

First Year – Fall Semester			First Year – Spring Semester		
MATH 170	Analytic Geometry and Calculus I MATH 143 with 'C' or better and 144, or sufficient exam scores	4	MATH 175	Analytic Geometry and Calculus II MATH 170 with a grade of 'C' or better	4
CHEM 111, 111L	Principles of Chemistry I and Lab Sufficient exam scores or 'C' or better in CHEM 101, 101L, MATH 143, 160, or 170; or permission	4	BIOL 115, 115L	Cells and the Evolution of Life with Lab CHEM 101, 101L, 111, 111L	4
ENGL 101	Introduction to College Writing	3	ENGL 102	College Writing and Rhetoric ENGL 101 or sufficient test scores	3
*COMM 101	Fundamentals of Oral Communication	2		Humanities/Social Science	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 MATH 175	3	*STAT 301	Probability and Statistics Math 175	3
MATH 330	Linear Algebra MATH 170; 175 recommended	3	*MATH 310	Ordinary Differential Equations MATH 175; 275 recommended	3
BIOL 114	Organisms and Environments	4	BIOL ELECTIVE	UPDV Biology Elective Prerequisites vary by course	3
	Humanities/Social Science	3	ELECTIVE	Other elective as needed	3
	American Diversity/International	3		Humanities/Social Science	3
	Total Credits	16		Total Credits	15
Third Year – Fall Semester			Third Year – Spring Semester		
MATH 451	Probability Theory (Fall only) Math 275 or permission	3	MATH 452	Mathematical Statistics (Spring only) Math 451 or permission	3
*STAT 431	Statistical Analysis STAT 251, 301, or 416	3	MATH 437	Mathematical Biology (Spring only) MATH 310 or permission	3
BIOL 310	Genetics (Fall only) BIOL 115, 115L or BIOL 250	3	BIOL ELECTIVE	UPDV Biology Elective Prerequisites vary by course	3
UPDV ELECTIVE	Other elective as needed	3	ELECTIVE	Other elective as needed	3
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 ELECTIVE	Mathematics Elective Prerequisites vary by course	3	MATH ELECTIVE	Mathematics Elective Prerequisites vary by course	3
BIOL 456	Computer Skills for Biologists (Fall only, alt years) BIOL 310 and STAT 251 or STAT 301; or permission	3	BIOL ELECTIVE	UPDV Biology Elective Prerequisites vary by course	3
BIOL ELECTIVE	UPDV Biology Elective Prerequisites vary by course	3	UPDV ELECTIVE	Other elective as needed	3
**MATH 415	Cryptography (Fall only) MATH 330	3	ELECTIVE	Other elective as needed	3
ELECTIVE	Other elective as needed	3	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