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 Substantial Math Strand
Not Satisfied: Complete 1 course.

GE Substantial Math Strand
Not Satisfied: Complete 1 course.

- Units: 2.67 required, 0.00 completed, 2.67 needed

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Courses Available
MATH 122B, MATH 125, MATH 129, MATH 215, MATH 223, MATH 254, MATH 313

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

### 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

### 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

### 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, 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

### Courses Available

(

#### 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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### Courses Available


### General Education Tier II

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

#### Tier II Arts

Not Satisfied: Complete 1 course, 3 units total. Transfer students with quarter system credits may satisfy Tier Two requirements 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, DGC 143, DGC 144A, DGC 144B, DGC 144C, DGC 152A, DGC 152B, DGC 152C, DGC 175, DGC 176A, DGC 176B, DGC 177C, DGC 177D, DNC 200, DNC 276A, ENGL 201, ENGL 209, ENGL 310, 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, MAS 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, (***) (###)

#### Tier II Humanities

Not Satisfied: Complete 1 course, 3 units total. Transfer students with quarter system credits may satisfy Tier Two requirements with 2.67 units. 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.

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

### Courses Available
**Tier II Individual & Societies**

**Not Satisfied:** Complete 1 course, 3 units total. Transfer students with quarter system credits may satisfy Tier Two requirements 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

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**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.

**Courses Available**

**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

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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.

BSES in Environmental Sciences
Overall Requirement Not Satisfied: Bachelor of Science in Environmental Sciences

Supporting Coursework
Overall Requirement Not Satisfied: Supporting Coursework

1. Introductory 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
2. Introductory 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

3. Organic Chemistry
   **Not Satisfied:** Complete 4 units.
   - **Units:** 4.00 required, 0.00 completed, 4.00 needed

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**Courses Available**

CHEM 241A, CHEM 243A, Approved Transfer Course

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

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**Courses Available**

MATH 125, MATH 122B

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

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6. Introductory Biology I
   (R1971/L60)
   Not Satisfied: Complete 3 units: MCB 181R Introductory Biology I for science majors.
   - Units: 3.00 required, 0.00 completed, 3.00 needed

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Courses Available

MCB 181R, Approved Transfer Course

7. Introductory Biology II
   (R1971/L70)
   Not Satisfied: Complete ECOL 182R Introductory Biology II for science majors
   - Courses: 1.00 required, 0.00 completed, 1.00 needed

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Courses Available

ECOL 182R, Approved Transfer Course

8. Microbiology
   (R1971/L80)
   Not Satisfied: Complete 1 course.
   - Courses: 1.00 required, 0.00 completed, 1.00 needed

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Courses Available

MIC 205A

9. Physics
   (R1971/L90)
   Not Satisfied: Complete 4 units Introductory Physics I: PHYS 102/181 or PHYS 141
   - Units: 4.00 required, 0.00 completed, 4.00 needed

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Courses Available

PHYS 102, PHYS 181, PHYS 141
Environmental Science Core

Overall Requirement Not Satisfied: Environmental Science Core

1. Ecology
   Not Satisfied: Complete 1 course.
   · Courses: 1.00 required, 0.00 completed, 1.00 needed

   Term | Subject | Catalog Nbr | Course Title | Grade | Units | RptCd | RqDes | Type
   --- | --- | --- | --- | --- | --- | --- | --- | ---

   Courses Available
   ECOL 474, ECOL 475, ENVS 425, ENVS 474, MIC 425, WFSC 474

2. Geology
   Not Satisfied: Complete 1 course.
   · Courses: 1.00 required, 0.00 completed, 1.00 needed

   Term | Subject | Catalog Nbr | Course Title | Grade | Units | RptCd | RqDes | Type
   --- | --- | --- | --- | --- | --- | --- | --- | ---
   GEOS 251

   Courses Available
   GEOS 251

3. Environmental Physics
   Not Satisfied: Complete 1 course.
   · Courses: 1.00 required, 0.00 completed, 1.00 needed

   Term | Subject | Catalog Nbr | Course Title | Grade | Units | RptCd | RqDes | Type
   --- | --- | --- | --- | --- | --- | --- | --- | ---

   Courses Available
   ENVS 420, ENVS 470

4. Hydrology
   Not Satisfied: Complete 3 units.
   · Units: 3.00 required, 0.00 completed, 3.00 needed

   Term | Subject | Catalog Nbr | Course Title | Grade | Units | RptCd | RqDes | Type
   --- | --- | --- | --- | --- | --- | --- | --- | ---
Courses Available

HWRS 249A, HWRS 249B, HWRS 250, HWRS 460A, WSM 460A

5. Soils
Not Satisfied: Complete 2 courses.

- Courses: 2.00 required, 0.00 completed, 2.00 needed

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Courses Available

ENVS 200, ENVS 201

6. Environmental Chemistry
Not Satisfied: Complete 1 course.

- Courses: 1.00 required, 0.00 completed, 1.00 needed

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Courses Available

ENVS 340, ENVS 462, ENVS 464, GEOS 340, HWRS 340

7. Pollution
Not Satisfied: Complete 1 course.

- Courses: 1.00 required, 0.00 completed, 1.00 needed

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Courses Available

ENVS 305

8. Health Risk Assessment
Not Satisfied: Complete 1 course.

- Courses: 1.00 required, 0.00 completed, 1.00 needed

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Courses Available

EHS 418, ENVS 418

Career Preparation Courses

Overall Requirement Not Satisfied: Career Preparation Courses

1. Environmental Science
   Not Satisfied: Complete 2 courses.
   - Courses: 2.00 required, 0.00 completed, 2.00 needed

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Courses Available

ENVS 210, ENVS 195A

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

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Courses Available

ENVS 408, ENVS 415

3. Capstone
   Not Satisfied: Complete 2 courses.
   - Courses: 2.00 required, 0.00 completed, 2.00 needed

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Courses Available

ENVS 430L, ENVS 430R

4. Internship, Teaching Workshop, or Independent Study
   Not Satisfied: Complete 1 course.
   - Courses: 1.00 required, 0.00 completed, 1.00 needed
### Courses Available

ABE 397A, ENVS 393, ENVS 397A, ENVS 399, ENVS 492, ENVS 493, ENVS 499, ENVS 499H

### Emphasis in Physics and Chemistry

**Overall Requirement Not Satisfied:** Emphasis in Physics and Chemistry

### Physics and Chemistry Emphasis

**Overall Requirement Not Satisfied:** Physics and Chemistry Emphasis

1. **Physics and Chemistry Emphasis Required Courses**

   **Not Satisfied:** Complete 12 units in consultation with your ENVS advisor.

   - **Units:** 12.00 required, 0.00 completed, 12.00 needed

2. **Physics and Chemistry Emphasis Optional Courses**

   **Not Satisfied:** Complete 6 units in consultation with your ENVS advisor.

   - **Units:** 6.00 required, 0.00 completed, 6.00 needed

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### Physics and Chemistry Emphasis Graduation Requirements

**Overall Requirement Not Satisfied:** Physics and Chemistry Emphasis Graduation Requirements

**Mid Career Writing Assessment**

**Not Satisfied:** Complete 2nd semester English Composition with a B grade or higher.

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

**Not Satisfied:** A minimum of 56 units must be completed in the major.

- **Units:** 56.00 required, 0.00 completed, 56.00 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

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**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
### 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.