

# BIOLOGY MAJOR - SECONDARY EDUCATION

## Biology Major with a Minor in Secondary Education

Course	Title	Hours
<b>First Year</b>		
<b>Fall</b>		
CHEM 125 & CHEM 201	Introduction to Chemical Structure and Properties and Purification and Separation Lab I	5
INTG 100	Foundations (LF)	4
THEO 100	Theological Explorations (TE)	4
BIOL 101	Foundations of Biology	4
INTG 105	College Success	1
<b>Hours</b>		<b>18</b>
<b>Spring</b>		
EDUC 111	Introduction to Teaching and Learning in a Diverse World	4
LANG 111		4
Elective (INTG Requirement)		4
BIOL 201	Intermediate Cell Biology and Genetics	4
<b>Hours</b>		<b>16</b>
<b>Second Year</b>		
<b>Fall</b>		
MATH 119	Calculus I	4
LANG 112		4
BIOL 202	Evolution in Action	4
Elective (INTG Requirement)		4
<b>Hours</b>		<b>16</b>
<b>Spring</b>		
EDUC 203	Development, Learning, and Mental Health in Childhood and Adolescence	4
BIOL 316	General Genetics	4
LANG 211		4
EDUC 379A	Educational Psychology: Myths Versus Science	4
EDUC 213	Clinical Experience for K-12/5-12 Majors	2
<b>Hours</b>		<b>18</b>
<b>Third Year</b>		
<b>Fall</b>		
BIOL 323 or BIOL 327	Animal Physiology or Plant Physiology	4
BIOL 334 or BIOL 337	General Ecology or Aquatic Ecology	4
MATH 124	Probability and Statistical Inference	4
INTG REQ or Elective		4
<b>Hours</b>		<b>16</b>
<b>Spring</b>		
INTG REQ or Elective		4
BIO 3@@@		4
Additional MATH/COMP SCI/SCI course		4
Theological Integrations (TU)		4
EDUC 305	Human Exceptionalities: School, Home, and Community	1
<b>Hours</b>		<b>17</b>
<b>Fourth Year</b>		
<b>Fall</b>		
EDUC 355B	Social Science Pedagogy in Grades 9-12	4
EDUC 390	Ethics in Human Relations	4

BIOL 307	Biology of Microorganisms	4
Bio Capstone		2
EDUC 359	Issues in Education K-12	2
<b>Hours</b>		<b>16</b>
<b>Spring</b>		
EDUC 36@ Student Teaching		16
<b>Hours</b>		<b>16</b>
<b>Total Hours</b>		<b>133</b>