

First Year – Fall Semester			First Year – Spring Semester		
MATH 170	Analytic Geometry and Calculus I <i>MATH 143 with 'C' or better and 144, or sufficient exam scores</i>	4	MATH 175	Analytic Geometry and Calculus II <i>MATH 170 with a grade of 'C' or better</i>	4
ENGL 101	Introduction to College Writing	3	ENGL 102	College Writing and Rhetoric <i>ENGL 101 or sufficient test scores</i>	3
*COMM 101	Fundamentals of Oral Communication	2	CS 120	Computer Science I <i>MATH 143 or CS 112 with 'C' or better, or sufficient test scores</i>	4
	General Education Science Course (work with advisor to select)	4		Humanities/Social Science Elective	3
	American Diversity/International	3			
	Total Credits	16		Total Credits	14
Second Year – Fall Semester			Second Year – Spring Semester		
MATH 275	Analytic Geometry and Calculus III <i>MATH 175</i>	3	MATH 215	Proof via Number Theory <i>MATH 175 and 176</i>	3
MATH 176	Discrete Mathematics <i>MATH 143 or sufficient test score</i>	3	MATH 310	Ordinary Differential Equations <i>MATH 175; 275 recommended</i>	3
MATH 330	Linear Algebra <i>MATH 170; 175 recommended</i>	3		General Education Science Course (work with advisor to select)	4
	Humanities/Social Science	3		Humanities/Social Science	3
	American Diversity/International	3	ELECTIVE	Other elective as needed	3
	Total Credits	15		Total Credits	16
Third Year – Fall Semester			Third Year – Spring Semester		
MATH 451	Probability Theory (Fall only) <i>Math 275 or permission</i>	3	*MATH 437	Mathematical Biology (Spring only) <i>MATH 310 or permission</i>	3
*STAT 301	Probability and Statistics <i>Math 175</i>	3	MATH ELECTIVE	Mathematics Elective <i>Prerequisites vary by course</i>	3
UPDV ELECTIVE	Other elective as needed	3	ELECTIVE	Other elective as needed	3
UPDV ELECTIVE	Other elective as needed	3	QUANT ELECTIVE	Quantitative Elective <i>Prerequisites vary by course</i>	3
UPDV ELECTIVE	Other elective as needed	3		Humanities/Social Science	3
	Total Credits	15		Total Credits	15
Fourth Year – Fall Semester			Fourth Year – Spring Semester		
**MATH 415	Cryptography (Fall only) <i>MATH 330</i>	3	MATH 428	Numerical Methods (Spring only) <i>MATH 310</i>	3
MATH ELECTIVE	Mathematics Elective <i>Prerequisites vary by course</i>	3	MATH ELECTIVE	Mathematics Elective <i>Prerequisites vary by course</i>	3
QUANT ELECTIVE	Quantitative Elective <i>Prerequisites vary by course</i>	3	UPDV ELECTIVE	Other elective as needed	3
UPDV ELECTIVE	Other elective as needed	3	UPDV ELECTIVE	Other elective as needed	3
UPDV ELECTIVE	Other elective as needed	3	UPDV ELECTIVE	Other elective as needed	3
	Total Credits	15		Total Credits	15

Projected schedule of classes available here: <https://www.uidaho.edu/sci/math/academics/classes-offered>

*Other option(s) available

**Satisfies Senior Experience Requirement

Requirements subject to change. See UI Catalog for complete degree requirements and additional information. Courses in gold are prerequisites. Courses in italics are co-requisites. UPDV denotes "upper division"