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 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.
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: Math GE

GE Substantial Math Strand
Not Satisfied: Complete 1 course from MATH 122B,124,125,129,223 TO 499.

- Units: 2.67 required, 0.00 completed, 2.67 needed

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Courses Available
Undergraduate General Education and Foundation Requirements

Overall Requirement Not Satisfied: Undergraduate General Education and Foundation Requirements

Foundation Composition

Not Satisfied: Select from 1 of the 3 following options:
1. First and Second Semester Composition OR
2. Honors Composition with grade of C or higher OR
3. 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: First Semester Composition
Not Satisfied: Complete 1 course

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· Courses: 1.00 required, 0.00 completed, 1.00 needed

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 - 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 430B.
3. Pass a language proficiency examination at the fourth semester level

**Option 1: Fourth Semester Language Course**


Courses used to fulfill this requirement may also be used to fulfill other requirements.

- Courses: 1.00 required, 0.00 completed, 1.00 needed
- GPA: 2.000 required, 0.000 completed

**Courses Available**


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
- GPA: 2.000 required, 0.000 completed
Courses Available

ARB 401, ARB 401-SA

**AND Option 2: Additional Arabic Courses**

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

- Courses: 1.00 required, 0.00 completed, 1.00 needed
- GPA: 2.000 required, 0.000 completed

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Courses Available

ARB 424B, ARB 424B-SA, ARB 427B, ARB 439B

**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**

**Not Satisfied:** Fulfillment of Traditions and Cultures requires completion of two distinctly numbered courses (e.g., TRAD 102 & 104 or AFAS 160C2 & RSSS 160C1 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 only 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:** 2.00 required, 0.00 completed, 2.00 needed

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**Courses Available**


**General Education Tier II**

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

**Tier II Arts**

Not Satisfied: Complete 3 units.

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

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**Courses Available**


**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.

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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.

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**Diversity Emphasis Course**

- **Not Satisfied:** General Education Diversity Emphasis Course: Gender, Race, Class, Ethnicity, Sexual Orientation or Non-Western Area Studies.
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.

Biochemistry Pre-Major

Overall Requirement Not Satisfied: Biochemistry Pre-Major

General Chemistry

Overall Requirement Not Satisfied: General Chemistry

1. First Semester General Chemistry

   Not Satisfied: Complete 4 units of lecture and lab.
- **Units:** 4.00 required, 0.00 completed, 4.00 needed

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**Courses Available**

CHEM 103A, CHEM 103A-CC, CHEM 104A, CHEM 105A, CHEM 106A, CHEM 151

2. *Second Semester General Chemistry*
   
   **Not Satisfied:** Complete 4 units of lecture and lab.
   
   - **Units:** 4.00 required, 0.00 completed, 4.00 needed

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**Courses Available**

CHEM 103B, CHEM 103B-CC, CHEM 104B, CHEM 105B, CHEM 106B, CHEM 152

**Introductory Biology**

**Not Satisfied:** Introductory Biology

1. *Introductory Biology*
   
   **Not Satisfied:** Complete 8 units: MCB 181R and MCB 181L or MCB 184 and ECOL 182R and ECOL 182L.
   
   - **Units:** 8.00 required, 0.00 completed, 8.00 needed

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**Courses Available**

MCB 181L, MCB 181R, MCB 181R, MCB 184, ECOL 182L, ECOL 182R, MCB 181M

**Math and Physics**

**Overall Requirement Not Satisfied:** Math and Physics

1. *Math*
   
   **Not Satisfied:** Complete 2 courses. Only one course from MATH 122B and 125 can be used for this requirement.
   
   - **Courses:** 2.00 required, 0.00 completed, 2.00 needed

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### Courses Available

MATH 129, MATH 129-CC, MATH 122B, MATH 124, MATH 125, MATH 125-CC

2. Physics I

**Not Satisfied:** Complete 1 course.

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

### Courses Available

PHYS 102, PHYS 102-CC, PHYS 102-SA, PHYS 140, PHYS 141, PHYS 161H

3. Physics II

**Not Satisfied:** Complete 1 course.

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

### Courses Available

PHYS 103, PHYS 103-CC, PHYS 240, PHYS 241, PHYS 261H

### BA in Biochemistry

**Overall Requirement Not Satisfied:** Bachelor of Arts in Biochemistry

### Biochemistry Major

**Overall Requirement Not Satisfied:** Biochemistry Major

1. First Semester Organic Chemistry

**Not Satisfied:** Complete 2 courses, one lecture and one laboratory.

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

### Courses Available

CHEM 242A, CHEM 244A, CHEM 246A, CHEM 247A, CHEM 241A, (***), CHEM 243A
2. Second Semester Organic Chemistry  
   **Not Satisfied:** Complete 2 courses, one lecture and one laboratory.
   - **Courses:** 2.00 required, 0.00 completed, 2.00 needed

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**Courses Available**

CHEM 242B, CHEM 244B, CHEM 246B, CHEM 247B, CHEM 241B, CHEM 243B, (***) (###)

3. Biochemistry  
   **Not Satisfied:** Complete 3 courses.
   - **Courses:** 3.00 required, 0.00 completed, 3.00 needed

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**Courses Available**

BIOC 462A, BIOC 462B, BIOC 466

4. Upper Division Science Electives  
   **Not Satisfied:** Complete 6 upper division science units with prior approval by the Biochemistry Academic Advisor.
   - **Units:** 6.00 required, 0.00 completed, 6.00 needed

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**Courses Available**

ECOL 326, ECOL 474, MCB 304, MCB 340, MCB 410, MCB 411, MIC 328R, MIC 340, NROS 310, PHCL 412, PLS 340, PSIO 420, SWES 474, WFSC 474

5. Introduction to Biochemical Research  
   **Not Satisfied:** Complete 1 unit.
   - **Units:** 1.00 required, 0.00 completed, 1.00 needed

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**Courses Available**
BIOC 296B

6. Directed Research
   Not Satisfied: Complete 1 unit.

   - Units: 1.00 required, 0.00 completed, 1.00 needed

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Courses Available

BIOC 492, BIOC 498, BIOC 498H, BIOC 499H

Biochemistry Major Graduation Requirements

Overall Requirement Not Satisfied: Biochemistry 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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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 Residency
   Not Satisfied: A minimum of 18 units in the major coursework 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.