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) is completing more than one baccalaureate degree. 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.

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 intend 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.
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 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 from Math 113, 124, or 125.

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

Courses Available

MATH 113, MATH 113-CC, MATH 122B, MATH 124, MATH 125, MATH 125-CC
Undergraduate General Education and Foundation Requirements

Overall Requirement Not Satisfied: Undergraduate General Education and Foundation Requirements

Foundation Composition

Not Satisfied: Complete 1 of the 2 following options:
1. First and Second Semester Composition OR
2. Honors Composition

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: First Semester Composition

Not Satisfied: Complete 1 course.

- Courses: 1.00 required, 0.00 completed, 1.00 needed

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Courses Available

ENGL 101, ENGL 101A, ENGL 103H, ENGL 107, ENGL 107A

AND Option 1: Second Semester Composition

Not Satisfied: AND Complete 1 course

- Courses: 1.00 required, 0.00 completed, 1.00 needed

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Courses Available

ENGL 102, ENGL 104H, ENGL 108

OR Option 2: Honors Composition

Not Satisfied: OR 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.
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.


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

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**Courses Available**


**General Education Tier I**

**Overall Requirement Not Satisfied:** Complete 2 courses in each of the following areas.

| Tier I Individuals & Societies | **Not Satisfied:** Fulfillment of Individuals and Societies requires completion of two distinctly numbered courses (e.g., INDV 101 & 103 or PSY 150A1 & ANTH 150B1 or PSY 150A1 & INDV 103).

Only one course may be completed from the 150A options OR INDV 101. Only one course may be completed from the 150B options OR INDV 102. Only one course may be completed from the 150C options OR INDV 103.

INDV 101 = 150A#
INDV 102 = 150B#
INDV 103 = 150C#

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

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**Courses Available**

Tier I Traditions & Cultures (R522/L30)

Not Satisfied: Fulfillment of Traditions and Cultures requires completion of two distinctly numbered courses (e.g., TRAD 102 & 104 or AFAS 160A2 & RSSS 160A1 or TRAD 101 & RSSS 160C1).

Only one course may be completed from the 160A options OR TRAD 101. Only one course may be completed from the 160B options OR TRAD 102. Only one course may be completed from the 160C options OR TRAD 103. Only one course may be completed from the 160D options OR TRAD 104.

TRAD 101 = 160A#
TRAD 102 = 160B#
TRAD 103 = 160C#
TRAD 104 = 160D#

Courses Available

Not Satisfied: Complete 1 course from each of the following areas.

Tier II Arts (R528/L10)

Not Satisfied: Complete 3 units.

• Units: 3.00 required, 0.00 completed, 3.00 needed

Courses Available

ARC 325, ARE 130, ARH 201, ARH 202, ARH 202-SA, ARH 203, ARH 312, ARH 314-SA, ARH 315, ARH 315-SA, ARH 316A-SA, 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 329, DNC 100, DNC 112A, DNC 112B, DNC 112C, DNC 143, DNC 144A, DNC 144B, DNC 144C, Dnc 152A, DNC 152B, DNC 152C, DNC 175, DNC 176A, DNC 176B, DNC 177C, DNC 177D, Dnc 200, DNC 276A, ENGL 201, ENGL 201-SA, ENGL 209, ENGL 210, ENGL 300, ENGL 300-SA, FTv 252,
Tier II Humanities

Not Satisfied: 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.

- Courses: 1.00 required, 0.00 completed, 1.00 needed

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Courses Available


Tier II Individual & Societies

Not Satisfied: Prerequisite course work in Tier 1 Individuals and Societies (INDV) must be completed prior to taking.

- 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

Courses Available

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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.

Microbiology Pre-Major Requirements

Not Satisfied: Courses used to fulfill this requirement may also be used to fulfill other requirements.

Microbiology Pre-Major Courses

Overall Requirement Not Satisfied: Courses used to fulfill this requirement may also be used to fulfill other requirements.
1. **Biology I**

   **Not Satisfied:** Complete 4 units

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

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   **Courses Available**

   MCB 181L, MCB 181R

   OR 1. **Option 2: Biology I**

   **Not Satisfied:** Complete MCB 184

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

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   **Courses Available**

   MCB 184

2. **Biology II**

   **Not Satisfied:** Complete ECOL 182L and 182R

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

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   **Courses Available**

   ECOL 182L, ECOL 182R

3. **Microbiology**

   **Not Satisfied:** Complete MIC 205A and 205L

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

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   **Courses Available**

   MIC 205A, MIC 205L
4. Inorganic 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, First Semester Chemistry, CHEM 103A, CHEM 103A-CC, CHEM 104A

5. Inorganic 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, Second Semester Chemistry, CHEM 103B, CHEM 103B-CC, CHEM 104B

6. Organic Chemistry I
   **Not Satisfied:** Complete CHEM 241A and 243A
   
   - **Courses:** 2.00 required, 0.00 completed, 2.00 needed

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**Courses Available**

CHEM 241A, CHEM 243A, (***) (###)

7. Organic Chemistry II
   **Not Satisfied:** Complete CHEM 241B and 243B
   
   - **Courses:** 2.00 required, 0.00 completed, 2.00 needed

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**Courses Available**

CHEM 241B, CHEM 243B, (***) (###)
9. Biochemistry
   Not Satisfied: Complete BIOC 384
   - Courses: 1.00 required, 0.00 completed, 1.00 needed

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Courses Available

BIOC 384

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

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Courses Available

AGTM 422, COMM 101, COMM 119, FSHD 401, FSHD 428, FSHD 428-CC

10. Physics I
   Not Satisfied: Complete PHYS 102 and 181
   - Courses: 2.00 required, 0.00 completed, 2.00 needed

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Courses Available

PHYS 102, PHYS 102-CC, PHYS 102-SA, PHYS 181, PHYS 181-SA

11. Physics II
   Not Satisfied: Complete PHYS 103 and 182
   - Courses: 2.00 required, 0.00 completed, 2.00 needed

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Courses Available

PHYS 103, PHYS 103-CC, PHYS 182
12. Statistics
   Not Satisfied: Complete 1 course
   
   - **Courses:** 1.00 required, 0.00 completed, 1.00 needed

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**Courses Available**

MATH 263, MATH 263-CC, PSY 230, PSY 230-CC, ISTA 116, COMM 200, GEOG 200, PA 200, POL 200, SBS 200, SOC 200

**BS in Microbiology**

Overall Requirement Not Satisfied: Bachelor of Science in Microbiology

**Microbiology Major Core Requirements**

Overall Requirement Not Satisfied: Microbiology Major Core Requirements

1. Core Courses I
   Not Satisfied: Complete 5 courses
   
   - **Courses:** 5.00 required, 0.00 completed, 5.00 needed

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**Courses Available**


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

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**Courses Available**

BIOC 385, MCB 410, MCB 411, MCB 473

3. Core Electives
   Not Satisfied: Complete 9 units.
   
   - **Units:** 9.00 required, 0.00 completed, 9.00 needed

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### Microbiology Graduation Requirements

**Overall Requirement Not Satisfied:** Microbiology 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 Units

**Not Satisfied:** A minimum of 30 units must be completed in the major.

- **Units:** 30.00 required, 0.00 completed, 30.00 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 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

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**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.