Astrophysics and Astronomy, MS

The astrophysics and astronomy MS program prepares you for discovering new planets, exploring cosmology, and building space-flight hardware and instruments for telescopes and satellites. You work with world-class faculty on NASA- and NSF-funded space missions, seeking answers to questions about how our universe began and how it continues to evolve.

Program Description

Degree Awarded: MS Astrophysics and Astronomy
This 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)

Outside 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.

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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 degree, in any field, from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (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. three letters of recommendation
5. proof of English proficiency

**Additional Application Information**
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Students should see the program website for application deadlines.

**Application Deadlines**
Contact Information

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