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
No 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
No 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

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

**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, PSY 150A1, AED 150C1, AREC 150C1, AREC 150C2, 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, NSC 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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### 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


**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

AFAS 200, AFAS 222, AFAS 224, AFAS 230, AFAS 245, AFAS 249, AFAS 255, AFAS 310, AFAS 314, AFAS 320,

### 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.

**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

- AED 408, AFAS 150B1, AFAS 160A1, AFAS 160A2, AFAS 218
- AFAS 220, AFAS 222, AFAS 230, AFAS 245, AFAS 249, AFAS 255, AFAS 260
- AFAS 302, AFAS 304A, AFAS 304B, AFAS 306, AFAS 310, AFAS 311D
- AFAS 314, AFAS 318, AFAS 340, AFAS 342, AFAS 345, AFAS 365, AFAS 371
- AFAS 373, AFAS 374, AFAS 376, AFAS 377, AFAS 444, AFAS 467, AFAS 468
- AIS 160A1, AIS 200, AIS 210, AIS 212, AIS 220, AIS 346, AIS 347
- AIS 381, AIS 467, ANTH 150A1, ANTH 150A2, ANTH 160A1
- ANTH 160A2, ANTH 202, ART 160A1, CHN 245
- CHN 251, CHN 276, CHN 331, CHN 340, CHN 341, CHN 419, CHN 420
- CHN 429, CHN 482, CHN 483, CHS 202, CLAS 362, DNC 177C
- DNC 177D, DUNC 17D, EAS 130, EAS 160A1, EAS 160A2
- EAS 160A3, EAS 160A4, EAS 245, EAS 249, EAS 255, EAS 260
- EAS 302, EAS 304A, EAS 304B, EAS 310, EAS 311D, EAS 314
- EAS 318, EAS 330, EAS 340, EAS 342, EAS 345, EAS 365, EAS 371
- EAS 373, EAS 374, EAS 376, EAS 377, EAS 381, EAS 444, EAS 467
- FREN 150B1, FREN 160A1, FREN 230, FREN 245, FREN 249
- FREN 314, FREN 373, FREN 374, FTV 150B1, GEOG 205
- GEOG 210, GEOG 251, GEOG 252, GEOG 311D, GER 160A1
- GER 278, GER 373, GER 376, GWS 200, GWS 240, GWS 253
- GWS 254, GWS 260, GWS 306, GWS 323, GWS 324, GWS 328, GWS 330, GWS 335
- GWS 342, GWS 362, GWS 373, GWS 402, GWS 427, GWS 448
- GWS 459, GWS 468, HIST 160A1, HIST 160A2, HIST 253
- HIST 272, HIST 276, HIST 277A, HIST 306, HIST 370A, HIST 370B
- HIST 372A, HIST 482, HNRS 204H, HPS 387, HPS 444, HUMS 376
- ITAL 150B1, ITAL 330B, ITAL 330D, JOUR 360, JPN 220, JPN 245
- JPN 272, JPN 304, JPN 310, JPN 311, JPN 402, JPN 411, JPN 412
- JPN 446A, JPN 446B, JPN 447A, JPN 447B, JPN 485, JPN 486
- JPN 489, JPN 495B, JPN 496A, JPN 496C, JUS 325, JUS 370A
- JUS 370B, JUS 372A, JUS 372B, JUS 376, LAS 251, LAS 310
- LAS 337, LAS 345, LAS 362, LAW 89, LING 210, LING 304, LING 330
- LING 402, LING 411, LING 412, LING 420, LING 496C, MAS 160A1, MAS 265, MAS 330, MAS 332, MAS 337
- MAS 365, MAS 467, MENA 160A1, MENA 160A2, MENA 251, MENA 277A
- MENA 311E, MENA 330, MENA 334, MENA 372A, MENA 372B, MENA 375
- MENA 441, MUS 1300, MUS 109, MUS 231, MUS 334
- MUS 337, MUS 344, NESV 334, NESV 375, PHIL 222, PHIL 223, PHIL 325, PHIL 330
- POL 160A1, POL 300, POL 332, POL 335, POL 345, POL 441, POL 464
- POL 468, POL 476, RELI 130, RELI 160A1, RELI 160D4
- RELI 210, RELI 212, RELI 220, RELI 230, RELI 277A, RELI 315
- RELI 312, RELI 312, RELI 324, RELI 332, RELI 333, RELI 334, RELI 345
- RELI 350, RELI 358, RELI 360, RELI 363, RELI 370A, RELI 370B, RELI 372A
- RELI 372B, RELI 381, RELI 483, RELI 484A, RELI 484B, RELI 486
- RELI 489, RELV 334, RSSS 150B2, RSSS 315, RSSS 328, RSSS 350, SOC 202
- SOC 220, SOC 222, SOC 260, SOC 280, SOC 324, SOC 325, SOC 355, SOC 357
- SOC 362, SOC 427, SOC 432, SOC 448, SOC 450, SOC 459, SOC 467
- SPAN 150B1, SPAN 150B2, SPAN 210, TLS 150C1

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 Astronomy

Overall Requirement Not Satisfied: Bachelor of Science in Astronomy

Astronomy Prerequisite Requirements

Overall Requirement Not Satisfied: Courses used to fulfill this requirement can be used to fulfill other requirements.

1. Mathematics

Not Satisfied: Complete 3 courses.

- Courses: 3.00 required, 0.00 completed, 3.00 needed

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</table>
2. Physics - Introductory Mechanics
   **Not Satisfied:** Complete 1 Introductory Mechanics Course.
   - **Courses:** 1.00 required, 0.00 completed, 1.00 needed

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**Courses Available**

PHYS 141, PHYS 161H

3. Physics - Introductory Thermodynamics & Optics
   **Not Satisfied:** Complete 1 Introductory Thermodynamics & Optics Course.
   - **Courses:** 1.00 required, 0.00 completed, 1.00 needed

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**Courses Available**

PHYS 142, PHYS 162H

4. Physics - Introductory Electricity & Magnetism
   **Not Satisfied:** Complete 1 Introductory Electricity & Magnetism Course.
   - **Courses:** 1.00 required, 0.00 completed, 1.00 needed

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**Courses Available**

PHYS 241, PHYS 261H

5. Physics - Introductory Relativity & Quantum Physics
   **Not Satisfied:** Complete 1 Introductory Relativity & Quantum Physics course.
   - **Courses:** 1.00 required, 0.00 completed, 1.00 needed

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**Courses Available**

PHYS 242, PHYS 263H
Astronomy Major

Overall Requirement Not Satisfied: Astronomy Major

Core I

Not Satisfied: Complete 6 courses.

- Courses: 6.00 required, 0.00 completed, 6.00 needed

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Courses Available

ASTR 250, ASTR 300A, ASTR 300B, ASTR 302, ASTR 400A, ASTR 400B

Core II

Not Satisfied: Complete 5 courses.

- Courses: 5.00 required, 0.00 completed, 5.00 needed

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Courses Available

PHYS 305, PHYS 321, PHYS 331, PHYS 371, PHYS 426

Upper Division Independent Study

Not Satisfied: Complete a minimum of 3 units.

- Units: 3.00 required, 0.00 completed, 3.00 needed

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Courses Available

ASTR 492, ASTR 498, ASTR 498H, ASTR 499, ASTR 499H

Astronomy Major Graduation Requirements
Overall Requirement Not Satisfied: Astronomy Major 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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<tr>
<th>Term</th>
<th>Subject</th>
<th>Catalog Nbr</th>
<th>Course Title</th>
<th>Grade</th>
<th>Units</th>
<th>RptCd</th>
<th>RqDes</th>
<th>Type</th>
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Major Units  
**Not Satisfied:** A minimum of 36 units must be completed in the major.

- **Units:** 36.00 required, 0.00 completed, 36.00 needed

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<th>Grade</th>
<th>Units</th>
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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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<th>Units</th>
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Major Residency  
**Not Satisfied:** A minimum of 18 units in the major must be taken at the University of Arizona.

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

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<th>Grade</th>
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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.