Undergraduate Program Name: BS in Information Technology
Graduate Program Name: MS in Cybersecurity

Course Pairs:

Double Owl Scholars will NOT take the following courses:	In their place, Double Owl Scholars will take the following courses:
IT 4823	CYBR 7300
IT 4843	CYBR 7200
IT 4833	CYBR 7220

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 or Higher [D1]	4
General Education- U.S. History [E2]	3	ECON 1000- Contemporary Economic Issues [B1]	2
CSE 1321- Programming & Problem Solving I Δ	3	General Education- World History [E3]	3
CSE 1321L- Programming & Problem Solving I Lab Δ	1	CSE 1322- Programming & Problem Solving II Δ	3
		CSE 1322L- Programming & Problem Solving II Lab Δ	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	General Education- Literature of the World [C2]	3
CSE 3153- Database Systems	3	General Education – Science Process (STEM) [D2]	4
IT 3003- Professional Development & Entrepreneurship	3	TCOM 2010- Technical Writing	3
IT 3123- Hardware & Software Concepts	3	MATH 2332- Probability & Data Analysis	3
IT 3883- Advanced Application Development	4	IT 3423- Operating Systems Concepts & Administration	3
TOTAL	16	TOTAL	16

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Year 3 - Fall (16 credits)	Credits	Year 3 - Spring (15 credits)	Credits
General Education- Social Sciences [E4]	3	POLS 1101- American Government [E1]	3
General Education – Science Process (STEM) [D2]	4	General Education- Cultural Perspectives [B2]	3
IT 3223- Software Acquisition & Project Management	3	IT 3203- Introduction to Web Development	3
IT 4323- Data Communications & Networking	3	IT 4683- Management of Information Technology & Human Computer Interaction	3
CYBR 7300 - Management of Cybersecurity ~~IT 4823- Information Security Administration & Privacy~~	3	Cyberoperation Concentration Elective (1 of 5)	3
TOTAL:	16	TOTAL:	15
Year 4 - Fall (14 credits)	Credits	Year 4 - Spring (14 credits)	Credits
General Education- Arts & Culture of the World [C1]	3	IT 4723- IT Policy & Law	3
CSE 3801- Professional Practice & Ethics	2	IT 4983- IT Capstone	3
CYBR 7200 - Securing Enterprise Infrastructure - Cyberoperation Concentration Elective (2 of 5)	3	Cyberoperation Concentration Elective (4 of 5)	3
CYBR 7220 - Mobile and Cloud Security - Cyberoperation Concentration Elective (3 of 5)	3	Cyberoperation Concentration Elective (5 of 5)	3
Free Elective (1 of 2)	3	Free Elective (2 of 2)	2
TOTAL:	14	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 7350 - Contingency Planning for Cybersecurity	3
CYBR 7050 - Cybercrime Detection, Analysis and Forensics	3	CYBR 7400 - Introduction to Cryptography and It's Application	3
Year 6 - Fall (3 credits)	Credits	Year 6 - Fall	Credits
CYBR 7910 - Capstone In Cybersecurity Practicum OR CYBR 7930 - Capstone in Cybersecurity Management	3		