Academic Advisement Report
UGRD.USCNC.ASTRBS
Undergraduate Career
College of Science Program
Astronomy Major (BS)
Requirement Term: Fall 2010

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.

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
Not Satisfied: A minimum of 18 of the final 30 units taken toward degree requirements must be in residence at The University of Arizona.
- Units: 18.00 required, 0.00 completed, 18.00 needed

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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.

Success Course 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

GE Substantial Math Strand

**Not Satisfied:** Complete 1 course from MATH 124,125,129,223 TO 499.


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

MATH 124, MATH 125, MATH 125-CC, MATH 129, MATH 129-CC, MATH 215, MATH 223, MATH 223-CC, MATH 250A, MATH 254, MATH 254-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 103H, ENGL 107

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
ENGL 109H

**Foundation Second Language - Second Semester Proficiency** (RS21)

*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 second semester or higher language course or by passing a language proficiency examination at the second semester level or higher.

**Second Semester Language Course** (RS21/L10)

*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** (RS22)

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

**Tier I Individuals & Societies** (RS22/L10)

*Not Satisfied:* Fulfillment of Individuals and Societies requires completion of two distinctly numbered courses (e.g., INDV 101 & 103).

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

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**Courses Available**

INDV 101, INDV 101-SA, INDV 102, INDV 102-SA, INDV 103, INDV 103-CC, INDV 103-SA, (***) (###)

**Tier I Traditions & Cultures** (RS22/L30)

*Not Satisfied:* Fulfillment of Traditions and Cultures requires completion of two distinctly numbered courses (e.g., TRAD 102 & 104).

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

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### Courses Available

TRAD 101, TRAD 101-CC, TRAD 102, TRAD 102-CC, TRAD 103, TRAD 103-SA, TRAD 104, TRAD 104-SA, (***) (###)

### 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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#### 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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#### 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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**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.

INDV 101 will only fulfill this area if topic taken is “Race, Ethnicity, and the American Dream”.

- Courses: 1.00 required, 0.00 completed, 1.00 needed
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 Astronomy
Overall Requirement Not Satisfied: Bachelor of Science in Astronomy

Astronomy Pre-Major
Overall Requirement Not Satisfied: Courses used to fulfill this requirement can be used to fulfill other requirements.

Mathematics
Not Satisfied: Complete 3 courses.

- Courses: 3.00 required, 0.00 completed, 3.00 needed

Courses Available
MATH 129, MATH 129-CC, MATH 223, MATH 223-CC, MATH 254, MATH 254-CC

Option I: Physics
Not Satisfied: Complete 4 courses.

- Courses: 4.00 required, 0.00 completed, 4.00 needed

Courses Available
PHYS 141, PHYS 142, PHYS 241, PHYS 242

OR Option II: Physics
Not Satisfied: OR Complete 4 courses.

- Courses: 4.00 required, 0.00 completed, 4.00 needed
### Courses Available

PHYS 161H, PHYS 162H, PHYS 261H, PHYS 263H

### Astronomy Major

**Overall Requirement Not Satisfied:** Astronomy Major

**Core I**

**Not Satisfied:** Complete 6 courses.

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

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### Courses Available

ASTR 250, ASTR 300A, ASTR 300B, ASTR 302, ASTR 400A, ASTR 400B

**Core II**

**Not Satisfied:** Complete 5 courses. A maximum of 1 course can be taken from PHYS 205 and 305; only one will be accepted towards this requirement. A maximum of 1 course can be taken from PHYS 426 and 325; only one will be accepted towards this requirement

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

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### Courses Available

ASTR 305, PHYS 305, PHYS 321, PHYS 331, PHYS 371, PHYS 426

**Upper Division Independent Study**

**Not Satisfied:** Complete a minimum of 3 units.

- **Units:** 3.00 required, 0.00 completed, 3.00 needed
Courses Available
ASTR 492, ASTR 498, ASTR 498H, ASTR 499, ASTR 499H

Astronomy Major Graduation Requirements
Overall Requirement Not Satisfied: Astronomy 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

Major Units
Not Satisfied: A minimum of 36 units must be completed in the major.
- **Units**: 36.00 required, 0.00 completed, 36.00 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 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
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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.