Astronomy is one of the greatest adventures in human history. It is a quest to understand our origin and fate, a pursuit of knowledge within the infinite richness of the universe. Using state-of-the art ground- and space-based facilities, astronomers are studying the births of the first stars and galaxies, deciphering how proto-galaxies evolved into present-day systems like our own Milky Way, discovering planets in other star systems, and probing the nature of dark matter and dark energy.

Join this adventure by enrolling in the astronomy program at The University of Texas at Austin. You will learn from, and conduct research with, some of the world's top astronomers in the Department of Astronomy. You also will have the chance to conduct research at McDonald Observatory, and to use data from such astronomy satellites as the Hubble Space Telescope, Spitzer Space Telescope, and the Swift gamma-ray burst telescope.

Our program provides opportunities for motivated students with an interest in astronomy, physics, mathematics, or related sciences. Our astronomy department fosters a stimulating and friendly atmosphere that promotes intellectual and individual development. We offer prize awards to entering students, vibrant research opportunities, merit and research awards for advanced students, and a mentoring program.

Your education will prepare you for many career paths spanning education, research, computing, government and journalism. And it will give you the opportunity to take part in the great intellectual adventures and explorations of astronomy.

For more information

Undergraduate Program
www.as.utexas.edu/astronomy/education/ugradstudies.html

Departmental Undergraduate Awards
www.as.utexas.edu/astronomy/education/uawards.html
undergrad-award@astro.as.utexas.edu

Department of Astronomy
www.as.utexas.edu/astronomy/astronomy.html

McDonald Observatory
mcdonaldobservatory.org

Contact us
If you have questions, please contact us
Student Coordinator
Department of Astronomy
The University of Texas at Austin
RLM 15.202AA
Austin, Texas 78712
(512) 471-3350
(512) 471-6016 (fax)
studentinfo@astro.as.utexas.edu
Student Support and Awards
- Prize awards given to the two best students admitted to the first year of the UT Astronomy program
- Scholarships to students in the 2nd to 4th years for outstanding academic achievement, research, and service
- Yearly awards for outstanding undergraduate research projects
- Awards to support research and travel to astronomy conferences
- Awards to support travel and accommodation expenses at McDonald Observatory from the Walton Funds

Mentorships
Graduate students serve as mentors, providing guidance on the astronomy program and acting as a bridge between undergraduates and faculty members.

Research Experience for Undergraduates in Astronomy and Astrophysics
Year-round opportunities to conduct exciting research projects spanning a wide range of astrophysical topics with our internationally recognized faculty and research staff. Additional 10-week summer field experience at McDonald Observatory

Astronomy Student Association
An enjoyable way for undergraduate students to be more involved in research and the scientific process and for non-scientists to learn about astronomy.

Astronomy at The University of Texas at Austin
One of the Top 10 astronomy research programs in the country

Department of Astronomy
Faculty members are among the worldwide leaders in cosmology, galaxies, stars, planets, and the solar system.

McDonald Observatory
World-class research telescopes and instrumentation, including the Hobby-Eberly Telescope, one of the world's largest.

Degree Programs
Bachelor of Arts in Astronomy
Bachelor of Science in Astronomy
Honors Program

Sample Courses
Lower Division
- Introductory Astronomy
- Mechanics
- Electricity and Magnetism
- Wave Motion and Optics
- Astronomical Observations
- The Milky Way Galaxy

Upper Division
- Astrophysics
- Galaxies and the Universe
- Astronomical Instrumentation
- Solar System Astronomy
- Classical Dynamics
- Classical Electrodynamics
- Quantum Mechanics
- Thermodynamics and Statistical Mechanics

Career Options
Astronomer and Educator
Research Scientist
Telescope Operator
Instrument/Spacecraft Designer
Science Museum Planner/Lecturer
Science Writer/Journalist
Climate Researcher
Computer/Electronics/Equipment Designer
Data Analyst for non-astronomical research
Software Developer
Computer Programmer