Astrophysics, PhD

In the astrophysics PhD program you can become part of NASA- and NSF-funded projects discovering new planets, tracing the evolution of stars and galaxies, exploring the origin and development of the universe, building space-flight hardware, and designing instruments for telescopes and satellites.

Program Description

Degree Awarded: PHD Astrophysics

The PhD program in astrophysics is designed to develop creative scholarship and prepare students for professional careers in astrophysics, astronomy or related fields.

At a Glance

- **College/School:** The College of Liberal Arts and Sciences
- **Location:** Tempe campus

Degree Requirements

84 credit hours, a written comprehensive exam, an oral comprehensive exam, a prospectus and a dissertation

**Required Core (1 credit hour)**
SES 502 Exploring SESE Research (1)

**Electives or Research (51 credit hours)**

**Other Requirements (20 credit hours)**
AST 521 Stars and Interstellar Medium I (3)
AST 522 Stars and Interstellar Medium II (3)
AST 523 Stars and Interstellar Medium III (3)
AST 531 Galaxies and Cosmology I (3)
AST 532 Galaxies and Cosmology II (3)
AST 533 Galaxies and Cosmology III (3)
AST 591 Seminar: Astrophysics (1)
SES 501 SESE Colloquium (1)

**Culminating Experience (12 credit hours)**
SES 799 Dissertation (12)

**Additional Curriculum Information**
When approved by the student's supervisory committee and the Graduate College, this program allows 30 credit hours from a previously awarded master's degree in a related field to be used for this degree.

*Substitutions for Other Requirements may be made per departmental approval.

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**Admission Requirements**

Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree, in any field, from a regionally accredited institution.

Applicants must have a minimum of a 3.00 cumulative GPA (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum of a 3.00 cumulative GPA (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

1. graduate admissions application and application fee
2. official transcripts
3. statement of purpose
4. GRE scores
5. three letters of recommendation
6. proof of English proficiency

**Additional Application Information**
An applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency.
Applicants should see the program website for application deadlines.

**Application Deadlines**

- **Fall**
- **Spring**

**Global Opportunities**

- PLuS Alliance
- Global Experience
- Global Degree

**Career Opportunities**

**Contact Information**

School of Earth and Space Exploration | ISTB4 795
sse-grad@asu.edu | 480-965-5081
Admission Deadlines