

**General Education Requirements and Degree Information: BACHELOR OF SCIENCE IN BIOLOGY**

ID: \_\_\_\_\_  
 Name: \_\_\_\_\_  
 Major(s): \_\_\_\_\_

Date: \_\_\_\_\_  
 Advisor: \_\_\_\_\_  
 Catalog: \_\_\_\_\_  
 Grad date: \_\_\_\_\_

Course	Course Name	Grade	Credit
<i>First Year or Advanced Seminar</i>			
UST05-012			

Course	Course Name	Grade	Credit
<i>Foreign Language (4 sem.)</i>			

Course	Course Name	Grade	Credit
<i>Social Justice Course:</i>			

Course	Course Name	Grade	Credit
<i>Intercultural Perspective Course:</i>			

Course	Course Name	Grade	Credit
<i>Select two FRA's (FRA's cannot be same)</i>			

**B.S. Core:**

BIO50-102	Cell Biology	MAJOR	0
BIO50-112	Biodiversity	MAJOR	0
BIO50-122	Genetics and Evolution	MAJOR	0
BIO50-162	Genes & Molecules	MAJOR	0
CHE51-153	Principles of General Chemistry		
CHE51-151	Chemical Methods & Techniques		
CHE51-163	Chem Kinetics & Equilibrium		
CHE51-161	Chem Kinetics & Equilibrium Lab		
MAT52-154	Calculus I		
PHY53-154	Fundamentals of Physics I		
PHY53.194	Fundamentals of Physics II		

<i>Select one from the following: MAT52-114, MAT52-254 or 54-184</i>			

Course	Grade	Credit
<b>B.S. students need take only 7 of the 8 highlighted requirements</b>		

<i>Humanities: 2 courses, may be same dept.:</i>		

<i>Natural Sciences:</i>		
Exp. Lab:	CORE	0
MAT or CSC:	CORE	0

<i>Social Sciences: 2 courses, must be diff. depts:</i>		

<i>Fine Arts Lecture:</i>		

<i>Fine Arts Performance:</i>		

**Paideia:**

Cluster:	Grade	Credit
Course 1:		
Course 2:		
Course 3:		
Seminar:		
Distinction:		

Total Earned Credit:	0
Total Southwestern Credit:	_____
Total Major Credit:	0

A "C" average on all work attempted is required for graduation. No grade below "C-" may be counted toward the major or minor. At least 127 credits are required to earn a degree at Southwestern; of these, 64 credits must be completed in residence, including the last 32 credits. No more than 56 credit hours may be counted in one subject area. A major requires at least 30 credits, 60% upper-level, and a minor (optional) requires at least 18 credits (at least 12 upper-level). With the exception of FRAs and the FY/AES seminar, all gen.ed. requirements require a minimum of 3 credits, including Fine Arts Performance.

## BIOLOGY MAJOR (BS)

<b>Major Courses:</b>		<b>Grade</b>	<b>Credit</b>
BIO50-102	Cell Biology		
BIO50-112	Biodiversity		
BIO50-122	Genetics and Evolution		
BIO50-162	Genes and Molecules		
BIO50-222	Methods in Ecol/Evol Bio		
BIO50-232	Methods in Cell/Mol Bio		

**6 BIOL courses at 300+ level (4/6 must have labs)**

1 advanced cell/molec. course :

BIO50-XXX	BIO50-xxx		
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1 advanced organismal course:

BIO50-XXX	BIO50-xxx		
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1 advanced ecol/evol. bio course:

BIO50-XXX			
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3 additional courses 300+

BIO50-XXX	BIO50-xxx (300-level or higher)		
BIO50-XXX	BIO50-xxx (300-level or higher)		
BIO50-XXX	BIO50-xxx (300-level or higher)		

*\*\*Capstone is considered complete upon successful completion of six 300+ courses listed above*

**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 \_\_\_\_\_
- 50% of Major courses are upper level \_\_\_\_\_

**Minor (optional):**

- Minimum 18 credits \_\_\_\_\_
- Minimum 12 upper level 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) \_\_\_\_\_

<b>Major Support Courses (plus B.S. core):</b>		<b>Grade</b>	<b>Credit</b>
CHE51-543	Organic Chemistry I		
CHE51-541	Organic Chemistry I Lab		
CHE51-553	Organic Chemistry II		
CHE51-551	Organic Chemistry II Lab		

<b>Electives:</b>		<b>Grade</b>	<b>Credit</b>

**Notes:**