

Geography, BS

LAGCUBS

Develop your understanding of climate, landforms and biogeography. Learn about the world around you, from the sky to the bottom of the ocean, and how humans impact landscapes across various geographic regions.


Program description

Geographers have a distinct spatial perspective in understanding the world, from global to local, through the twin lenses of space and place.

Students in the BS program in geography learn about natural features of the world, including landforms, plants, water and weather, as well as the impact humans have on the world. This degree program also emphasizes social science or environmental science dynamics involving economic patterns, human populations and transportation.

In addition to the guidelines in the Concurrent Program Options section below, students interested in pursuing concurrent or second baccalaureate degrees in The College of Liberal Arts and Sciences are advised to visit [The College's website](#) for more information and requirements.

At a glance

- **College/School:** [The College of Liberal Arts and Sciences](#)
- **Location:** [Tempe](#) or [Online](#), [ASU Local](#)
- **Second language requirement:** No
- **First required math course:** MAT 142 - College Mathematics
- **Math intensity:** General 

Required courses (Major Map)

[2024 - 2025 Major Map \(on-campus\)](#)

[2024 - 2025 Major Map \(online\)](#)

[Major Map \(Archives\)](#)

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.

Accelerated program options

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an [accelerated bachelor's plus master's degree](#) with:

[Geography, MA](#)

[Urban and Environmental Planning, MUEP](#)

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and [how to apply](#).

Admission requirements

General university admission requirements:

All students are required to meet general university admission requirements.

[First-year](#) | [Transfer](#) | [International](#) | [Readmission](#)

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about [ASU tuition and financial aid](#) options to find out which will work best for them.

Change of Major Requirements

A current ASU student has no additional requirements for changing majors.

Students should visit the [Change of Major form](#) for information about how to change a major to this program.

Attend online

ASU Online

ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may [view the program's ASU Online page](#) for program descriptions and to request more information.

ASU Local

It is now possible to earn an ASU degree with [ASU Local](#), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use [MyPath2ASU®](#) to outline a list of recommended courses to take prior to transfer.

ASU has [transfer partnerships](#) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Global opportunities

Global experience

Students deepen their understanding of cultural traditions in the human experience of place when studying abroad. With more than 300 programs available, students who participate in a [Global Education program](#) tailor their experience to their specific interests and skill sets. Studying abroad grants students the ability to explore the world and gain hands-on experience in diverse cultures and traditions. Students enhance their resumes with the heightened skills in cultural competency, communication and critical thinking they acquire through study abroad.

Career opportunities

Having gained skills in geospatial techniques, geographers with a Bachelor of Science degree go on to careers such as:

- computer cartographers
- environmental impact assessment analysts
- geographic information science specialists and analysts
- geomorphologists
- hydrology and water resource specialists

- location analysts for businesses
- photogrammetry specialists
- remote sensing analysts

Graduates also are presented with a host of other geospatial career options in the burgeoning fields of geographic information science, mapping and navigation systems.

Example job titles and salaries listed below are not necessarily entry level, and students should take into consideration how years of experience and geographical location may affect pay scales. Some jobs also may require advanced degrees, certifications or state-specific licensure.

Career	*Growth	*Median salary
<u>Cartographer (Map Maker)</u> 	5.0%	\$71,890
<u>Climate Change Analyst</u> 	6.1%	\$76,480
<u>Conservation Officer</u>		\$32,270
<u>Environmental Compliance Inspector</u> 	4.6%	\$71,690
<u>Environmental Restoration Planner</u> 	6.1%	\$76,480
<u>Fish and Game Warden</u>		\$59,500
<u>Geographic Information Systems Analyst (GIS Analyst)</u>	1.1%	\$88,900
<u>Geographic Information Systems Technician (GIS Technician)</u> 	9.7%	\$98,740
<u>Hydrogeologist</u> 	4.8%	\$144,440
<u>Survey Technician</u>	3.3%	\$47,180

* Data obtained from the Occupational Information Network (O*NET) under sponsorship of the U.S. Department of Labor/Employment and Training Administration (USDOL/ETA).

 [Bright Outlook](#)

Contact information

[Schedule an advisor appointment](#)

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