

**BACHELOR OF ARTS IN BIOLOGY**

**Stu ID:** \_\_\_\_\_  
**Name** \_\_\_\_\_  
**Major(s)** Biology - BA \_\_\_\_\_  
**Minor(s)** \_\_\_\_\_

**Last Updated:** \_\_\_\_\_  
**Advisor:** \_\_\_\_\_  
**Catalog Yr:** 2018-19 \_\_\_\_\_  
**Grad Date:** \_\_\_\_\_

**Major Courses**

11 Courses; Minimum 30 credits; Minimum 19 credits from SU

BIO50-121	Investigation into Living Systems		
BIO50-123	Living Systems		
BIO50-131	Investigation in Genetics		
BIO50-133	Molecular & Population Genetics		
BIO50-222	Methods in Ecol/Evol Biology		
BIO50-232	Methods in Cell/Mol Biology		

**Take four BIO courses at 300+ level (2 of 4 must have labs)**

*Select one advanced cellular/molecular course from the following:*

BIO50-404	Cancer Biology (no lab)		
BIO50-464	Molecular Biology (lab)		
BIO50-484	Microbiology (lab)		
BIO50-494	Biology of Reproduction (no lab)		
BIO50-514	Cellular Physiology (lab)		
BIO50-534	Fundamentals of Immunology (no lab)		
CHE51-604	Principles of Biochemistry I (no lab)*		
CHE51-624	General Biochemistry II (no lab)*		

**\*Must add separate course to make it a course w/ lab option.**

*Select one advanced ecology/evolution course from the following:*

BIO50-314	Genetics (lab)		
BIO50-334	Evolutionary Biology (no lab)		
BIO50-374	Human Genetics and Evolution (no lab)		
BIO50-384	Conservation Biology (no lab)		
BIO50-434	Ecology (lab)		
BIO50-444	Invertebrate Ecology (lab)		
BIO50-474	Genetics, Genomics and Medicine (lab)		

*Select two additional courses (4 credits each) at 300-level or higher*

BIO50-XXX			
BIO50-XXX			

\* Human Anatomy cannot be used to satisfy any BIO course requirement.

**Biology Capstone Seminar**

*Select one of the two following options:*

BIO50-97X	Research in Biology (3 total credits reqd)		
BIO50-991	Biology Capstone Seminar		

**or**

BIO50-994	Biology Capstone Seminar		
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**Required Supporting Courses:**

		<b>Grade</b>	<b>Credit</b>
CHE51-101	Chemical Methods and Techniques Lab	E&B	0
CHE51-103	Principles of General Chemistry	E&B	0
CHE51-201	Chemical Kinetics & Equilibrium Lab		
CHE51-203	Chemical Kinetics & Equilibrium		
CHE51-311	Organic Chemistry I Lab		
CHE51-314	Organic Chemistry I		
MAT52-114	Introduction to Statistics	E&B	0

**University Electives Or Minor (optional):**


**GENERAL EDUCATION REQUIREMENTS**

At least 30 total credits required, minimum 3 credits required per course

**General Education Part I**

*First Year/Adv. Entry Seminar:*

UST05-014 or UST05-214			
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*Foreign Language (3 sem.)*


*Social Justice Course (may double count with any requirement):*

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*2 different FRAs:*


Total Earned Credits:	0
Total Southwestern Credits:	
Total Major Credits:	0
Total Gen Ed Credits:	0

**Exploration & Breadth - GE Part II**

Six total courses

BIO major and elective courses cannot be used to satisfy E & B requirements.  
*Select one course from each of the four following areas:*

**Humanities:**

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**Natural Sciences:**

MAT52-114	Introduction to Statistics		
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**Social Sciences:**

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**Fine Arts:**

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*Select two additional courses from the four areas listed above.  
Courses must be from different areas and from different subjects from above courses:*

CHE51-103/1	Principles of General Chemistry/Lab		

\*Public Speaking, College Writing and Creative Writing courses may not count in Exploration & Breadth

**Graduation Requirements:**

Minimum of 127 credits: \_\_\_\_\_  
Cumulative GPA > 2.0 \_\_\_\_\_  
GPA > 2.0 for Major and/or Areas of Concentration \_\_\_\_\_  
All grades C- or higher in major/minor/core? \_\_\_\_\_  
At least 64 credits completed at Southwestern\* \_\_\_\_\_  
Less than 56 credits of any 5 digit prefix\*\* \_\_\_\_\_  
Major credits completed (min 30 required) \_\_\_\_\_  
60% of Major courses completed at Southwestern (19cr) \_\_\_\_\_  
Gen Ed has minimum of 30 credits \_\_\_\_\_

**Minor (optional):**

Minimum 18 credits \_\_\_\_\_  
Minimum of 12 credits taken at Southwestern \_\_\_\_\_  
Minimum 2.0 minor courses CGPA \_\_\_\_\_

**Other:**

Degree Audit Completed (Due one year before grad date) \_\_\_\_\_  
Grad Application Submitted (Due start of final semester) \_\_\_\_\_  
Approved to be part time in last semester? \_\_\_\_\_

**Notes:**