

**IMMACULATA UNIVERSITY**  
**FOUR-YEAR COURSE SEQUENCE SHEET**

**Department: CHEMISTRY**

**Major: Chemistry – Secondary Education**

**B.A.**

<b><i>Freshman Year - First Semester</i></b>	<b><i>Freshman Year – Second Semester</i></b>
<input type="checkbox"/> ELECTIVE (3) <b>or</b>	<input type="checkbox"/> ELECTIVE (3) <b>or</b>
<input type="checkbox"/> THE: Elective (3)	<input type="checkbox"/> THE: Elective (3)
<input type="checkbox"/> ENG 106: Composition I (3)	<input type="checkbox"/> ENG 107: Composition II (3)
<input type="checkbox"/> FOR LANG: (3)	<input type="checkbox"/> FOR LANG: (3)
<input type="checkbox"/> CHE 103: Fundamental Chemical Concepts I (4)	<input type="checkbox"/> CHE 104: Fundamental Chemical Concepts II (4)
<input type="checkbox"/> MATH 207: Introductory Analysis I (3) <b>or</b>	<input type="checkbox"/> MATH 208: Introductory Analysis II (3) <b>or</b>
<input type="checkbox"/> MATH 301: Calculus I (3)	<input type="checkbox"/> MATH 302: Calculus II (3)
<input type="checkbox"/> FYE (1)	<input type="checkbox"/> EXS 101 (2) <span style="float: right;"><b>(18 cr)</b></span>
<input type="checkbox"/> PHYS ED <span style="float: right;"><b>(17 cr)</b></span>	
<b><i>Sophomore Year - First Semester</i></b>	<b><i>Sophomore Year – Second Semester</i></b>
<input type="checkbox"/> ENG LIT (100 LEVEL): English Literature (3) <b>or</b>	<input type="checkbox"/> ENG LIT (100 LEVEL): English Literature (3) <b>or</b>
<input type="checkbox"/> PHI: Elective (3)	<input type="checkbox"/> PHI: Elective (3)
<input type="checkbox"/> EDU 302: Educational Psychology (3)	<input type="checkbox"/> CIS 201: Computer Literacy I (3) <b>or</b>
	<input type="checkbox"/> CIS 105: 3D Computing (3) <b>or</b>
	<input type="checkbox"/> CIS 207: Visual Basic Programming (3)
<input type="checkbox"/> HIST 115: World Civilization I (3)	<input type="checkbox"/> HIST 116: World Civilization II (3)
<input type="checkbox"/> CHE 211: Organic Chemistry I (4)	<input type="checkbox"/> CHE 212: Organic Chemistry II (4)
<input type="checkbox"/> PHY 203: Physics I (4)	<input type="checkbox"/> PHY 204: Physics II (4)
<input type="checkbox"/> EDU 201: Sophomore I Field Experience (0)	<input type="checkbox"/> EDU 202: Sophomore II Field Experience (0)
<input type="checkbox"/> PHYS ED (0) <span style="float: right;"><b>(17 cr)</b></span>	<input type="checkbox"/> PHYS ED (0) <span style="float: right;"><b>(17 cr)</b></span>
<b><i>Junior Year – First Semester</i></b>	<b><i>Junior Year – Second Semester</i></b>
<input type="checkbox"/> ELECTIVE (3) <b>or</b>	<input type="checkbox"/> ELECTIVE (3) <b>or</b>
<input type="checkbox"/> PHI: Elective (3)	<input type="checkbox"/> PHI: Elective (3)
<input type="checkbox"/> CHE 304: Instrumental Analysis (4)	<input type="checkbox"/> EDU 330: Reading in the Content Areas (3)
<input type="checkbox"/> CHE 313: Physical Chemistry I (4)	<input type="checkbox"/> CHE 314: Physical Chemistry II (4)
<input type="checkbox"/> EDU 310: Orientation to Teaching (3)	<input type="checkbox"/> BIOL 306: Mammalian Structure & Function (4): <b>or</b>
	<input type="checkbox"/> CHE 202: Introductory Biochemistry (3)
<input type="checkbox"/> EDU 381: Intro to Special Education (3)	<input type="checkbox"/> PSY 208: Statistics (3) (Social Science)
<input type="checkbox"/> EDU 203: Junior I Field Experience (0) <span style="float: right;"><b>(17 cr)</b></span>	<input type="checkbox"/> CHE 317: History of Chemistry (1)
	<input type="checkbox"/> EDU 204: Junior II Field Experience (0) <span style="float: right;"><b>(17-18 cr)</b></span>
<b><i>Senior Year – First Semester</i></b>	<b><i>Senior Year – Second Semester</i></b>
<input type="checkbox"/> THE: Elective (3)	<input type="checkbox"/> ELECTIVE (2)
<input type="checkbox"/> EDU 301: Social Foundations of Education (3)	<input type="checkbox"/> THE 218: Introduction to Christian Ethics (3)
<input type="checkbox"/> EDU 325: Student Teaching: Secondary (6) <span style="float: right;"><b>(12 cr)</b></span>	<input type="checkbox"/> BIOL 306: Mammalian Structure & Function (4): <b>or</b>
	<input type="checkbox"/> CHE 202: Introductory Biochemistry (3)
	<input type="checkbox"/> SOC SCI (PSY 324: Lifespan Development Psy ) (3)
<input type="checkbox"/> <b><i>CROSS CULTURAL REQUIREMENT</i></b>	<b><i>(11-12 cr)</i></b>