

# SECONDARY EDUCATION: SCIENCE/BIOLOGY (9-12) MAJOR

## Bachelor of Arts in Secondary Education (9-12): Biology Major (Four-Year Plan)

Academic planning is the student's responsibility. This Graduation Plan is designed to be a guide to assist students as they plan their course selections. This is only a suggested schedule, and is not a substitute for a student's Degree Audit, nor the Program Requirements in the Judson University Catalog. Actual course selections should be made with the advice and approval of an academic advisor. Students should become familiar with the catalog in effect at the time at which they entered the institution. Course requirements and sequencing may vary with AP courses, transfer courses, English/math placement, or other conditions.

A full-time course load for undergraduate students is 12-18 credits per semester. Illinois residents receiving state aid should register for 15 hours per semester.

Course	Title	Hours
<b>First Year</b>		
<b>First Semester</b>		
ENG101	Expository Writing (or ACT/SAT placement)	3
GEN101 or ESS101	Questions of Life: Entering the Judson Conversation <sup>1</sup> or Wellness	1
Physical Activity course		1
MAT211 or MAT215	Functions and Calculus I or Calculus w/Analytic Geometry I	3-5
BIO171	Principles of Biology w/Lab	4
CHM153	General Chemistry I w/Lab	4
<b>Hours</b>		<b>16-18</b>
<b>Second Semester</b>		
PSY111	Introduction to Psychology	3
ENG102	Critical Thinking and Writing (or ACT/SAT placement)	3
SPC120	Foundations of Speech	3
EDU101	Explorations in Education	3
EDU102	Day of Assessments	0
EDU131	Practicum I, Diversity	0
CHM154	General Chemistry II w/Lab	4
<b>Hours</b>		<b>16</b>
<b>Second Year</b>		
<b>First Semester</b>		
EDU202	Development and Learning	3
EDU214	Foundation of Language Minority Education	3
HIS262	History of Civilization II	3
PHY237	General Physics I w/Lab	4
BIO372 or BCM358	Cell Biology w/Lab or General Biochemistry I w/Lab	4
<b>Hours</b>		<b>17</b>
<b>Second Semester</b>		
BST110	Intro to the Christian Bible	3
EDU201	Strategic Education	2
EDU231H	Practicum II, Tchr Aid:Hometown	0
EDU231E	Practicum II,Tchr Aid:Elgin Area	1
EDU313	Cross-Cultural Education	3
BIO371	Microbiology w/Lab	5

PHY238	General Physics II w/Lab	4
<b>Hours</b>		<b>18</b>
<b>Summer Semester</b>		
PHS245	Astronomy w/Lab	4
Gen Ed Upper Division English Elective		3
<b>Hours</b>		<b>7</b>
<b>Third Year</b>		
<b>First Semester</b>		
THS110	Christian Faith: Understanding and Application	3
EDU301	Reflecting on the Conversation <sup>2</sup>	1
EDU337	Educational Assessments	3
EDU340	Intro to Secondary Methods	3
BIO273	Anatomy and Physiology I w/Lab	4
BIO378	Human Genetics w/Lab	4
<b>Hours</b>		<b>18</b>
<b>Second Semester</b>		
EDU325	Literacy Across the Curriculum	3
EDU346	Science Methods - Secondary	3
SPE328	Exceptional Child	3
PHS241	Earth Science I w/Lab	4
BIO274	Anatomy and Physiology II w/Lab	4
<b>Hours</b>		<b>17</b>
<b>Summer Semester</b>		
EDU331	Practicum III, Instr Asst	1
<b>Hours</b>		<b>1</b>
<b>Fourth Year</b>		
<b>First Semester</b>		
EDU411	Student Teaching	12
EDU491	Senior Seminar	3
Gen Ed Visual and Performing Arts Elective		3
<b>Hours</b>		<b>18</b>
<b>Second Semester</b>		
Gen Ed History Elective <sup>3</sup>		3
Gen Ed Biblical Studies Elective		3
GEN401	The Good Life: Continuing the Conversation	3
BIO177	Environmental Science w/Lab	4
BIO376	Evolutionary Theory/W Lab	4
<b>Hours</b>		<b>17</b>
<b>Total Hours</b>		<b>145-147</b>

<sup>1</sup> First-time students (those entering college directly from high school) should take GEN101; transfer students should take ESS101

<sup>2</sup> GEN301 equivalent

<sup>3</sup> HIS261 History of Civilization I (3 c.h.) recommended