Undergraduate Graduation Requirements

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. 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.

The following requirements must be met for graduation.

Units Required and Cumulative GPA
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
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
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
A minimum of 18 of the final 30 units taken toward degree requirements must be in residence at The University of Arizona. Consult with your academic advisor if you plan to use transfer credits to fulfill your degree requirements.

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

- Units: 0.00 completed
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 (shown below) 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.
All Success courses taken can be seen below. Success Course units exceeding the 3 unit maximum must be subtracted from the total units, residency requirements and cumulative grade point average.

PE Activity Course Limit
Satisfied: No more than 3 units will apply toward a student's graduation requirements.
All PE activity courses taken can be seen below. PE Activity 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 Moderate Math Strand
Not Satisfied: Complete 1 course.
- Units: 2.67 required, 0.00 completed, 2.67 needed
- Courses: 0.00 completed

Courses Available
MATH 109C, MATH 112, MATH 112-CC, MATH 113, MATH 113-CC, MATH 115A, MATH 115B, MATH 116, MATH 120R, MATH 120R-CC, MATH 122B, MATH 124, MATH 125, MATH 125-CC, MATH 129, MATH 129-CC

Undergraduate General Education and Foundation Requirements
Overall Requirement Not Satisfied: Undergraduate General Education and Foundation Requirements
Foundation Composition

Not Satisfied: Select from 1 of the 3 following options:
1. First and Second Semester Composition OR
2. Honors Composition with grade of C or higher OR
3. Honors Composition with a grade of D and Second Semester Composition.

Please note: Students who earn a grade of D in Honors Composition may choose to repeat the course in order to earn a higher grade to satisfy the requirement. Please consult with your major advisor.

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 101A, ENGL 103H, ENGL 107, ENGL 107A

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. A grade of C or higher is required in the course that satisfies the second language requirement.
Demonstrate second semester proficiency in a second language by completing a sequence of courses through a second semester or higher level or by passing a language proficiency examination at the second semester level or higher.

**Second Semester Language Course**

**(RS21/L10)**

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


- Courses: 1.00 required, 0.00 completed, 1.00 needed

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**Courses Available**


**General Education Tier I**

**(RS22)**

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

**Tier I Individuals & Societies**

**(RS22/L10)**

Not Satisfied: Fulfillment of Individuals and Societies requires completion of two distinctly numbered courses (e.g., INDV 101 & 103 or PSY 150A1 & ANTH 150B1 or PSY 150A1 & INDV 103).

Only one course may be completed from the 150A options OR INDV 101. Only one course may be completed from the 150B options OR INDV 102. Only one course may be completed from the 150C options OR INDV 103.

INDV 101 = 150A#
INDV 102 = 150B#
INDV 103 = 150C#

- Courses: 2.00 required, 0.00 completed, 2.00 needed

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**Courses Available**

**Tier I Traditions & Cultures**  
**Not Satisfied:** Fulfillment of Traditions and Cultures requires completion of two distinctly numbered courses (e.g., TRAD 102 & 104 or AFAS 160C2 & RSSS 160C1 or TRAD 101 & RSSS 160C1).

Only one course may be completed from the 160A options OR TRAD 101. Only one course may be completed from the 160B options OR TRAD 102. Only one course may be completed from the 160C options OR TRAD 103. Only one course may be completed from the 160D options OR TRAD 104.

| TRAD 101 = 160A# |
| TRAD 102 = 160B# |
| TRAD 103 = 160C# |
| TRAD 104 = 160D# |

- **Not Satisfied:** Fulfillment of Traditions and Cultures requires completion of two distinctly numbered courses (e.g., TRAD 102 & 104 or AFAS 160C2 & RSSS 160C1 or TRAD 101 & RSSS 160C1).

**Courses Available**

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**General Education Tier II**

**Overall Requirement Not Satisfied:** Majors must complete Tier II Individual and Societies. Choose one additional Tier II courses from Tier II Arts or Tier II Humanities to complete the requirement.

**Option 1: Tier II Arts**

- **Not Satisfied:** Complete 3 units

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

**Courses Available**

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</table>
OR Option 2: Tier II Humanities

Not Satisfied: Complete 1 course. 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

Courses Available


AND Tier II Individual & Societies

Not Satisfied: Complete 1 course. 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.

Courses Available

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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 Natural Resources
Overall Requirement Not Satisfied: Bachelor of Science in Natural Resources

Pre-Major Requirements
Overall Requirement Not Satisfied: Courses used to fulfill this requirement may also be used to fulfill other requirements

1. Technical Writing
   Not Satisfied: Complete 1 course.
   - Courses: 1.00 required, 0.00 completed, 1.00 needed

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   Courses Available
   AGTM 422, ENGL 308, ENGL 313, ENGL 414, ENVS 415

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

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   Courses Available
   MATH 163, MATH 163-CC, MATH 263, MATH 263-CC, PSY 230, PSY 230-CC, SBS 200

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

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   Courses Available
   ECON 200, ECON 200-CC, ECON 201A, ECON 201A-CC

4. Option I: First Semester Chemistry
   Not Satisfied: Complete Chem 151
   - Courses: 1.00 required, 0.00 completed, 1.00 needed

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### Courses Available

CHEM 151, Approved Transfer Course

**OR Option II: First Semester Chemistry**

*Not Satisfied:* Complete CHEM 105A and 106A

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

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### Courses Available

CHEM 105A, CHEM 106A

**OR Option III: First Semester Chemistry**

*Not Satisfied:* Complete CHEM 103A and 104A

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

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### Courses Available

CHEM 103A, CHEM 103A-CC, CHEM 104A

5. **Option I: Second Semester Chemistry**

*Not Satisfied:* Complete CHEM 152

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

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### Courses Available

CHEM 152, Approved Transfer Course

**OR Option II: Second Semester Chemistry**

*Not Satisfied:* Complete CHEM 105B and 106B

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

CHEM 105B, CHEM 106B

**OR Option III: Second Semester Chemistry**

Not Satisfied: Complete CHEM 103B and 104B

- Courses: 2.00 required, 0.00 completed, 2.00 needed

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**Courses Available**

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

6. Introductory Biology

Not Satisfied: Complete 4 units

- Units: 4.00 required, 0.00 completed, 4.00 needed

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**Courses Available**

MCB 181L, MCB 181R, Approved Transfer Course, MCB 184

7. Option 1: 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, Approved Transfer Course

**Natural Resources Core Courses**

Overall Requirement Not Satisfied: Natural Resources Core Courses
### 1. Field Botany

**Not Satisfied:** Complete 2 courses.

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

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**Courses Available**

RNR 230L, RNR 230R

### 2. Core Courses

**Not Satisfied:** Complete 5 courses

- **Courses:** 5.00 required, 0.00 completed, 5.00 needed

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**Courses Available**

RNR 200, RNR 316, RNR 321, RNR 384, RNR 480

### Option in Global Change Ecology and Management

**Overall Requirement Not Satisfied:** Option in Global Change Ecology and Management

### Global Change Ecology and Management

**Overall Requirement Not Satisfied:** Global Change Ecology and Management

1. **Pre-Major Requirements**

   **Not Satisfied:** Complete 1 course

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

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**Courses Available**

RNR 101

2. **Physics**

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

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**Courses Available**

PHYS 102, PHYS 102-CC, PHYS 102-SA

3. Calculus  
Not Satisfied: Complete 1 course.

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

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**Courses Available**

MATH 113, MATH 113-CC, MATH 122B, MATH 124, MATH 125, MATH 125-CC

4. Global Change  
Not Satisfied: Complete 4 courses

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

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**Courses Available**

GEOG 430, GEOS 478, RNR 351, RNR 440

5. Policy, Law, Economics Elective  
Not Satisfied: Complete 1 course

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

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**Courses Available**

6. Environment Elective
   Not Satisfied: Complete 1 course
   - Courses: 1.00 required, 0.00 completed, 1.00 needed

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Courses Available
ECOL 452, HWRS 452, RNR 427, RNR 452, WSM 452, ADVR 101

7. Earth Systems And Global Change Elective
   Not Satisfied: Complete 1 course
   - Courses: 1.00 required, 0.00 completed, 1.00 needed

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Courses Available

8. Skills and Tools Elective
   Not Satisfied: Complete 1 course
   - Courses: 1.00 required, 0.00 completed, 1.00 needed

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Courses Available

9. Management Elective
   Not Satisfied: Complete 1 course
   - Courses: 1.00 required, 0.00 completed, 1.00 needed

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Courses Available
**Courses Available**

AREC 350, AREC 479, ECOL 454, ENVS 401, ENVS 454, ENVS 479, GEOG 301, GEOG 408, HWRS 479, PLG 301, RAM 436A, RAM 446, RNR 385, RNR 479, RNR 496E, WFSC 454, WSM 462

10. Human Systems Elective  
*Not Satisfied:* Complete 1 course

  - Courses: 1.00 required, 0.00 completed, 1.00 needed

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**Courses Available**


11. Biological Systems Elective  
*Not Satisfied:* Complete 1 course

  - Courses: 1.00 required, 0.00 completed, 1.00 needed

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**Courses Available**


12. Technical Electives  
*Not Satisfied:* Complete 10 units. Advisor consultation is recommended.

  - Units: 10.00 required, 0.00 completed, 10.00 needed

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**Courses Available**

ECOL 438, GEOG 417, GEOG 419, GEOG 420, GEOG 438, GEOG 473, GEOS 438, PA 461, RNR 417, RNR 419, RNR 420, RNR 430, RNR 473, RNR 493, RNR 496E, RNR 499, WSM 402

**Global Change Ecology and Management Graduation Requirements**

*Overall Requirement Not Satisfied:* Global Change Ecology and Management Graduation Requirements
Mid Career Writing Assessment

Not Satisfied: Complete 2nd semester English Composition with a B grade or higher. Students who do not earn a grade of B or higher 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 or higher in 2nd semester English Composition.

- Courses: 1.00 required, 0.00 completed, 1.00 needed

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Major GPA

Satisfied: A minimum 2.0 GPA is required in the major coursework.

- Units: 0.00 completed
- GPA: 2.000 required, 0.000 completed

Major Upper Division

Not Satisfied: A minimum of 18 units of upper-division major coursework must be completed.

- Units: 18.00 required, 0.00 completed, 18.00 needed

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Major Residency

Not Satisfied: A minimum of 18 units in the pre-major, supporting coursework, professional core, and/or major must be taken at the University of Arizona.

- Units: 18.00 required, 0.00 completed, 18.00 needed

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Minor Optional

Satisfied: A minor is optional for this major. Consult with your advisor to select a minor or discuss other options such as selecting a second major.