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**: GE Substantial Math Strand

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**Courses Available**

MATH 122B, MATH 124, MATH 125, MATH 125-CC, MATH 250A

**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

Not Satisfied: Fulfillment of Traditions and Cultures requires completion of two distinctly numbered courses (e.g., TRAD 102 & 104 or AFAS 160A1 & 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: 2.00 required, 0.00 completed, 2.00 needed

Courses Available

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

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.

- Courses: 1.00 required, 0.00 completed, 1.00 needed

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Courses Available

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.

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

Term | Subject | Catalog Nbr | Course Title | Grade | Units | RptCd | RqDes | Type
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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 Neuroscience and Cognitive Science

Overall Requirement Not Satisfied: Bachelor of Science in Neuroscience and Cognitive Science Complete the pre-major, major core courses, and one of the following emphasis areas: Computational Neuroscience, Neurobiology,
Language and Communication Science, Neuroscience of Aging, Learning and Memory, or Thematic.

**Neuroscience and Cognitive Science Pre-Major**

**Overall Requirement Not Satisfied:** Students will be eligible to apply for the NSCS major when they have (1) Completed (or very nearly completed) the pre-requisite courses with a 2.5 cumulative GPA in Biology and Chemistry; (2) Enrolled in or already completed NSCS 200; Fundamentals of Neuroscience and Cognitive Science with a final grade of 3.0. If currently enrolled in NSCS 200 at the time of application, admission to the major will be conditional upon receiving the 3.0 final grade.

1. **Chemistry I**
   - **Not Satisfied:** Complete 4 units.

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

   **Courses Available**
   - CHEM 103A, CHEM 103A-CC, CHEM 104A, CHEM 105A, CHEM 106A, CHEM 151, (***) (###)

2. **Chemistry II**
   - **Not Satisfied:** Complete 4 units.

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

   **Courses Available**
   - CHEM 103B, CHEM 103B-CC, CHEM 104B, CHEM 105B, CHEM 106B, CHEM 152, (***) (###)

3. **Introductory Biology I**
   - **Not Satisfied:** Complete 4 units.

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

   **Courses Available**
   - MCB 181L, MCB 181R, MCB 184

4. **Introductory Biology II**
Not Satisfied: Complete 4 units.
- Units: 4.00 required, 0.00 completed, 4.00 needed

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Courses Available
ECOL 182L, ECOL 182R

5. Option I: Introductory Physics
Not Satisfied: Complete 8 units.
- Units: 8.00 required, 0.00 completed, 8.00 needed

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Courses Available
PHYS 102, PHYS 102-CC, PHYS 102-SA, PHYS 103, PHYS 103-CC, PHYS 181, PHYS 181-SA, PHYS 182

OR 5. Option II: Introductory Physics with Calculus
Not Satisfied: Complete 2 courses.
- Courses: 2.00 required, 0.00 completed, 2.00 needed

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Courses Available
PHYS 141, PHYS 241, Approved Transfer Work

6. Calculus
Not Satisfied: Complete 1 course.
- Courses: 1.00 required, 0.00 completed, 1.00 needed

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Courses Available
MATH 122B, MATH 124, MATH 125, MATH 125-CC, MATH 250A
7. Statistics

Not Satisfied: Complete 1 course.

- Courses: 1.00 required, 0.00 completed, 1.00 needed

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Courses Available

ISTA 116, MATH 263, MATH 263-CC, PSY 230, PSY 230-CC

8. Introductory Psychology

Not Satisfied: Complete 1 course.

- Courses: 1.00 required, 0.00 completed, 1.00 needed

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Courses Available

PSY 101, PSY 101-CC

Neuroscience and Cognitive Science Major

Overall Requirement Not Satisfied: Neuroscience and Cognitive Science Major Core Courses

1. Core Courses

Not Satisfied: Complete 6 courses.
Select from NSCS 200, NROS 307, NROS 310, NSCS 315, NSCS 320, and PSIO 465 OR PSIO 464

- Courses: 6.00 required, 0.00 completed, 6.00 needed

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Courses Available

BIOC 464, MCB 464, NROS 307, NROS 310, NRSC 464, NSCS 200, NSCS 315, NSCS 320, PSIO 464, PSIO 465

2. Core Courses

Not Satisfied: Complete 1 course. Note: some of these courses are also offered as emphasis electives--the same course cannot be used to fulfill both requirements.

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

LING 432, NROS 412, PHIL 432, PSY 326, PSY 329, PSY 329-CC, PSY 333, PSY 340, PSY 340-CC, PSY 358, PSY 358-CC, PSY 402, PSY 426, PSY 432

3. Additional Program Requirements

**Not Satisfied:** Students are required to attend two special lectures during the course of their tenure in the program, one on ethics and one on science policy making, both offered every year. Students should provide documentation of completion of these requirements to the program coordinator, who will indicate completion of the requirements on each student's academic advising report.

**Emphasis in Neurobiology**

Overall Requirement Not Satisfied: Emphasis in Neurobiology

**Emphasis in Neurobiology**

Overall Requirement Not Satisfied: Emphasis in Neurobiology

**Emphasis in Neurobiology**

Overall Requirement Not Satisfied: Emphasis in Neurobiology

- **Not Satisfied:** Complete 15 units.
  - A maximum of 1 course may be taken from PHYS 105A, ECE 175, ISTA 130 and CSC 127A.
  - A maximum of 1 course may be taken from ECOL487R&L and NROS 381.
  - A maximum of 6 units of NROS, PSY, SPH, EEB, MCB, or PSIO* 392, 399, 492, 498, 499 may be taken. *Other departments may be an option but must be approved by the NSCS Faculty Director.

  - **Units:** 15.00 required, 0.00 completed, 15.00 needed

Courses Available


**Neurobiology Graduation Requirements**

Overall Requirement Not Satisfied: Neurobiology 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 35 units must be completed in the major.

- **Units:** 35.00 required, 0.00 completed, 35.00 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

### 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.