

IMMACULATA UNIVERSITY

FOUR-YEAR COURSE SEQUENCE SHEET

Department: MATHEMATICS, COMPUTER SCIENCE & PHYSICS

Major: MATHEMATICS/Secondary Education

B.A.

<i>Freshman Year - First Semester</i>	<i>Freshman Year – Second Semester</i>
<input type="checkbox"/> ELECTIVE (3) or	<input type="checkbox"/> ELECTIVE (3) or
<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: Foreign Language (3)	<input type="checkbox"/> FOR LANG: Foreign Language (3)
<input type="checkbox"/> MATH 301: Calculus I (3)	<input type="checkbox"/> MATH 302: Calculus II (3)
<input type="checkbox"/> CIS 201: Computer Literacy I (3)	<input type="checkbox"/> MATH 216: Fundamentals of Discrete Math (3)
<input type="checkbox"/> PHYS ED or EXS 101 (2)	<input type="checkbox"/> PHYS ED or EXS 101 (2)
<input type="checkbox"/> FYE (1) (16-18 cr)	(15-17 cr)
<i>Sophomore Year - First Semester</i>	<i>Sophomore Year – Second Semester</i>
<input type="checkbox"/> HIST 115: The Origins & Rise of World Civ (3)	<input type="checkbox"/> HIST 116: The Making of World Civilization (3)
<input type="checkbox"/> MATH 304: CALCULUS III (3)	<input type="checkbox"/> MATH 305: Calculus IV (3)
<input type="checkbox"/> CIS 105: 3D Computing (3)	<input type="checkbox"/> MATH 311: Linear Algebra (3) or <input type="checkbox"/> MATH 312: Modern Geometry (3)
<input type="checkbox"/> PHY 203: Physics (4)	<input type="checkbox"/> PHY 204: Physics (4)
<input type="checkbox"/> EDU 302: Educational Psychology (3)	<input type="checkbox"/> SOC SCI: Social Science elective (PSY 324): Lifespan Developmental Psychology (3)
<input type="checkbox"/> EDU 201: Sophomore Field Experience I (0)	<input type="checkbox"/> EDU 202: Sophomore Field Experience II (0)
<input type="checkbox"/> PHYS ED (0) (16 cr)	<input type="checkbox"/> PHYS ED (0) (16 cr)
<i>Junior Year – First Semester</i>	<i>Junior Year – Second Semester</i>
<input type="checkbox"/> ENG LIT (100 LEVEL):English Literature (3) or <input type="checkbox"/> PHI Elective (3)	<input type="checkbox"/> ENG LIT (100 LEVEL):English Literature (3) or <input type="checkbox"/> PHI Elective (3)
<input type="checkbox"/> SOC SCI: Elective (3) or <input type="checkbox"/> PHI Elective (3)	<input type="checkbox"/> SOC SCI: Elective or <input type="checkbox"/> PHI Elective (3)
<input type="checkbox"/> EDU 381: Introduction to the Education of the Exceptional Child/Young Adult (3)	<input type="checkbox"/> EDU 330: Reading in the Content Areas (3)
<input type="checkbox"/> MATH 314: Real Analysis I (3) or <input type="checkbox"/> MATH 310: Modern Algebra (3)	<input type="checkbox"/> DEPT ELECTIVE (3) MATH300+
<input type="checkbox"/> DEPT ELECTIVE (3) MATH300+ (MATH 409 suggested)	<input type="checkbox"/> MATH 312: Modern Geometry (3) or <input type="checkbox"/> MATH 311: Linear Algebra (3)
<input type="checkbox"/> EDU 310: Orientation to Teaching (3)	<input type="checkbox"/> ELECTIVE (CIS214) or <input type="checkbox"/> MATH 307: Probability & Statistics (3)
<input type="checkbox"/> EDU 203: Junior Field Experience I (0) (18 cr)	<input type="checkbox"/> EDU 204: Junior Field Experience II(0) (18 cr)
<i>Senior Year – First Semester</i>	<i>Senior Year – Second Semester</i>
<input type="checkbox"/> EDU 301: Social Foundation of Education (3)	<input type="checkbox"/> THE218: Intro to Christian Ethics (3)
	<input type="checkbox"/> THE ELECTIVE (3)
<input type="checkbox"/> EDU 325: Field Experience/Student Teaching/ Seminar: Secondary (6)	<input type="checkbox"/> MATH 410: Senior Seminar (3)
<input type="checkbox"/> MATH 310: Modern Algebra (3) or <input type="checkbox"/> MATH 314: Real Analysis I (3)	<input type="checkbox"/> ELECTIVE (CIS214) or <input type="checkbox"/> MATH 307: Probability & Statistics (3)
	<input type="checkbox"/> ELECTIVE (3 credit)
<input type="checkbox"/> CROSS CULTURAL REQUIREMENT (12 cr)	(15 cr)