

# BACHELOR OF SCIENCE (120 cr. hours)

## Education Secondary Education: Life Science (Biology)

### 4-Year Degree Plan [sample]

#### YEAR ONE

Fall Semester (14 cr. hours)		credits	grade
	BIOL-L 101 Introduction to Biological Sciences 1	5	
	CHEM-C 105 Principles of Chemistry I	3	
	CHEM-C 125 Experimental Chemistry I	2	
FL Writing	ENG-W 131 Elementary Composition I	3	
FL Information Literacy	COAS-Q 110 Introduction to Information Literacy	1	

#### Spring Semester (16 cr. hours)

	BIOL-L 102 Introduction to Biological Sciences 2	5	
	CHEM-C 106 Principles of Chemistry II	3	
	CHEM-C 126 Experimental Chemistry II	2	
FL Critical Thinking	ENG-W 270 Argumentative Writing	3	
CC Art, Aesthetics, and Creativity	Art, Aesthetics, and Creativity Elective	3	

#### YEAR TWO

Fall Semester (15 cr. hours)		credits	grade
CC Hum. Beh. And Social Inst.	EDUC-P 250 General Educational Psychology	3	
	BIOL-L 211 Molecular Biology	3	
	CHEM-C 341 Organic Chemistry 1 Lectures	3	
	MATH-M 119 Brief Survey of Calculus 1	3	
CC Literary and Intellect. Trad.	Literary and Intellectual Traditions Elective	3	

#### Spring Semester (12 cr. hours)

FL Computer Literacy	EDUC-W 200 Using Computers in Education	3	
	BIOL-L 311 Genetics	3	
	BIOL-L 312 Cell Biology	3	
CC The Natural World	GEOL or AST-N 190 The Natural World Elective	3	

#### Summer Semester (5 cr. hours)

	PHYS-P 201 General Physics I	5	
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#### YEAR THREE

Fall Semester (16 cr. hours)		credits	grade
FL Oral Communication	EDUC-BE 201 Exploring the Personal Demands of Teaching	3	
	EDUC-BE 314 General Methods for Senior High-Junior High/Middle School Teachers	3	
FL Oral Communication	EDUC-H 340 Education and American Culture	3	
CSV Diversity in U.S. Society	HPER	1	
CSV Health and Wellness	EDUC-W 310 Integrating Technology K-12	3	
CC Visual Literacy	BIOL-L 318 Evolution	3	

#### Spring Semester (15 cr. hours)

	EDUC-M 464 Methods of Teaching Reading	3	
	EDUC-K 306 Teaching Students with Special Needs in Secondary Classrooms	3	
	EDUC-P 407 Psychological Measurement in the Schools	3	
	BIOL-L 473 Ecology	3	
CSV Non-Western Culture	EDUC-E 201 Multicultural Education and Global Awareness	3	

#### YEAR FOUR

Fall Semester (15 cr. hours)		credits	grade
	EDUC-BE 446 Secondary Methods: Science	3	
	EDUC-P 475 Adolescent Development and Classroom Management	3	
	PHSL-P 261 Human Anatomy and Physiology 1	5	
	Additional Laboratory Course Option	2	
CSV Health and Wellness	HPER	2	

#### Spring Semester (12 cr. hours)

	EDUC-M 420 Student Teaching Seminar	2	
	VT: Understanding Schools		
	EDUC-M 480 Student Teaching in the Secondary School	10	

FL Fundamental Literacies CSV Contemporary Social Values CC Common Core\* (at least one Common Core class must be at the 300 level)