

Aim for the stars: Explore SESE's degree programs

At SESE, our students acquire the tools and knowledge to be able to answer the largest scientific questions in fields including astrobiology and astrophysics, exploration systems design, geological sciences and more. Our bachelor's, master's and doctoral programs are designed to challenge students, to encourage critical thinking and scientific inquiry, and to inspire exploration.



Undergraduate Degrees

Grid List



Earth and Environmental Studies (BA)

The BA program in earth and environmental studies provides a foundational understanding of the evolution of the earth...



Earth and Space Exploration (BS)

The BS program in earth and space exploration offers students an integrated education across earth sciences, planetary...



Earth and Space Exploration (Astrobiology and Biogeosciences) (BS)

Astrobiology studies the origins, evolution, distribution and future of life in the universe. Biogeoscience focuses on...



Farth and Snace Evolutation (Astronhysics) (RS)

The BS in earth and space exploration with a concentration in astrophysics is designed to offer students a fundamental...



Earth and Space Exploration (Exploration Systems Design) (BS)

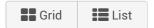
The exploration systems design concentration offers students a fundamental curriculum in geology, physics and...



Earth and Space Exploration (Geological Sciences) (BS)

Geological science is the study of the Earth and other planets with an emphasis on the processes that have shaped them...

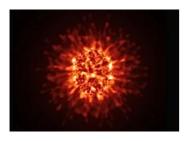
Graduate Degrees





Astrophysics and Astronomy, MS

The program provides fundamental graduate training in astrophysics and astronomy. It prepares candidates for further...



Astrophysics, PhD

The PhD program in astrophysics is designed to develop creative scholarship and prepare students for professional careers...



Exploration Systems Design (Instrumentation), PhD

The PhD program in exploration systems design offers students an advanced systems approach for developing scientific...



Exploration Systems Design (Sensor Networks), PhD

The PhD program in exploration systems design offers students an advanced systems approach for developing scientific...



Exploration Systems Design (Systems Engineering), PhD

The PhD program in exploration systems design offers students an advanced systems approach for developing scientific...



Geological Sciences, MNS

The School of Earth and Space Exploration participates in the program leading to the MNS in natural science with a...



Geological Sciences, MS

The MS program in geological sciences is designed to provide fundamental graduate training in geology and to prepare the...



Geological Sciences, PhD

The PhD program in geological sciences is designed to develop creative scholarship and to prepare students for...



an academic unit of the

















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