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

**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

ENGL 109H
Foundation Second Language - Fourth 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 for pass/fail.
Demonstrate fourth semester proficiency in a second language by completing one of the following:
1. Complete a Fourth Semester Language Course with a grade of C or higher.
2. Complete Arabic 401 and 1 course with a grade of C of higher from Arabic 424B, 427B or 439B.
3. Pass a language proficiency examination at the fourth semester level

**Option 1: Fourth Semester Language Course**

**Not Satisfied:** Complete 1 course with a grade of C or better.
Courses used to fulfill this requirement may also be used to fulfill other requirements.

- Courses: 1.00 required, 0.00 completed, 1.00 needed

**Courses Available**

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**OR Option 2: Arabic Language**

**Not Satisfied:** Complete ARB 401, Intermediate Arabic, plus one additional course from ARB 424B, 427B, 439B.

- Courses: 1.00 required, 0.00 completed, 1.00 needed

**Courses Available**

ARB 401

**AND Option 2: Additional Arabic Courses**

**Not Satisfied:** Complete one additional course with a grade of C or better from ARB 424B, 427B, 439B.

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

### Tier I Natural Sciences

**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

### 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**

Nor 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

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**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, DNC  144B, DNC  144C, DNC  152A, DNC  152B, DNC  152C, DNC  175, DNC  176, DNC  176B, DNC  177C, DNC  177D, DNC  200, DNC  276A, ENGL  201, ENGL  209, ENGL  210, ENGL  300, ENGV  300, FTv  252, FTv  375, HRNS  203H, HRNS  216, HRNS  218, HRNS  220, HRNS  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

| Term | Subject | Catalog Nbr | Course Title | Grade | Units | RptCd | RqDes | Type |
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 Indians 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
## 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.

### BA in Physics

Overall Requirement Not Satisfied: Bachelor of Arts in Physics

### Physics Major

Overall Requirement Not Satisfied: Physics Major

1. Introduction to Scientific Computing

Not Satisfied: Complete 1 course

- Courses: 1.00 required, 0.00 completed, 1.00 needed

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**Courses Available**

PHYS 105A

2. Introduction to Mechanics
   
   Not Satisfied: Complete 1 Introductory Mechanics Course. Physics majors should enroll in PHYS 161H. Using PHYS 141 requires faculty advisor approval.
   
   - Units: 4.00 required, 0.00 completed, 4.00 needed

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**Courses Available**

PHYS 141, PHYS 161H

3. Introduction to Thermodynamics/Optics
   
   Not Satisfied: Complete 1 Introductory Optics & Thermodynamics Course. Physics majors should enroll in PHYS 162H. Using PHYS 142 requires faculty advisor approval.
   
   - Units: 3.00 required, 0.00 completed, 3.00 needed

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**Courses Available**

PHYS 142, PHYS 162H

4. Introduction to Electricity/Magnetism
   
   Not Satisfied: Complete 1 Introductory Electricity & Magnetism Course. Physics majors should enroll in PHYS 261H. Using PHYS 241 requires faculty advisor approval.
   
   - Units: 4.00 required, 0.00 completed, 4.00 needed

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**Courses Available**

PHYS 241, PHYS 261H

5. Introduction to Relativity/Quantum
   
   Not Satisfied: Complete 1 Introductory Relativity & Quantum Course.
   
   - Units: 3.00 required, 0.00 completed, 3.00 needed
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**Courses Available**

PHYS 263H

6. Core

- **Not Satisfied:** Complete 7 courses.

- **Courses:** 7.00 required, 0.00 completed, 7.00 needed

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**Courses Available**

PHYS 204, PHYS 305, PHYS 321, PHYS 331, PHYS 371, PHYS 381, PHYS 382

7. Additional Upper Division Units

- **Not Satisfied:** Complete 6 additional upper division Physics units.

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

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**Courses Available**

PHYS 305, PHYS 320, PHYS 321, PHYS 331, PHYS 332, PHYS 371, PHYS 381, PHYS 382, PHYS 391, PHYS 392, PHYS 399, PHYS 399H, PHYS 403, PHYS 405, PHYS 422, PHYS 426, PHYS 427, PHYS 431, PHYS 433, PHYS 439, PHYS 440, PHYS 444, PHYS 450, PHYS 460, PHYS 468, PHYS 469, PHYS 473, PHYS 476, PHYS 481, PHYS 483, PHYS 484, PHYS 492, PHYS 494, PHYS 496A, PHYS 498, PHYS 498H, PHYS 499, PHYS 499H

**Physics Major Graduation Requirements**

**Overall Requirement Not Satisfied:** Physics Major 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 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 Units

**Not Satisfied:** A minimum of 40 units must be completed in the major.

- **Units:** 40.00 required, 0.00 completed, 40.00 needed

### 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

### 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.