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

Student ID: __________________________________________ Name: __________________________________________
Major: Biology - BS Advisor: __________________________________________
Minor: __________________________________________ Date: ____________________________
Catalog Yr: 2015-16 Ant Grad Date: ____________________________

FY/Adv. Entry Seminar: __________________________ Grade ____________ Credit ____________

UST05-012

Foreign Language (4 sem.)

Social Justice Course:

Intercultural Perspective Course:

2 different FRAs:

B.S. students need take only 7 of the 8 highlighted requirements

Biology: 2 courses, may be same dept.:

Humanities: 2 courses, may be same dept.:

Natural Sciences:

Exp. Lab: CORE 0

MAT or CSC: CORE 0

Social Sciences: 2 courses, must be diff. depts:

Fine Arts Lecture:

Fine Arts Performance:

B.S. Core:

BIO50-123/121 Living Systems/Invest. Living Systems MAJOR 0
BIO50-133-131 Molecular & Population Genetics/Invest. Genetics MAJOR 0
CHE51-153/151 Prin of General Chemistry/Chem Methods & Tech
CHE51-163/161
MAT 52-154 Calculus I
PHYS 53-154 Fundamentals of Physics I
PHYS 53-164 Fundamentals of Physics II
Take one of the following:
MAT52-114 Introduction to Statistics
MAT52-254 Calculus II
CSC54-184 Computer Science I

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)

Major Courses:

BiO50-123 Living Systems
BiO50-121 Investigation into Living Systems
BiO50-133 Molecular & Population Genetics
BiO50-131 Investigation in Genetics
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-XX4

Major Courses: Grade Credit

BiO50-123 Living Systems
BiO50-121 Investigation into Living Systems
BiO50-133 Molecular & Population Genetics
BiO50-131 Investigation in Genetics
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-XX4

Paideia:

Cluster:

Course 1:

Course 2:

Course 3:

Seminar:

Distinction:

Paideia: Grade Credit

Cluster:

Course 1:

Course 2:

Course 3:

Seminar:

Distinction:

University Electives:

6 BIOL courses at 300+ level (4/6 must have labs)
1 advanced cell/molec. course :
BiO50-XX4

University Electives:

6 BIOL courses at 300+ level (4/6 must have labs)
1 advanced cell/molec. course :
BiO50-XX4
**1 advanced ecol/evol. bio course:**

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<tr>
<th>Course</th>
<th>Credits</th>
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<td>BIO50-XX4</td>
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**4 additional BIO courses (300 + level):**

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**Major Support Courses (plus B.S. core):**

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<tr>
<td>CHE51-543/541</td>
<td>Organic Chemistry I w/lab</td>
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<tr>
<td>CHE51-553/551</td>
<td>Organic Chemistry II w/lab</td>
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**Total Earned Credit:** 0

**Total Southwestern Credit:**

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**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

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**Minor (optional):**

- Minimum 18 credits
- Minimum 12 upper level credits
- Minimum of 12 credits taken at Southwestern
- Minimum 2.0 minor courses CGPA

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**Other:**

- Degree Audit Completed (Due one year before grad date)
- Grad Application Submitted (Due start of final semester)