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) Candidates for a second bachelor's degree at The University of Arizona with a different award date than the first must earn no fewer than 30 units of University Credit in addition to the units required for the first degree, and must meet all requirements for the second degree.

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

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Courses Available
MATH 109C, MATH 112, MATH 113, MATH 116, MATH 120R, MATH 122B, MATH 125, MATH 129

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

**Not Satisfied:** Complete 1 of the following 4 Foundation Composition options:

1. 3 Course Foundation Composition Sequence
2. 2 course Foundation Composition sequence
3. Honors Composition with grade of C or higher
4. 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: Foundation Composition - 3 Course Sequence**

**Not Satisfied:** Complete 3 courses. Complete ENGL 106 AND ENGL 101/107 AND ENGL 102/108.

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

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**Courses Available**

ENGL 101, ENGL 101A, ENGL 107, ENGL 107A, ENGL 102, ENGL 108, ENGL 106

**OR Option 2: Foundation Composition - 2 Course Sequence**

**Not Satisfied:** Complete 2 courses. Complete ENGL 101/107 AND ENGL 102/108

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

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**Courses Available**

ENGL 101, ENGL 101A, ENGL 107, ENGL 107A, ENGL 102, ENGL 108

**OR Option 3: Honors Composition**

**Not Satisfied:** 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**

**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**

AIS 104B, AIS 307B, ARB 102, CHN 102, CRL 102, CRL 197A, FREN 102, FREN 112, GER 102, GRK 102, GRK 104, ITAL 102, ITAL 102Z, JPN 102, JUS 103B, LAT 102, LING 104B, LING 307B, MENA 103B, PORT 102, PRS 102, RSSS 102, SERP 370B, SPAN 102, SPAN 103, TURK 102

**General Education Tier I**

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

**Tier I Individuals & Societies**

**Not Satisfied:** Complete 2 courses, 6 units total. Transfer students with quarter system credits may satisfy Tier One requirements with 2 courses and 5.34 units.

- **Units:** 5.34 required, 0.00 completed, 5.34 needed
- **Courses:** 2.00 required, 0.00 completed, 2.00 needed

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**Courses Available**

(***) (**#), AFAS 150B1, ANTH 150B1, ART 150B1, ART 150B2, EDP 150B1, ENGL 150B1, ESOC 150B1, FREN 150B1, FSHD 150B1, FTV 150B1, GEOG 150B1, GER 150B1, GWS 150B1, GWS 150B2, GWS 150B3, GWS 150B4, GWS 150B5, HNRS 150B1, HNRS 150B2, ITAL 150B1, LAR 150B1, LAS 150B1, MAS 150B1, MAS 150B2, MIS 150B1, PA 150B1, PHIL 150B1, POL 150B1, RCSC 150B1, RCSC 150B2, RELI 150B1, RSSS 150B1, RSSS 150B2, SOC 150B1, SOC 150B2, SPAN 150B1, SPAN 150B2, TLS 150B1, AED 150A1, ANTH 150A1, ART 150A1, GER 150A1, HUMS 150A1, HNRS 150A1, LING 150A1, MIS 150A1, PHIL 150A1, POL 150A1, POL, 150C1, AED 150C1, AREC 150C1, AREC 150C2, AECN 150C1, ECON 150C1, GEOG 150C1, HIST 150C1, HIST 150C2, HIST 150C3, HIST 150C4, HIST 150C5, HIST 150C6, HNRS 150C1, HPS 150C1, JOUR 150C1, MAS 150C1, MENA 150C1, NSE 150C1, PHIL 150C1, PLP 150C1, POL 150C1, POL 150C2, POL 150C3, RNR 150C1, SOC 150C1, SOC 150C2, TLS 150C1

**Tier I Traditions & Cultures**

**Not Satisfied:** Transfer students with quarter system credits may satisfy Tier One requirements with 2 courses and 5.34 units.

- **Units:** 5.34 required, 0.00 completed, 5.34 needed
- **Courses:** 2.00 required, 0.00 completed, 2.00 needed

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</table>
Courses Available


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 1 course, 3 units. Transfer students with quarter system credits may satisfy this requirement with 2.67 units.

- Units: 2.67 required, 0.00 completed, 2.67 needed
- Courses: 1.00 required, 0.00 completed, 1.00 needed

Courses Available

AFAS 218, AFAS 318, AFAS 371, ANTH 318, ARC 304, ARC 325, ARE 130, ARH 201, ARH 202, ARH 203, ARH 312, ARH 314, ARH 315, ARH 316A, ARH 316B, ARH 319, ARH 320, ARH 321, ARH 322, ARH 324, ARH 325, ARH 329, ART 203, ART 242, ART 329, ART 358, CLAS 310, CLAS 329, DNC 100, DNC 101, DNC 112A, DNC 112B, DNC 112C, DNC 143, DNC 144A, DGC 144B, DNC 144C, DNC 152A, DNC 152B, DNC 152C, DGC 175, DGC 176A, DGC 176B, DNC 177, DGC 177D, DGC 200, DGC 276A, ENGL 201, ENGL 209, ENG 210, ENGL 300, ENGV 300, FTV 252, FTV 375, HNRS 203H, HNRS 216, HNRS 218, HNRS 220, HNRS 222, ISTA 301, JPN 245, LAS 322, LAS 337, MAF 337, MUS 100, MUS 101A, MUS 107, MUS 108, MUS 109, MUS 206, MUS 231, MUS 328, MUS 334, MUS 337, MUS 344, MUS 360, RELI 227, RELI 345, TAR 100, TAR 103, (***) (###)

OR Option 2: Tier II Humanities

Not Satisfied: Complete 1 course, 3 units. Transfer students with quarter system credits may satisfy this requirement with 2.67 units. If LAT 201 or 202 are used to fulfill Foundation Second Language Proficiency, they cannot be used to fulfill Tier II Humanities.

- Units: 2.67 required, 0.00 completed, 2.67 needed
- Courses: 1.00 required, 0.00 completed, 1.00 needed

Courses Available
AND Tier II Individual & Societies

Not Satisfied: Complete 1 course, 3 units. Transfer students with quarter system credits may satisfy this requirement with 2.67 units. Prerequisite course work in Tier 1 Individuals and Societies (INDV) must be completed prior to taking.

- Units: 2.67 required, 0.00 completed, 2.67 needed
- Courses: 1.00 required, 0.00 completed, 1.00 needed

Courses Available

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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: 1.00 required, 0.00 completed, 1.00 needed
Courses Available


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

Supporting Coursework

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

1. Statistics

Not Satisfied: Complete 1 course.

- Courses: 1.00 required, 0.00 completed, 1.00 needed

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Courses Available

MATH 263, SBS 200, PSY 230, MATH 163, (***) (###)

2. Economics

(R2634.1.20)
Not Satisfied: Complete 1 course

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

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**Courses Available**

ECON 200

3. **General Chemistry I**

   **Not Satisfied:** Complete 4 units

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

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**Courses Available**

CHEM 151, Approved Transfer Course, CHEM 105A, CHEM 106A

4. **General Chemistry II**

   **Not Satisfied:** Complete 4 units.

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

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**Courses Available**

CHEM 152, Approved Transfer Course, CHEM 105B, CHEM 106B

5. **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
6. 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. Core Courses

Not Satisfied: Complete 18 units.

- **Units**: 18.00 required, 0.00 completed, 18.00 needed

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Courses Available

- RNR 200, RNR 230L, RNR 230R, RNR 316, RNR 321, RNR 384, RNR 480

2. Math

Not Satisfied: Complete 3 units.

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

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Courses Available

- MATH 113, MATH 122B, MATH 125

3. Technical Writing

Not Satisfied: Complete 3 units.

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

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### Technical Skills

Not Satisfied: Complete 3 units.

- Units: 3.00 required, 0.00 completed, 3.00 needed

### Communication

Not Satisfied: Complete 3 units.

- Units: 3.00 required, 0.00 completed, 3.00 needed

### SNRE Requirement

Not Satisfied: Complete 1 unit.

- Units: 1.00 required, 0.00 completed, 1.00 needed

### Emphasis in Global Change Ecology and Management

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

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### Courses Available

ENGL 308, ENGL 313, ENGL 340, ENGL 414, ENVS 408, ENVS 415

### Courses Available

ENVS 330, GEN 330, GEOG 330, GEOG 403, GEOG 417, GEOS 330, GIST 330, GIST 417, RAM 446, RAM 456A, RNR 403, RNR 417, RNR 429, WSM 330

### Courses Available

AGTM 422, COMM 113, COMM 119, JOUR 455, JOUR 472, SBE 202, SCI 401

### Courses Available

RNR 498

**Emphasis in Global Change Ecology and Management**

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

**Global Change Ecology and Management**

**Overall Requirement Not Satisfied:** Global Change Ecology and Management
1. **RNR 101**

   Not Satisfied: Complete 3 units.

   - Units: 3.00 required, 0.00 completed, 3.00 needed

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   **Courses Available**

   RNR 101

2. **Physics**

   Not Satisfied: Complete 3 units.

   - Units: 3.00 required, 0.00 completed, 3.00 needed

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   **Courses Available**

   PHYS 102, PHYS 140, PHYS 141, PHYS 161H

3. **Global Change**

   Not Satisfied: Complete 12 units.

   - Units: 12.00 required, 0.00 completed, 12.00 needed

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   **Courses Available**

   GEOG 430, GEOS 478, RNR 440, RNR 496G

4. **Policy, Law, Economics Elective**

   Not Satisfied: Complete 3 units.

   - Units: 3.00 required, 0.00 completed, 3.00 needed

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Courses Available

AREC 479, ENVS 479, HWRS 479, RNR 479, GEOG 401A, PLG 401A, GEOG 401B, PLG 401B

5. Environment Elective

Not Satisfied: Complete 3 units.

- Units: 3.00 required, 0.00 completed, 3.00 needed

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Courses Available

ECOL 452, HWRS 452, RNR 452, RNR 458, WSM 452

6. Earth Systems And Global Change Elective

Not Satisfied: Complete 3 units.

- Units: 3.00 required, 0.00 completed, 3.00 needed

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Courses Available

ATMO 171, ATMO 336, ATMO 421C, ATMO 436A, ENVS 200, ENVS 461, GEOG 304, GEOG 447, GEOS 212, GEOS 308, GEOS 447, GEOS 482, RNR 355, RNR 427, WSM 468

7. Management Elective

Not Satisfied: Complete 3 units.

- Units: 3.00 required, 0.00 completed, 3.00 needed

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Courses Available

AREC 479, ECOL 454, ENVS 401, ENVS 454, ENVS 479, GEOG 301, GEOG 408, HWRS 479, PLG 301, RAM 436A, RAM 446, RNR 479, RNR 496E, WFSC 444, WFSC 454, WFSC 455L, WFSC 455R, WSM 462

8. Human Systems Elective

Not Satisfied: Complete 3 units.

- Units: 3.00 required, 0.00 completed, 3.00 needed

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Courses Available

AGTM 380, ANTH 380, AREC 217, AREC 360, AREC 476, AREC 478, ECON 217, ECON 478, ENVS 444, ENVS 495F, GEOG 256, GEOG 305, GEOG 371, GEOG 379, GEOG 380, GEOG 404, HWRS 415, HWRS 476, HWRS 481, PA 461, PA 481, PLG 256, PLG 379, POL 481, RNR 256, RNR 476, RNR 481, RNR 495F, WSM 444

9. Biological Systems Elective

Not Satisfied: Complete 1 unit.

- Units: 1.00 required, 0.00 completed, 1.00 needed

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Courses Available

ECOL 320, ECOL 335, ECOL 406R, ECOL 426, ECOL 438, ECOL 440, ECOL 452, ECOL 496J, ECOL 496R, GEOG 303, GEOG 438, GEOS 438, HWRS 452, MCB 360, MCB 440, PLS 240, PLS 360, RAM 382, RNR 452, RNR 458, RNR 497B, WFS 471, WSM 452, ADVR 101

10. Technical Electives

Not Satisfied: Complete 11 units. Advisor consultation is recommended.

- Units: 11.00 required, 0.00 completed, 11.00 needed

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Courses Available

ECOL 438, ECOL 482, ECOL 483, ECOL 484, ECOL 485, GEOG 417, GEOG 419, GEOG 420, GEOG 438, GEOG 473, GEOS 438, GIST 417, GIST 420, PA 461, RNR 417, RNR 419, RNR 420, 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 Units

Not Satisfied: A minimum of 76 units must be completed in the major.


- **Units:** 76.00 required, 0.00 completed, 76.00 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

### 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.