



KENNESAW STATE
UNIVERSITY

Double Owl Pathway of Study

Undergraduate Program Name: B.S. in Chemistry – Integrative Chemistry Concentration

Graduate Program Name: M.S. in Data Science and Analytics

Pathway Description: Undergraduate students following the 2021 catalog revision for the B.S. in Chemistry – Integrative Chemistry Concentration may follow this path towards the M.S. in Data Science and Analytics.

Course Pairs:

Double Owl Scholars will NOT take the following courses:	In their place, Double Owl Scholars will be able to take 3 of the following MSASA courses
Integrative Elective	STAT 7100
Integrative Elective	STAT 7020
Integrative Elective	STAT 7210

Year 1 - Fall (credits)	Credits	Year 1 - Spring (credits)	Credits
MATH 1113	3	CHEM 1212	3
CHEM 1211	3	CHEM 1212L	1
CHEM 1211L	1	MATH 1190	4
ENGL 1101	3	ENGL 1102	3
B2: Cultural Perspectives	3	SCI or Free Elective	3
SCM 2000	3		
TOTAL SEMESTER CREDITS	16	TOTAL SEMESTER CREDITS	14
Year 2 - Fall (credits)	Credits	Year 2 - Spring (credits)	Credits
CHEM 3361	3	CHEM 3362	3
CHEM 3361L	1	CHEM 3362L	1
MATH 2202	4	CHEM 2800	3
PHYS 2211	3	CHEM 2800L	1
PHYS 2211L	1	PHYS 2212	3
POLS 1101	3	PHYS 2212L	1
		C1: Literature	3
TOTAL SEMESTER CREDITS	15	TOTAL SEMESTER CREDITS	15
Year 3 - Fall (credits)	Credits	Year 3 - Spring (credits)	Credits
CHEM 3050	3	CHEM 3105	3
CHEM 3000	3	CHEM 3105L	1
C2: Arts and Culture	3	SCI or Free Elective	8
E3: World History	3	ECON 1000	2
SCI or Free Elective	3		
TOTAL SEMESTER CREDITS	15	TOTAL SEMESTER CREDITS	14

		Apply for Double Owl Status	
Year 4 - Fall (credits)	Credits	Year 4 - Spring (credits)	Credits
CHEM 3500	3	CHEM 3030 or 3800 or 4300	3
E2: US History	3	CHEM 4310L	1
SCI or Free Elective	3	CHEM 3XXX-4XXX	3
STAT 7100	3	E2: Social Science	3
STAT 7020	3	STAT 7210	3
		Integrative Elective	3
TOTAL SEMESTER CREDITS	15	TOTAL SEMESTER CREDITS	16
		Apply to Graduate Program/Change to Graduate Status	
Year 5 - Fall (credits)	Credits	Year 5 - Spring (credits)	Credits
STAT 7010	3	STAT 7XXX or 8XXX Elective	3
STAT 7220 or STAT 7125	3	Additional STAT Elective	3
STAT 7XXX or 8XXX Elective	3	Project Course: STAT 7916 or STAT 7918 or STAT 7940	3
TOTAL SEMESTER CREDITS	9	TOTAL SEMESTER CREDITS	9
Year 6 - Fall (credits)	Credits	Year 6 - Spring (credits)	Credits
Additional STAT Elective	3		
Project Course: STAT 7916 or STAT 7918 or STAT 7940	3		
Project Course or Additional STAT Elective	3		
TOTAL SEMESTER CREDITS	9	TOTAL SEMESTER CREDITS	0

PATHWAY TOTAL: 120 + 27 = 147