Astrophysics and Astronomy, MS

The astrophysics and astronomy master's degree program prepares you for discovering new planets, exploring cosmology, building space-flight hardware and instruments for telescopes and satellites. You can become part of NASA- and NSF-funded space missions, seeking to answer significant questions about how our universe began and how it continues to evolve.

Program Description

Degree Awarded: MS Astrophysics and Astronomy

The MS program provides fundamental graduate training in astrophysics and astronomy. It prepares candidates for further graduate study or for careers in related fields such as scientific staff positions at government laboratories, teaching at the community college level and technical positions in industry.

At a Glance

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

Degree Requirements

30 credit hours and a thesis

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

**Electives or Research (3 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 (6 credit hours)
SES 599 Thesis (6)

Additional Curricular Information
For other requirement courses, substitutions may be made per department approval.

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 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.

Students should see the program website for application deadlines.

Application Deadlines

Fall

Spring

Contact Information

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

Admission Deadlines