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** (R838/L10)
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** (R1227/L10)
**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** (R3297/L15)
**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** (R3297/L25)
**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** (RG1434)
**Not Satisfied:** Foundation Mathematics

**GE Substantial Math Strand** (R2612)
**Not Satisfied:** Complete 1 course.

**GE Substantial Math Strand** (R2612/L10)
**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** (RG507)
**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


Courses:

Term Subject Catalog Nbr Course Title Grade Units RptCd RqDes Type

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:

Term Subject Catalog Nbr Course Title Grade Units RptCd RqDes Type

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:

Term Subject Catalog Nbr Course Title Grade Units RptCd RqDes Type

Courses Available
ENGL 109H

Page 3 of 11
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 10Z, 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, NSE 150C1, PHIL 150C1, LP 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**

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, DNO 100, DNO 101, DNO 112A, DNO 112B, DNO 112C, DNO 114, DNO 114A, DNO 114B, DNO 114C, DNO 115, DNO 115A, DNO 115B, DNO 115C, DNO 117, DNO 117D, DNO 120, DNO 276A, ENGL 201, ENGL 209, ENGL 210, ENGL 300, ENG 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

...
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

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

Overall Requirement Not Satisfied: Bachelor of Science 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
PHYSBS 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:** Take one Introductory Optics & Thermodynamics course. Physics majors should take PHYS 162H. Using PHYS 142 requires faculty advisor approval.

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

**Not Satisfied:** Complete 5 courses.

- **Courses:** 5.00 required, 0.00 completed, 5.00 needed

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Courses Available

PHYS 204, PHYS 332, PHYS 381, PHYS 382, PHYS 472

7. 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

8. Electives

**Not Satisfied:** Complete 6 units.

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

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Courses Available

ATMO 436A, PHYS 320, PHYS 405, PHYS 422, PHYS 431, PHYS 450, PHYS 460, PHYS 468, PHYS 469, PHYS 473, PHYS 476, PHYS 483
9. Application

Not Satisfied: Complete 3 units. No more than 6 total units may count toward the major.

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

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**Courses Available**

PHYS 483, PHYS 492, PHYS 498, PHYS 498H

**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

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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 Units**

Not Satisfied: A minimum of 53 units must be completed in the major.

- **Units:** 53.00 required, 0.00 completed, 53.00 needed

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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

### 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.