



Arizona State University (Tempe campus)

Earth and Environmental Sciences, BA

Study details

Course type: Bachelor's degree

Degree: Earth and Environmental Sciences, BA LAESBA

Study mode: Full time

Duration: 48 Month

Cost of study

Cost : 35 430 USD

Reg. fee : 85 USD

Scholarship :

Insurance : 2 765 USD

Intake/s

Jan/May/Aug

Requirements

Academic requirements

First-year students must:

- Have a 3.00 grade point average (GPA) (a "B" or better where "A"=4.00) from a secondary school. Some ASU programs may have higher admission or English proficiency requirements and may consider a minimum ACT or SAT score.
- Must have three years of high school coursework. (If you are currently in high school, ASU needs to see 9–11 grade coursework. If you have completed high school, ASU needs to see 10–12 grade coursework.)
- Must have and present a completed high school diploma or certificate.

Conditional admission

ASU may offer conditional undergraduate admission to international applicants to an on-campus program who meet the academic (aptitude) requirements but who are not proficient in English. This offer of conditional admission will give you time to improve your English proficiency before you start classes at ASU. Your conditional admission offer is good for up to three semesters, during which time you must meet one of these requirements to begin your ASU experience.

Competency requirements

International students who completed high school outside the U.S. are required to meet the following competency requirements:

- Math: four years (algebra I, geometry, algebra II and one course requiring algebra II as a prerequisite).

- Laboratory science: three years total (one year each from any of the following areas are accepted: biology, chemistry, earth science, integrated sciences and physics).

Provide evidence of English language proficiency (TOEFL 61)

Accommodation

Provided by partner agencies

Speciality

STEM-OPT for international students on F-1 visas

This program may be eligible for an Optional Practical Training extension for up to 24 months. This OPT work authorization period may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension at ASU's International Students and Scholars Center website.

The OPT extension only applies to students on an F-1 visa and does not apply to students completing a degree through ASU Online.

Available online

Additional information

Program description

The BA in Earth and environmental sciences helps students understand the function and evolution of the world and the vulnerabilities of the environment. The degree provides broad training in physical science and geoscience, with emphasis on understanding Earth's life-sustaining surface environment.

The program explores climate change, energy resources, natural hazards, ocean environments and implications for sustainable human civilizations, empowering graduates to help Arizona and the global community address many critical environmental challenges facing society.

Elective tracks allow students to focus their studies on climate and environmental change, environmental policy, sustainability, Earth resources, environmental management or environmental education.

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Global opportunities

Global experience

Not only is the physical environment varied across the globe, so is the human treatment of it. [Global education programs](#) allow students to gain a deeper understanding of the global environment, how culture affects the environment and how to best communicate environmental research to a diverse audience. Programs are offered in a variety of countries around the world.

Career opportunities

The Bureau of Labor Statistics and the American Geosciences Institute project strong job growth in environmental science and geoscience. Graduates will be well prepared for "green" professional careers in fields such as environmental education, environmental reporting, public planning, environmental consulting and natural resource management, or for graduate school in related disciplines such as natural and environmental sciences or education, environmental public policy and environmental management.

Career opportunities include:

- conservation scientist or natural resource manager
- data analyst
- environmental monitoring and exposure assessor
- environmental or sustainability consultant or planner
- environmental protection or remediation scientist, consultant or manager
- environmental specialist, analyst or technician
- natural hazards assessment and mitigation specialist
- public policy and planning specialist
- science teacher
- water resources specialist

Career settings include:

- educational institutions
- environmental consulting firms
- environmental engineering firms
- federal, state and local government agencies
- museums
- nongovernmental organizations
- nonprofit organizations
- publishing companies
- regulatory agencies
- utility companies