



**KENNESAW STATE**  
UNIVERSITY

**Double Owl Pathway of Study**

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

**Double Owl Course Pairings**

Double Owl Scholars will NOT take the following BS in Information Technology courses:	In their place, Double Owl Scholars will take the following MS in Information Technology courses:
<b>Required Courses</b>	
IT 3223	IT 6423
IT 4823	IT 6823
<b>Choose one of the following based on your concentration</b>	
Data Analytics and Technology Concentration	
IT 4713	IT 6713
Enterprise Systems Concentration	
IT 3503	IT 6503
Cyber Operations Security Concentration	
IT 4833	IT 6833
Fintech Concentration	
IT 4613	IT 6773

**MSIT Capstone Option**

<b>Year 1 - Fall (13 credits)</b>	<b>Credits</b>	<b>Year 1 - Spring (16 credits)</b>	<b>Credits</b>
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	3	General Education- World History [E3]	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
<b>Year 2 - Fall (16 credits)</b>	<b>Credits</b>	<b>Year 2 - Spring (16 credits)</b>	<b>Credits</b>
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

<b>Apply to BSIT-MSIT Double Owl Program and Start Graduate Work</b>			
<b>Year 3 - Fall (16 credits)</b>	<b>Credits</b>	<b>Year 3 - Spring (15 credits)</b>	<b>Credits</b>
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
Replace IT 3223 with IT 6423	3	IT 3203- Introduction to Web Development	3
IT 4323- Data Communications & Networking	3	Replace IT 4823 with IT 6823	3
IT 4683- Management of Information Technology & Human Computer Interaction	3	Concentration Elective (1 of 5)	3
TOTAL:	16	TOTAL:	15
<b>Year 4 - Fall (14 credits)</b>	<b>Credits</b>	<b>Year 4 - Spring (14 credits)</b>	<b>Credits</b>
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
Replace Concentration Elective (2 of 5) with IT 6713 OR IT 6503 OR IT 6833 OR IT 6773	3	Concentration Elective (4 of 5)	3
Concentration Elective (3 of 5)	3	Concentration Elective (5 of 5)	3
Free Elective (1 of 2)	3	Free Elective (2 of 2)	2
TOTAL:	14	TOTAL:	14
<b>Year 5 - Fall (credits)</b>	<b>Credits</b>	<b>Year 5 - Spring (9 credits)</b>	<b>Credits</b>
IT 6203 – IT Design Studio	3	IT 6xxx or 7xxx Elective 3	3
IT 6413 – IT Service Delivery	3	IT 6xxx or 7xxx Elective 4	3
IT 6xxx or 7xxx Elective 1	3	IT 7993 – IT Capstone	3
IT 6xxx or 7xxx Elective 2	3		
TOTAL:	12	TOTAL:	9

**PROGRAM TOTAL: BSIT 120 + MSIT 30 – 9 hours from Double Owl = 141**

### **MSIT Thesis Option**

<b>Year 1 - Fall (13 credits)</b>	<b>Credits</b>	<b>Year 1 - Spring (16 credits)</b>	<b>Credits</b>
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	3	General Education- World History [E3]	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
<b>Year 2 - Fall (16 credits)</b>	<b>Credits</b>	<b>Year 2 - Spring (16 credits)</b>	<b>Credits</b>
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
<b>Apply to BSIT-MSIT Double Owl Program and Start Graduate Work</b>			
<b>Year 3 - Fall (16 credits)</b>	<b>Credits</b>	<b>Year 3 - Spring (15 credits)</b>	<b>Credits</b>
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
Replace IT 3223 with IT 6423	3	IT 3203- Introduction to Web Development	3
IT 4323- Data Communications & Networking	3	Replace IT 4823 with IT 6823	3
IT 4683- Management of Information Technology & Human Computer Interaction	3	Concentration Elective (1 of 5)	3
TOTAL:	16	TOTAL:	15
<b>Year 4 - Fall (14 credits)</b>	<b>Credits</b>	<b>Year 4 - Spring (14 credits)</b>	<b>Credits</b>
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
Replace Concentration Elective (2 of 5) with IT 6713 OR IT 6503 OR IT 6833 OR IT 6773	3	Concentration Elective (4 of 5)	3
Concentration Elective (3 of 5)	3	Concentration Elective (5 of 5)	3
Free Elective (1 of 2)	3	Free Elective (2 of 2)	2
TOTAL:	14	TOTAL:	14
<b>Year 5 - Fall (credits)</b>	<b>Credits</b>	<b>Year 5 - Spring (9 credits)</b>	<b>Credits</b>
IT 6203 – IT Design Studio	3	IT 6xxx or 7xxx Elective 2	3
IT 6413 – IT Service Delivery	3	IT 6xxx or 7xxx Elective 3	3
IT 6xxx or 7xxx Elective 1	3	IT 7999 – IT Thesis	3
IT 7999 - Thesis	3		
TOTAL:	12	TOTAL:	9

**PROGRAM TOTAL: BSIT 120 + MSIT 30 – 9 hours from Double Owl = 141**