

# Biology Major

## Secondary Education Certification 2016-2017

### Required Coursework

<u>Semester 1</u>	<u>Semester 2</u>
BIOL 120	BIOL 121
CHEM 105, C-PN	CHEM 107
PHIL 120, C-PF	THRS 117, C-TF
EDUC 120	EDUC 125

<u>Semester 3</u>	<u>Semester 4</u>
Sophomore Block	BIOL 201
EDUC 223	BIOL 244
EDUC 250	CHEM 220
EDUC 252	Elective/Minor/Core
EDUC 254	
EDUC 281	
EDUC 351	

<u>Semester 5</u>	<u>Semester 6</u>
Junior Block	BIOL 228
EDUC 330	Biology Elective
EDUC 332	Biology Elective
EDUC 333	Elective/Minor/Core
EDUC 334	
BIOL Elective	

<u>Semester 7</u>	<u>Semester 8</u>
Biology Elective	EDUC 450
Biology Elective	EDUC 455
Elective/Minor/Core	
Elective/Minor/Core	

### Requirement Checklist

- BIOL 120 General Biology 1
- BIOL 121 General Biology 2
- BIOL 201 Botany
- BIOL 228 Ecology
- BIOL 244 Genetics
- CHEM 105 General Chemistry 1, C-PN
- CHEM 107 General Chemistry 2
- CHEM 220 Organic Chemistry

### Five Biology Electives at the 200+ Level

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### Education Requirements

- EDUC 125 Foundations of US Education
- EDUC 130 Psychology for Teaching, C-IS
- EDUC 223 Instructional Technology (2cr)
- EDUC 250 Pre-Student Teaching Experience, Secondary School (2cr)
- EDUC 252 The Comprehensive High School (2cr)
- EDUC 254 Instructional Methodologies for Adolescents (2cr)
- EDUC 281 Teaching Children with Disabilities (2cr)
- EDUC 330 The Early Adolescent: Classroom Management (2cr)
- EDUC 332 The Adolescent: Psychology and Methods in the Middle School (2cr)
- EDUC 333 The Early Adolescent: Assessment (2cr)
- EDUC 334 Middle School Field Experience (2cr)
- EDUC 351 Reading and Language Arts Across Content Areas
- EDUC 352 Advanced Reading in Content Areas(2cr)
- EDUC 450 Student Teaching: Early Adolescence
- EDUC 455 Student Teaching: Adolescence
- SSCI 408 Social Inequalities, C-AD/DD