

ENVIRONMENTAL STUDIES

DEGREE REQUIREMENTS

- 42 Hours of Core Curriculum
- 57 Hours of ENST Courses
- 15 Hours of Environmental Theme Electives
- 6 Hours of General Electives

INTERNSHIPS

Environmental programs students regularly obtain internships in places like:

- Texas Water Resources Institute
- TCEQ
- Drake Environmental
- EPA Water Division
- Repsol Renewables
- Amazon
- Alaska Wildlife Conservation Center
- Harris County, District Attorney's Office
- Terracon Consultants
- North Texas Municipal Water District

DEGREE OVERVIEW

The Bachelor of Science degree in Environmental Studies (BS-ENST) blends an interdisciplinary understanding of Earth's surface processes and environmental problems, along with the policy and decision-making components of human interactions with the environment. The degree is designed to educate students about the scientific, human-dimension and policy aspects of environmental issues facing our state and nation as they work in regulatory agencies, industry, and non-governmental organizations to resolve problems. The program stresses mastery of knowledge and skills that will position students for future success in environmental careers and for graduate and professional training in fields such as environmental consulting, public policy, journalism, education, and law.

STUDENT EXPERIENCE

Experiential learning through research, internships, fieldwork, study abroad, and problem-based learning projects is vital for ENST students. The program provides hands-on experience through cornerstone and capstone courses, with opportunities for research and internships in environmental fields. These develop practical skills, deepen understanding of environmental issues, create a sense of belonging, and prepare students to become effective environmental professionals capable of creating positive change.



WORKFORCE DEVELOPMENT

The B.S. ENST offered in the College of Arts & Sciences prepares graduates for diverse careers in sustainability consulting, environmental policy analysis, corporate sustainability, environmental non-profits, government agencies, and graduate studies in related fields. With rapidly growing demand for sustainability professionals and green skills, graduates will be well-positioned to contribute to advancing sustainability solutions across sectors.

CONTACT US

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ENVIRONMENTAL THEMES

- **Global Environment** examines climate change science, environmental ethics, and sustainable development approaches.
- **Occupational Health and Safety** examines environmental health and safety issues, health disparities dimensions of environmental issues
- **Environmental Regulation and Compliance** deepens students' knowledge in environmental regulations, environmental compliance, policy analysis, and environmental decision-making.
- **Geographic Information Science and Technology** provides training in GIS, remote sensing and other geospatial skills needed in the environmental sector.
- **Urban Environment** examines sustainable cities, urban planning, and urban environmental challenges.



ENST CORE COURSES

- Two Earth Sciences (ATMO, GEOG, GEOL, and OCNG)
- Introduction to Environmental Systems Science (ENSS 105)
- Socio-Environmental Systems & Sustainability (ESST 201)
- ENVP Cornerstone (ENSS 205)
- Resources & the Environment (GEOG 330)
- Environmental Ethics (PHIL 314)
- Workshop in Environmental Studies (GEOG 380)
- Geographic Information Systems (GEOG 390)
- Environmental and Natural Resource Economics (AGEC 350)
- The Science and Politics of Global Climate Change (ATMO 444)

PROFESSIONAL SKILLS

ENST students build professional skills as they participate in:

- Undergraduate Research
- Study Abroad
- Internships
- Environmentally-Focused Student Organizations



TEXAS A&M UNIVERSITY
College of Arts
& Sciences