



KENNESAW STATE  
UNIVERSITY

## Double Owl Pathway of Study

**Undergraduate Program Name:** B.S. in Chemistry  
**Graduate Program Name:** MAT in Secondary Education

Pathway Description: Undergraduate students following the 2021 catalog revision for the B.S. in Chemistry – Integrative Chemistry Concentration may follow this path towards the MAT in Secondary Education

### 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 MAT courses
Integrative Elective	SCED 6412
Integrative Elective	EDUC 6240
Integrative Elective	Science elective (graduate course with CHEM, SCI, or SCED prefix)

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			
<b>TOTAL SEMESTER CREDITS</b>	<b>16</b>	<b>TOTAL SEMESTER CREDITS</b>	<b>14</b>
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
		E2: Social Science	3
<b>TOTAL SEMESTER CREDITS</b>	<b>15</b>	<b>TOTAL SEMESTER CREDITS</b>	<b>15</b>
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		
<b>TOTAL SEMESTER CREDITS</b>	<b>15</b>	<b>TOTAL SEMESTER CREDITS</b>	<b>14</b>
<b>Apply for Double Owl Status</b>			
<b>Year 4 - Fall (credits)</b>	<b>Credits</b>	<b>Year 4 - Spring (credits)</b>	<b>Credits</b>
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
C1: Literature	3	EDUC 6240	3
CHEM, SCI, or SCED grad class	3	SCED 6412	3
		Integrative Elective	3
<b>TOTAL SEMESTER CREDITS</b>	<b>15</b>	<b>TOTAL SEMESTER CREDITS</b>	<b>16</b>
		<b>Apply to Graduate Program / Change to Graduate Status</b>	
<b>Year 4 - Summer (credits)</b>	<b>Credits</b>	<b>Year 5 - Fall (credits)</b>	<b>Credits</b>
INED 6431	3	INED 6400	3
ITEC 6200	3	SCED 6414	3
		EDUC 6610	0
		SCED 6650	3
<b>TOTAL SEMESTER CREDITS</b>	<b>6</b>	<b>TOTAL SEMESTER CREDITS</b>	<b>9</b>
<b>Year 5 - Spring (credits)</b>	<b>Credits</b>	<b>Year 5 - Summer (credits)</b>	<b>Credits</b>
SCED 6416	3	SCED 6418	3
SCED 6660	6		
<b>TOTAL SEMESTER CREDITS</b>	<b>9</b>	<b>TOTAL SEMESTER CREDITS</b>	<b>3</b>

**PATHWAY TOTAL: 147**