### 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  
Overall Requirement Not Satisfied: GE Substantial 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 122B, MATH 125

GE Substantial Math Strand
Not Satisfied: Complete 1 course.

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

### 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

#### 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
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, POL 150A1, PSY 150A1, AED 150C1, AREC 150C1, ARH 150C1, DIN 150C1, ECON 150C1, GEOG 150C1, HIST 150C1, HIST 150C2, HIST 150C3, HIST 150C4, HIST 150C5, HIST 150C6, HNRS 150C1, HPR 150C1, JOUR 150C1, MASC 150C1, SOC 150C1, SOC 150C2, TLS 150C1

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

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


Courses Available

AFAS 218, AFAS 318, AFAS 371, ANTH 318, ART 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, ARH 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, DNC 144B, DNC 144C, DNC 152A, DNC 152B, DNC 152C, DRC 175, DNC 176A, DNC 176B, DNC 177C, DRC 177D, DRC 200, DRC 276A, ENGL 201, ENGL 209, ENGL 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,
GEOSBS USCNC
GEO

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

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:** 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.

BS in Geosciences

**Overall Requirement Not Satisfied:** Bachelor of Science in Geosciences
**Geosciences Supporting Coursework**

*Overall Requirement Not Satisfied:* Geosciences Supporting Coursework.

**Calculus I**

*Not Satisfied:* Complete 1 course.

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

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**Courses Available**

- MATH 122B, MATH 125

**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

**Additional Math Course**

*Not Satisfied:* Complete 1 course.

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

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**Courses Available**

- BNAD 276, MATH 163, MATH 215, MATH 223, MATH 254, MATH 263, MATH 313, MATH 322

**1. Introductory Chemistry - 1st Semester**

*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

2. Introductory Chemistry - 2nd Semester
   (R1272/L80)
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

Physics I
   (R1272/L110)
Not Satisfied: Complete 1 course. Students with the Geophysics Emphasis (GEOPHYS) MUST complete PHYS 141.

  · Courses: 1.00 required, 0.00 completed, 1.00 needed

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Courses Available

PHYS 141

OR Option II: Physics I
   (R1272/L120)
Not Satisfied: Complete 2 courses.

  · Courses: 2.00 required, 0.00 completed, 2.00 needed

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Courses Available

PHYS 102, PHYS 181

Physics II
   (R1272/L130)
Not Satisfied: Complete 1 course. Students with the Geophysics Emphasis (GEOPHYS) MUST complete PHYS 142.

  · Courses: 1.00 required, 0.00 completed, 1.00 needed

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Courses Available

PHYS 142
OR Option II: Physics II

**Not Satisfied:** Complete 2 courses.

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

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**Courses Available**

PHYS 103, PHYS 182

**Computer Applications**

**Not Satisfied:** Complete 1 course.

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

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**Courses Available**

ATMO 490, CE 210, CSC 110, CSC 250, ECE 175, ENVS 330, ENVS 490, GEN 330, GEOG 330, GEOG 403, GEOG 416A, GEOG 417, GEOG 490, GEOS 280, GEOS 330, GEOS 490, GIST 330, GIST 417, HWRS 490, ISTA 130, OPTI 490, REM 490, RNR 403, RNR 416A, RNR 417, RNR 490, WSM 330

**Geosciences Core**

**Overall Requirement Not Satisfied:** Geosciences Core

1. **Physical Geology**

**Not Satisfied:** Complete 1 course.

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

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**Courses Available**

GEOS 251

2. **Stratigraphy & Sedimentation**

**Not Satisfied:** Complete 1 course.

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

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Courses Available

GEOS 302

3. Core Capstone - Field Camp

Not Satisfied: Complete 6 units.

  · Units: 6.00 required, 0.00 completed, 6.00 needed

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Courses Available

GEOS 405, GEOS 414

Emphasis in Geology

Overall Requirement Not Satisfied: Complete both the Geology pre-major and Emphasis.

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Geology Emphasis

Overall Requirement Not Satisfied: Geology Emphasis

1. Earth Surface Processes

Not Satisfied: Complete 1 course.

  · Courses: 1.00 required, 0.00 completed, 1.00 needed

Courses Available

GEOS 300

2. Structural Geology

Not Satisfied: Complete 1 course.

  · Courses: 1.00 required, 0.00 completed, 1.00 needed

Courses Available

GEOS 304

3. Mineralogy

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

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**Courses Available**

GEOS 306

4. **Paleontology**

*Not Satisfied:* Complete 1 course.

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

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**Courses Available**

GEOS 308

5. **Geophysics**

*Not Satisfied:* Complete 1 course.

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

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**Courses Available**

GEOS 322

6. **Petrology**

*Not Satisfied:* Complete 1 course.

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

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**Courses Available**

GEOS 356

7. **Emphasis Area Courses**

*Not Satisfied:* Complete 18 units of the following or select alternate courses in consultation with your advisor. Any 300 or 400-level GEOS course not listed as a Core requirement may be applied toward Emphasis requirements. Cross-listed courses okay.

A maximum of 1 course may be taken from MCB 181R and MCB 184.

A maximum of 3 units of GEOS 397A may be applied to Emphasis requirements.
A maximum of 1 course may be taken from GEOS 212, 216, 218, 220, and 222.

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

## Courses Available


## Geosciences Major Geology Emphasis Graduation Requirements

### Overall Requirement Not Satisfied

- **Geosciences Major Geology Emphasis 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

## Major GPA

**Satisfied:** A minimum 2.0 GPA is required in the major coursework. All major coursework may be applied to the major GPA.

- **GPA:** 2.000 required, 0.000 completed

## 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.