B.S. in Geography and Geospatial Science

Geography is the study of Earth’s environments, landscapes, peoples, and places. It includes natural science (physical geography), social science (human geography), and geospatial science (GIScience). Geographers collect, analyze, and display spatial information, and apply the concepts and theory of geography to explore social and environmental questions. Geography at OSU focuses on topics including water, climate and society; hazards and resources; and human-environment relations with an international perspective aimed at enhancing global awareness. Graduates are well-prepared for work in disaster management, land use planning for sustainable communities, and the latest computer mapping and analysis techniques. Students gain experience through field courses, and complete one or more of an internship, research project, or undergraduate thesis. The degree culminates with a capstone course that examines the social, political, and ethical dimensions of geospatial science.

Your Bachelor’s Degree (BS) in the College of Earth, Ocean, and Atmospheric Sciences

- A minimum of 180 credits are required for graduation; 60 must be upper division (300 and 400-level courses).
- A maximum of 124 credits earned at a community college may be applied toward a bachelor’s degree at OSU.
- Only courses with letter prefixes and numbers above 100 are accepted.
- Some courses can count towards your major and the Baccalaureate Core. Check with your advisor.
- See the OSU Catalog for a list of courses required for your major and option: catalog.oregonstate.edu

Courses for this Major (offered at Lane Community College)

Priority courses to complete before transferring are distinguished by *

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Lane Equivalent</th>
<th>OSU Courses</th>
<th>Notes</th>
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<tbody>
<tr>
<td>Mathematics *</td>
<td>MTH 112</td>
<td>MTH 112</td>
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<tr>
<td>Statistics</td>
<td>None</td>
<td>ST 351</td>
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<td>ST 352</td>
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<tr>
<td>Foundation of Geospatial Science/GIS</td>
<td>GEOG/GIS 151</td>
<td>GEOG 201</td>
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<tr>
<td>Human Geography</td>
<td>GEOG 142</td>
<td>GEOG 103</td>
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<tr>
<td>GIScience I</td>
<td>GIS 245</td>
<td>GEOG 360</td>
<td>Will not count toward upper-division credits</td>
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<tr>
<td>Potential Geography Elective</td>
<td>GIS 246</td>
<td>GEOG 361</td>
<td>Will not count toward upper-division credits</td>
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**SKILLS COURSES**
- Math
- Writing I
- Writing II
- Speech (Writing III)
- Fitness

**Completed as part of major.**

**Writing I**
- WR 121. Required to transfer.
- Many options, see BaccCore link above

**Writing II**
- Many options, see BaccCore link above

**Speech (Writing III)**
- HE 275

**Perspective Courses**
- Biological Science
- Physical Science
- Additional Biological or Physical Science
- Cultural Diversity
- Literature and the Arts
- Social Processes and Institutions
- Western Culture

**Many options, see BaccCore link above**

**DPD Course**
- Difference, Power, & Discrimination

**Many options, see BaccCore link above**

**Synthesis Courses**
- Contemporary Global Issues
- Science, Technology, & Society

**Upper division course, take through OSU**

**Advice Contacts**

It is important to speak with your OSU academic advisor early on, and often, to ensure correct course selection and sequencing.

Academic advisors at your community college and OSU are available to answer your questions and assist you in creating a transfer plan. **See your community college advisor first and use this Transfer Guide to help you plan.** Also, consider visiting OSU to take a campus tour and meet with an advisor. See [visitosu.oregonstate.edu/visit-campus](http://visitosu.oregonstate.edu/visit-campus) to schedule your personalized visit.

<table>
<thead>
<tr>
<th>Lane Community College</th>
<th><a href="https://www.lanec.edu/advising/advisors">https://www.lanec.edu/advising/advisors</a></th>
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<tbody>
<tr>
<td>OSU College of Earth, Ocean, and Atmospheric Sciences [CEOAS]</td>
<td><a href="https://ceoas.oregonstate.edu/academics/advising/">https://ceoas.oregonstate.edu/academics/advising/</a></td>
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<tr>
<td>CEOAS Student Services Office</td>
<td>104 Wilkinson Hall, Corvallis, OR 97331-5503 541-737-1201</td>
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