Academic Advisement Report
UGRD.USCNC.BIOLBS
Undergraduate Career
College of Science Program
Biology Major (BS)
Requirement Term: Fall 2010

Undergraduate Graduation Requirements (RG511)
All course work and requirements for this degree must be completed prior to the date the degree is awarded. The University of Arizona requirements to follow in this audit are required for graduation and awarding of the degree.

Curriculum:
1. The University of Arizona and the Arizona Board of Regents have sole discretion over all curricula changes.
2. Courses, programs & requirements may be suspended, deleted, restricted, or changed in any manner, at any time.
3. Students must remain currently informed about all policies & other info that bears on completing a degree.

Required Units:
Additional units will be required to complete this degree if a student:
A) is admitted to the UA with deficiencies;
B) changes his/her academic plan(s);
C) fails to meet minimum course/plan requirements;
D) ineffectively plans or fails to execute a course of study that leads directly to degree completion; or
E) is completing more than one baccalaureate degree.

The following requirements must be met for graduation.

Units Required and Cumulative GPA (R2903/L10)
120 units are required at a 2.0 GPA. View the pdf report grid for units earned toward this degree and cumulative GPA.
Completing a second bachelor’s degree at The University of Arizona requires no fewer than 30 units in addition to the units required for the first degree, and all requirements for the second degree must be met.

Upper Division Units (R538/L40)
Not Satisfied: A minimum of 42 units of upper-division credit are required for this degree.
- Units: 42.00 required, 0.00 completed, 42.00 needed

Units in Residence (R538/L60)
Not Satisfied: A minimum of 30 units in residence at The University of Arizona (excluding correspondence credit and credit by exam) is required.
- Units: 30.00 required, 0.00 completed, 30.00 needed

Final Units in Residence (R538/L70)
Not Satisfied: A minimum of 18 of the final 30 units taken toward degree requirements must be in residence at The University of Arizona.
- Units: 18.00 required, 0.00 completed, 18.00 needed

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Correspondence and/or Exam Credit Limit
Satisfied: A maximum of 60 units of Correspondence Credit and/or Exam Credit may apply toward graduation.

Non Degree Seeking Limit
A maximum of 15 units completed as a non-degree seeking student may be used for fulfilling undergraduate degree requirements.
Units exceeding this limit must be subtracted from the units required towards the degree and graduation requirements.

Community College Limit
Not Satisfied: A maximum of 64 units of community college course work may apply toward graduation. A minimum of 56 units of course work must be completed at a 4-year institution, military institution, or as test credit.

- Units: 56.00 required, 0.00 completed, 56.00 needed

Success Course Limit
Satisfied: No more than 3 units will apply toward a student's graduation requirements.
Success Course units exceeding the 3 unit maximum must be subtracted from the total units, residency requirements and cumulative grade point average.

Foundation Mathematics
Not Satisfied: Foundation Mathematics

GE Substantial Math Strand
Not Satisfied: GE Substantial Math Strand

GE Substantial Math Strand
Not Satisfied: Complete 1 course from MATH 124,125,129,223 TO 499.

- Units: 2.67 required, 0.00 completed, 2.67 needed
Courses Available

MATH 124, MATH 125, MATH 125-CC, MATH 129, MATH 129-CC, MATH 215, MATH 223, MATH 223-CC, MATH 250A, MATH 254, MATH 254-CC

Undergraduate General Education and Foundation Requirements

Overall Requirement Not Satisfied: Undergraduate General Education and Foundation Requirements

Foundation Composition

Not Satisfied: Complete 1 of the 2 following options:
1. First and Second Semester Composition OR
2. Honors Composition

Mid-Career Writing Assessment - Complete 2nd semester English Composition with a B grade or higher. Students who do not earn a grade of B or better in 2nd semester English Composition must also satisfy a college or department writing requirement. Consult your major advisor if you do not earn a grade of B in 2nd semester English Composition.

Option 1: First Semester Composition

Not Satisfied: Complete 1 course.

Courses: 1.00 required, 0.00 completed, 1.00 needed

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Courses Available

ENGL 101, ENGL 103H, ENGL 107

AND Option 1: Second Semester Composition

Not Satisfied: AND Complete 1 course

Courses: 1.00 required, 0.00 completed, 1.00 needed

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Courses Available

ENGL 102, ENGL 104H, ENGL 108

OR Option 2: Honors Composition

Not Satisfied: OR Complete 1 course with a C or better.

Courses: 1.00 required, 0.00 completed, 1.00 needed

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Courses Available

ENGL 109H
Foundation Second Language - Second Semester Proficiency

**Not Satisfied:** Credit will not be given for a course at an equivalent or lower level than prior language credit earned. Course must be taken for a grade, not as pass/fail. Third semester or higher courses used to fulfill this requirement may also be used to fulfill other requirements.

Demonstrate second semester proficiency in a second language by completing a second semester or higher language course or by passing a language proficiency examination at the second semester level or higher.

**Second Semester Language Course**

**Not Satisfied:** Complete 1 course.


- **Courses:** 1.00 required, 0.00 completed, 1.00 needed

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**Courses Available**


**General Education Tier I**

**Overall Requirement Not Satisfied:** Complete 2 courses in each of the following areas.

**Tier I Individuals & Societies**

**Not Satisfied:** Fulfillment of Individuals and Societies requires completion of two distinctly numbered courses (e.g., INDV 101 & 103).

- **Courses:** 2.00 required, 0.00 completed, 2.00 needed

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**Courses Available**

INDV 101, INDV 101-SA, INDV 102, INDV 102-SA, INDV 103, INDV 103-CC, INDV 103-SA, (***) (###)

**Tier I Traditions & Cultures**

**Not Satisfied:** Fulfillment of Traditions and Cultures requires completion of two distinctly numbered courses (e.g., TRAD 102 & 104).

- **Courses:** 2.00 required, 0.00 completed, 2.00 needed
Courses Available

TRAD 101, TRAD 101-CC, TRAD 102, TRAD 102-CC, TRAD 103, TRAD 103-SA, TRAD 104, TRAD 104-SA, (***) (###)

General Education Tier II

Overall Requirement Not Satisfied: Complete 1 course from each of the following areas.

Tier II Arts:

Not Satisfied: Complete 3 units.

- **Units**: 3.00 required, 0.00 completed, 3.00 needed

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Courses Available


Tier II Humanities:

Not Satisfied: Prerequisite course work in Tier 1 Traditions and Cultures (TRAD) must be completed prior to taking. If LAT 201 or 202 are used to fulfill Foundation Second Language Proficiency, they cannot be used to fulfill Tier II Humanities.

- **Courses**: 1.00 required, 0.00 completed, 1.00 needed

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Courses Available


Tier II Individual & Societies:

Not Satisfied: Prerequisite course work in Tier 1 Individuals and Societies (INDV) must be completed prior to taking.

- **Courses**: 1.00 required, 0.00 completed, 1.00 needed
### Courses Available


### Diversity Emphasis Course

Not Satisfied: One course must be taken that focuses on Gender, Race, Class, Ethnicity, Sexual Orientation or Non-Western Area Studies.

Courses used to fulfill this requirement may also be used to fulfill other requirements.

### Diversity Emphasis Course

Not Satisfied: General Education Diversity Emphasis Course: Gender, Race, Class, Ethnicity, Sexual Orientation or Non-Western Area Studies.

INDV 101 will only fulfill this area if topic taken is “Race, Ethnicity, and the American Dream”.

- **Courses:** 1.00 required, 0.00 completed, 1.00 needed
Additional Coursework
Courses listed in this section may include general elective credits, UA courses and transferable courses from other institutions. Consult with your advisor to determine if courses listed in this section may be used to fulfill a requirement or sub-requirement in your degree program.

Courses taken for Pass/Fail option can only count as elective credit. They cannot fulfill any General Education, Major, or Minor requirements.

BS in Biology
Overall Requirement Not Satisfied: Bachelor of Science in Biology

You must complete 1 of the following:
Biomedical Sciences Option
Bioinformatics Option
Organismal Biology Option

Science Foundation Courses Chemistry Requirement
Overall Requirement Not Satisfied: Complete 2 semesters of Introductory Chemistry and 2 semesters of Organic Chemistry.

1. First Semester Introductory Chemistry
   Not Satisfied: Complete Chem 151
   - Courses: 1.00 required, 0.00 completed, 1.00 needed

   Courses Available
   CHEM 151, (***) (###)

   OR 1. First Semester Introductory Chemistry
   Not Satisfied: Complete CHEM 103A and 104A
   - Courses: 2.00 required, 0.00 completed, 2.00 needed

   Courses Available
   CHEM 103A, CHEM 103A-CC, CHEM 104A
   OR 1. First Semester Introductory Chemistry
   Not Satisfied: Complete CHEM 105A and 106A
   - Courses: 2.00 required, 0.00 completed, 2.00 needed

   Courses Available
   CHEM 105A, CHEM 105A-CC, CHEM 106A

COURSES AVAILABLE

CHEM 105A, CHEM 106A

2. Second Semester Introductory Chemistry

Not Satisfied: Complete CHEM 152

· Courses: 1.00 required, 0.00 completed, 1.00 needed

COURSES AVAILABLE

CHEM 152, (***) (###)

OR 2. Second Semester Introductory Chemistry

Not Satisfied: Complete CHEM 103B and 104B

· Courses: 2.00 required, 0.00 completed, 2.00 needed

COURSES AVAILABLE

CHEM 103B, CHEM 103B-CC, CHEM 104B

OR 2. Second Semester Introductory Chemistry

Not Satisfied: Complete CHEM 105B and 106B

· Courses: 2.00 required, 0.00 completed, 2.00 needed

COURSES AVAILABLE

CHEM 105B, CHEM 106B

3. First Semester Organic Chemistry

Not Satisfied: Complete CHEM 241A and 243A

· Courses: 2.00 required, 0.00 completed, 2.00 needed
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**Courses Available**

CHEM 241A, CHEM 243A, (***) (###)

OR 3. First Semester Organic Chemistry  

**Not Satisfied:** Complete CHEM 242A and 244A

- **Courses:** 2.00 required, 0.00 completed, 2.00 needed

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**Courses Available**

CHEM 242A, CHEM 244A

OR 3. First Semester Organic Chemistry  

**Not Satisfied:** Complete CHEM 246A and 247A

- **Courses:** 2.00 required, 0.00 completed, 2.00 needed

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**Courses Available**

CHEM 246A, CHEM 247A

4. Second Semester Organic Chemistry  

**Not Satisfied:** Complete CHEM 241B and 243B

- **Courses:** 2.00 required, 0.00 completed, 2.00 needed

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**Courses Available**

CHEM 241B, CHEM 243B, (***) (###)

OR 4. Second Semester Organic Chemistry  

**Not Satisfied:** Complete CHEM 242B and 244B

- **Courses:** 2.00 required, 0.00 completed, 2.00 needed
### Courses Available

**CHEM 242B, CHEM 244B**

**OR 4. Second Semester Organic Chemistry**

**Not Satisfied:** Complete CHEM 246B and 247B

- **Courses:** 2.00 required, 0.00 completed, 2.00 needed

### Courses Available

**CHEM 246B, CHEM 247B**

**Science Foundation Physics and Math Requirement**

**Overall Requirement Not Satisfied:** Science Foundation Physics and Math Requirement

1. **Introductory Physics**

   **Not Satisfied:** Complete 2 courses.

   - **Courses:** 2.00 required, 0.00 completed, 2.00 needed

### Courses Available

**PHYS 131, PHYS 131-CC**

**OR 1. Introductory Physics**

**Not Satisfied:** Complete 4 courses.

- **Courses:** 4.00 required, 0.00 completed, 4.00 needed
Courses Available

PHYS 102, PHYS 102-CC, PHYS 103, PHYS 103-CC, PHYS 181, PHYS 182

2. Calculus I
   Not Satisfied: Complete 1 course.
   - Courses: 1.00 required, 0.00 completed, 1.00 needed

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Courses Available

MATH 124, MATH 125, MATH 125-CC

3. Calculus II
   Not Satisfied: Complete 1 course
   - Courses: 1.00 required, 0.00 completed, 1.00 needed

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Courses Available

MATH 129, MATH 129-CC

3. Statistics
   Not Satisfied: Complete 1 course
   - Courses: 1.00 required, 0.00 completed, 1.00 needed

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Core Courses

Overall Requirement Not Satisfied: Core Courses

1. Introductory Biology I

Courses Available

MCB 184

1. Introductory Biology I
   Not Satisfied: Complete 2 courses.
   - Units: 0.00 completed
   - Courses: 2.00 required, 0.00 completed, 2.00 needed

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**Courses Available**


#### 2. Introductory Biology II

(\textit{R1304L.15})

#### 2. Introductory Biology II

Not Satisfied: Complete 2 courses.

- **Courses:** 2.00 required, 0.00 completed, 2.00 needed

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### Courses Available

ECOL 182L, ECOL 182R

#### 3. Additional Courses

(\textit{R1304L.40})

Not Satisfied: Complete 3 courses.

- **Courses:** 3.00 required, 0.00 completed, 3.00 needed

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### Courses Available

ECOL 302, ECOL 320, ECOL 335

#### Sub-Plan Required

(\textit{R3251})

Not Satisfied: A sub-plan is required for this major. Please consult with your advisor.

Select 1 from the following Options: Bioinformatics Option or Biomedical Sciences Option or Organismal Biology Option.