurship	3	Directed Elective CYBR 7200- Securing Enterprise Infrastructure	3
IT 3203 Intro to Web Development	3	IT 4983 – Capstone	3
IT 4823 Information Security Administration CYBR 7300 – Management of Cybersecurity	3	IT 4683 Management of IT & HCI	3
IT 3883 - Advanced App Programming	4	SCIENCE COURSE 2 – choose 4 Cr. Hr Science course	4
CRJU/GEOG/PSYC/SOCI/STS 1101 or ANTH 1102 or ECON 2100	3		
TOTAL:	16	TOTAL:	13
Apply to Graduate Program			
Year 4 - Fall (9 credits)	Credits	Year 4 - Spring (6 credits)	Credits
CYBR 7000 - Cyber Law, Policy and Enforcement	3	CYBR 7240 - Cyber Analytics and Intelligence	3
CYBR 7220 - Mobile and Cloud Security	3	CYBR 7100 - Secure Application Development	3
CYBR 7350 - Contingency Planning for Cybersecurity	3	CYBR 7050 - Cybercrime Detection, Analysis and Forensics	3
TOTAL:	9	TOTAL:	9
Year 5 - Fall (9 credits)	Credits	Year 5 - Spring (6 credits)	Credits
CYBR 7400 - Introduction to Cryptography and It's Application	3		
CYBR 7910 - Capstone In Cybersecurity Practicum OR CYBR 7930 - Capstone in Cybersecurity Management	3		
TOTAL:	6	TOTAL:	6

