University of Oregon

Spatial Data Science and Technology

Study details

Course type: Bachelor's degree
Degree: Spatial Data Science and Technology BA/BS
Study mode: Full time
Duration: 48 Month

Cost of study

Cost : 44 598 USD
Reg. fee : N/A USD
Scolarship :
Insurance : N/A USD

Intake/s

Sep

Requirements

- English entry - TOEFL 88+ (IELTS 7.0)
- GPA entry - 3.0 GPA or equivalent

Accommodation

- Shared bedroom
- Shared bathroom
- Shared kitchen
- High-speed internet connectivit
- Rooms that come with basic furniture (bed, mattress, desk, chair, dresser and closet)
- All bills included
- Access to student lounges with TVs and games for entertainment
- On-site laundry facilities
- Secure door entry and security cameras for your safety

Speciality

If your English and / or academic level is lower than what you see above, please contact us. We will do everything we can to find you a great path to university.

Additional information

About the major

Spatial data is integrated in our everyday lives. From geotagging to geocaching to finding a place to enjoy some coffee, we are all integrated in a complex web of movement, place, and discovery. Spatial data science and technology is not a program about making maps—it's about asking relevant questions, harnessing data, and understanding the appropriate way to use it. It's not just about learning how to use software programs, but about how you can contribute to a new generation of digital technologies that represent a high-growth industry—one that is revolutionizing business, nonprofit, and government worlds alike. At the UO, faculty members use spatial technologies to focus on remote sensing of river systems, climate change analysis, web-mapping, cartography, spatial cognition, spatial decision-making, and social equity.

This major is very flexible with four required courses in geography and computer science, and then eight electives that students can focus in their areas of interest. Our courses focus on geographic information systems science, cartography, remote sensing, spatial analysis, and spatial modeling.

A little more info

- Spatial data science and technology is located within the Department of Geography, and the two majors pair well together as geography is a discipline that asks questions about how spatial processes shape the world around us, ranging from climate, fire, and water to food, politics, and economies.
- Our department is consistently ranked in the top 10 by the National Research Council, which ranks the quality of research and PhD programs. This is reflected in our high-quality undergraduate courses and faculty expertise.
- The geography department offers integrated academic and career advising and a robust connection to alumni and career opportunities through an active jobs page and career events.
- Spatial data science and technology majors can take a course called the professional geographer which pushes students to think beyond their major and develop broader transferable skills through a project of personal interest.