

**IMMACULATA UNIVERSITY**

**FOUR-YEAR COURSE SEQUENCE SHEET**

**Department: BIOLOGY**

**Major: BA in BIOLOGY**

**Prerequisites Included**

<b><i>Freshman Year - First Semester</i></b>	<b><i>Freshman Year – Second Semester</i></b>
<input type="checkbox"/> ENG 106: Composition I (3)	<input type="checkbox"/> ENG 107: Composition II (3)
<input type="checkbox"/> FOR LANG: Foreign Language I (3)	<input type="checkbox"/> FOR LANG: Foreign Language I (3)
<input type="checkbox"/> HIST 115: World Civilization I (3)	<input type="checkbox"/> HIST 116: World Civilization II (3)
<input type="checkbox"/> MATH 203: Intermediate College Math. I (3)	<input type="checkbox"/> MATH 204: Intermediate College Math. II (3)
<input type="checkbox"/> CHE 101: Basic College Chemistry I (3)	<input type="checkbox"/> CHE 102: Basic College Chemistry II (3)
<input type="checkbox"/> FYE (1) (16)	<input type="checkbox"/> EXS 101 (2) (17)
<b><i>Sophomore Year - First Semester</i></b>	<b><i>Sophomore Year – Second Semester</i></b>
<input type="checkbox"/> THE: Elective (3) <b>or</b>	<input type="checkbox"/> THE: Elective (3) <b>or</b>
<input type="checkbox"/> PHI: Elective (3)	<input type="checkbox"/> PHI: Elective (3)
<input type="checkbox"/> SOC SCI (PSY 208): Psychology Statistics (3) <b>or</b>	<input type="checkbox"/> SOC SCI (PSY 208): Psychology Statistics (3) <b>or</b>
<input type="checkbox"/> ENG LIT (100 LEVEL): English Literature (3)	<input type="checkbox"/> ENG LIT (100 LEVEL): English Literature (3)
<input type="checkbox"/> BIOL 233: Cell Biology (4)	<input type="checkbox"/> BIOL 234: Genetics (4)
<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"/> PHYS ED (17)	<input type="checkbox"/> PHYS ED (17)
<b><i>Junior Year – First Semester</i></b>	<b><i>Junior Year – Second Semester</i></b>
<input type="checkbox"/> THE 218: Introduction to Christian Ethics (3) <b>or</b>	<input type="checkbox"/> THE 218: Introduction to Christian Ethics (3) <b>or</b>
<input type="checkbox"/> PHI: Elective (3)	<input type="checkbox"/> PHI: Elective (3)
<input type="checkbox"/> BIOL 305: Evolution and Diversity (4)	<input type="checkbox"/> BIOL 306: Mammalian Structure & Function (4)
<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"/> BIOL 320: Junior Seminar (1) ( <i>see Note 1</i> ) (16)	(15)
<b><i>Senior Year – First Semester</i></b>	<b><i>Senior Year – Second Semester</i></b>
<input type="checkbox"/> THE: Elective (3) <b>or</b>	<input type="checkbox"/> THE: Elective (3) <b>or</b>
<input type="checkbox"/> SOC SCI: Elective (3)	<input type="checkbox"/> SOC SCI: Elective (3)
<input type="checkbox"/> BIOL 307: Ecology (4)	<input type="checkbox"/> BIOL 395 Senior Seminar (2) ( <i>see Note 1</i> )
<input type="checkbox"/> CONC ELEC (4): ( <i>see Note 2</i> )	<input type="checkbox"/> CONC ELEC (4): ( <i>see Note 2</i> )
<input type="checkbox"/> ELECTIVE (3): ( <i>see Note 3</i> )	<input type="checkbox"/> ELECTIVE (3): ( <i>see Note 3</i> )
<input type="checkbox"/> ELECTIVE (3): ( <i>see Note 3</i> )	<input type="checkbox"/> ELECTIVE (3): ( <i>see Note 3</i> )
<input type="checkbox"/> ELECTIVE (3): ( <i>see Note 3</i> ) (16-17)	<input type="checkbox"/> ELECTIVE (3): ( <i>see Note 3</i> ) (14-15)
<input type="checkbox"/> <u>CROSS CULTURAL REQUIREMENT</u>	

Notes

1. Seminar sequence: A minor in another subject within the normal 4 year college experience is not possible with this schedule; therefore; all biology students on this schedule will be required to take the BIOL320/BIOL395 seminar sequence.
2. Concentration electives (8 credits minimum) must come from BIOL300 level courses (includes CHE 330, Biochemistry).
3. Unrestricted electives to bring total credits to at least 128.