

IMMACULATA UNIVERSITY

FOUR-YEAR COURSE SEQUENCE SHEET

Department: MATHEMATICS, COMPUTER SCIENCE & PHYSICS

Major: MATHEMATICS

B.A.

<i>Freshman Year - First Semester</i>	<i>Freshman Year – Second Semester</i>
<input type="checkbox"/> ELECTIVE (3) note: CIS201 can go here or	<input type="checkbox"/> CIS 218: Software Design & Programming (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 105 3 D Computing (3)	<input type="checkbox"/> MATH 216: Discrete Mathematics (3)
<input type="checkbox"/> PHYS ED (0) or EXS 101 (2)	<input type="checkbox"/> PHYS ED (0) or EXS 101 (2)
<input type="checkbox"/> FYE (1) <i>(16-18 cr)</i>	<i>(15-17 cr)</i>
<i>Sophomore Year - First Semester</i>	<i>Sophomore Year – Second Semester</i>
<input type="checkbox"/> ENG LIT (100 LEVEL): English Literature (3) or	<input type="checkbox"/> ENG LIT (100 LEVEL): English Literature (3) or
<input type="checkbox"/> PHI Elective (3)	<input type="checkbox"/> PHI Elective (3)
<input type="checkbox"/> HIST 115: The Origins and 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"/> Elective (3) or	<input type="checkbox"/> MATH 311: Linear Algebra (3) or
<input type="checkbox"/> THE Elective (3)	<input type="checkbox"/> Elective (3) (MATH 309: Differential Equations suggested)
<input type="checkbox"/> PHY 203:Physics I (4)	<input type="checkbox"/> PHY 204:Physics II (4)
<input type="checkbox"/> PHYS ED (0) <i>(16 cr)</i>	<input type="checkbox"/> PHYS ED (0) <i>(16 cr)</i>
<i>Junior Year – First Semester</i>	<i>Junior Year – Second Semester</i>
<input type="checkbox"/> SOC SCI: Elective (3) or	<input type="checkbox"/> SOC SCI: Elective (3) or
<input type="checkbox"/> PHI Elective (3)	<input type="checkbox"/> PHI Elective (3)
<input type="checkbox"/> THE 218: Intro to Christian Ethics (3) or	<input type="checkbox"/> THE 218: Intro to Christian Ethics (3) or
<input type="checkbox"/> ELECTIVE (3)	<input type="checkbox"/> ELECTIVE (3)
<input type="checkbox"/> MATH 314: Real Analysis I (3) or	<input type="checkbox"/> MATH 315: Real Analysis II (3) or
<input type="checkbox"/> MATH 310: Modern Algebra (3)	<input type="checkbox"/> MATH 307: Probability & Statistics (3)
<input type="checkbox"/> Elective (3) or	<input type="checkbox"/> MATH 311: Linear Algebra (3) or
<input type="checkbox"/> MATH 409: Directed Readings (3)	<input type="checkbox"/> Elective (3) (MATH 309: Differential Equations (3) suggested)
<input type="checkbox"/> ELECTIVE (3) or	<input type="checkbox"/> Elective (3) (MATH 400: Topics in Math (3) suggested)
<input type="checkbox"/> MATH 320: Complex Analysis (3)	
<input type="checkbox"/> Elective (3) <i>(18 cr)</i>	<i>(15 cr)</i>
<i>Senior Year – First Semester</i>	<i>Senior Year – Second Semester</i>
<input type="checkbox"/> MATH 314: Real Analysis I (3) or	<input type="checkbox"/> MATH 315: Real Analysis II (3) or
<input type="checkbox"/> MATH 310: Modern Algebra (3)	<input type="checkbox"/> MATH 307: Probability & Statistics (3)
<input type="checkbox"/> ELECTIVE (3) (MATH 308: Numerical Analysis or MATH 350: Operations Research <i>suggested</i>)	<input type="checkbox"/> MATH 410: Senior Seminar (3)
<input type="checkbox"/> THE ELECTIVE (3)	<input type="checkbox"/> SOC SCI ELECTIVE (3)
<input type="checkbox"/> ELECTIVE (3)	<input type="checkbox"/> ELECTIVE (3) (MATH 312: Geometry (3) suggested)
<input type="checkbox"/> MATH 409: Directed Readings (3) or	<input type="checkbox"/> ELECTIVE (3) (MATH 400: Topics in Math (3) suggested)
<input type="checkbox"/> Elective (3)	
	<i>(15 cr)</i>
<input type="checkbox"/> <i>CROSS CULTURAL REQUIREMENT (15 cr)</i>	