

## BIOLOGY – ELEMENTARY EDUCATION BS DEGREE – 32 COURSE UNITS

### MAJOR COURSE REQUIREMENTS

Fulfill via completion of course requirements in three categories

Core Courses	Specialization Courses (5) and Options (5)	Correlate Courses (7)
ELE 201 – Child & Adolescent Development	BIO 099 – Orientation to Biology (zero course units)	CHE 201 - General Chemistry I
ELE 301 – Advanced Core Block: Integrating & Differentiating Instruction for All Learners (2 course units)	BIO 185 - Themes in Biology	CHE 202 - General Chemistry II
ELE 490 – Student Teaching (2 course units)	BIO 211 - Biology of the Eukaryotic Cell	CHE 331 - Organic Chemistry I
ELE 498 – Inquiry into Learning	BIO 221 - Ecology & Field Biology	MAT127 – Calculus A
MTT 202 – Teaching Math in EC/Elem/Mid School	BIO 231 - Genetics	MAT 105 – Math Structures & Algorithms for Educators I
MST 202 – Methods of Teaching Science, Health, and Technology	BIO 498 – Biological Seminar ( <i>Capstone</i> )	SCI 103 – Physical, Earth & Space Science
RAL 221 – Literacy Strategies, Assessment & Instruction – ELED	Organismal biology option course (from approved list)	SCI 104 – Inquiries in the Life Sciences
RAL 225 – Children’s Literature	Biology option course	
RAL 321 - Lit Learning Across the Curriculum ELED	Biology option course	
SOM 203 – Methods of Teaching Social Studies Multicultural Perspective	Biology option course	
	Biology option course	

### LIBERAL LEARNING REQUIREMENTS

Fulfill via Option 4 – Second Major

Arts & Humanities (1 course)	Social Science & History (1 course)	Natural Sciences & Quantitative Reasoning (Requirements fulfilled by major correlate courses above)
RAL 225 – Children’s Literature ( <i>included in major courses</i> )	ELE 201 – Child & Adolescent Development ( <i>included in major courses</i> )	Natural Science course
Visual or Performing Arts course from approved list	US history course from approved list	Quantitative Reasoning

### CIVIC RESPONSIBILITIES, PROFICIENCIES & ELECTIVES

Fulfill via completion of course requirements in three categories

Civic Responsibilities	Intellectual & Scholarly Growth	Electives (0.5)
IDS 103 – Community Engaged Learning ( <i>zero-credit requirement</i> )	IDS 102 – Information Literacy online tutorial ( <i>zero-credit requirement</i> )	
	(WRI 101 or 102 may be required freshman year)	
<b>Concepts</b> – ( <i>fulfilled through liberal learning, other courses, or sustained experience</i> )	<b>Writing Intensive Courses:</b>	
Gender	FSP First Seminar course	
Global Perspective	Mid-level course ( <i>fulfilled by BIO 221</i> )	
Race & Ethnicity	Capstone course ( <i>fulfilled by BIO 498</i> )	

Note: Full list of graduation requirements can be found in the College bulletin and department website.