UNIVERSITY GRADUATION REQUIREMENTS: OSU’s minimum credit hour requirements are met by combining Baccalaureate Core and Major courses plus other electives of your choice. Additional electives may be needed to reach the university degree requirements.

- 180 credits – Minimum number of credits required for a BS degree
- 60 credits – Minimum number of upper division credits required
- 2.00 Cumulative OSU GPA and major GPA
- 45 of the last 75 credits (or 150 total credits) of coursework must be from OSU

BACCALAUREATE CORE REQUIREMENTS: Total of 48 credits plus WIC course. No single course may be used to satisfy more than one area of the Bacc Core. Courses fulfilled through the major are checked.

Skills (15 credits)
- Writing I (3)
- Writing II (3)
- Speech (3)
- Math 105 or higher (3)
- HHS 231 Lifetime Fitness for Health (2)
- Fitness lab (HHS 241-248 or any PAC course) (1)

Perspectives Courses (24 credits – No more than two courses taken from the same department.)
- Biological Science w/lab (4)
- Physical Science /lab (4) (Could be met by GEOG 201)
- Biological or Physical Science w/lab (4) (Could be met by GEOG 102/GEO 202)
- Cultural DiversityCD (3) (Could be met by GEOG 105)
- Literature and the Arts (3)
- Social Processes and Inst.SI (3) (Could be met by GEOG 103, 240, 251)
- Western CultureWC (3) (Could be met by GEOG 106)

Difference, Power and Discrimination (3 credits)
- Difference, Power and DiscriminationDPD (3) (Met by GEOG 203)

Synthesis (6 credits – These two courses must be from different subjects.)
- Contemporary Global IssuesCD (3) (Could be met by GEOG 330 or GEOG 331)
- Science, Technology and SocietyCD (3) (Could be met by GEOG 300 or GEOG 340)

Writing Intensive CourseWIC (3-4 credits)
- Met by GEOG 330 (3), GEOG 323 (4), or GEOG 324 (4)

GEOGRAPHY AND GEOSPATIAL SCIENCE MAJOR REQUIREMENTS: Students must earn at least a C minus in upper division (300 or higher) courses required for the major, and a 2.0 GPA in major coursework. Students cannot S/U major requirements.

Supporting Skills (12 credits)
- MTH 112 Elementary Functions (4)
- ST 351 Introduction to Statistical Methods (4)
- ST 352 Introduction to Statistical Methods (4)

Foundational Skills (17 credits)
- GEOG 105 Geography of the Non-Western WorldCD (3)
- GEOG 106 Geography of the Western WorldWC (3)
- GEOG 102 Physical Geography (4) or GEO 202 Earth System Science (4)
- GEOG 103 Human GeographySI (3) or GEOG 203 Human-Environment GeographyDPD (3)
- GEOG 201 Foundations of Geospatial Science and GIS** (4)
- GEOG 240 Climate Change, Water, and SocietySI (3)
- or GEOG 250 Land Use Planning for Sustainable CommunitiesSI (3)
- or GEOG 251 Geography of Disaster ManagementSI (3)
Upper-Division Geospatial Science Techniques and Problem-Solving (12 credits)

- GEOG 360 GIsci. I: Geog Info Systems and Theory** (4)
- GEOG 370 Geovisualization: Cartography** (4)
- GEOG 480 Remote Sensing I: Princ. and Appl.** (4)

Prerequisites

Physical Geography (4 credits)
- GEOG 323 ClimatologyWIC (4)
- or GEOG 324 Ecological BiogeographyWIC (4)

Seminar (1 credit)
- GEOG 407 Geography Seminar (1)

Experiential Learning (9 credits)
- GEOG 295 Introduction to Field Geography (3) [one week mid-September field trip]
- GEOG 495 Field Geography of Oregon (3)
- GEOG 410 Internship (3)
- or GEOG 403 Thesis (3) or GEOG 401 Research (3)

Capstone (3 credits)
- GEOG 464 Geospatial Perspectives on Intelligence, Security, and Ethics (3)

Upper-Division Geography and Geospatial Science Electives (27 cr)
Choose at least 27 credits from lists below, at least five courses at the 400 level:

Geospatial Science
- GEOG 361 GIScience II: Analysis and Applications* (4)
- GEOG 462 GIScience III: Programming for Geosp Analysis* (4)
- GEOG 463 GIScience IV: Spatial Modeling* (4)
- GEOG 371 Geovisualization: Web Mapping* (4)
- GEOG 472 Geovisualization: Geovisual Analytics* (3)
- GEOG 481 RS II: Digital Image Processing* (4)

International Studies
- GEOG 311 Geography of AfricaCD (3)
- GEOG 313 Geography of AsiaCD (3) [ECampus only]
- GEOG 314 Geography of Latin AmericaCD (3)
- GEOG 330 Geography of Int'l Development and GlobalizationWICG (3)
- GEOG 431 Global Resources and Development (3)

Water Resources
- GEOG 340 Introduction to Water Science and PolicyS (3)
- GEOG 423 Snow Hydrology (3)
- GEOG 424 Hydrology for Water Resources Management (3)
- GEOG 440 Water Resources Management in the US (3)
- GEOG 441 International Water Resources Management (3)

Resources, Hazards, and Planning
- GEOG 309 Environmental JusticeDPD (3)
- GEOG 300 Sustainability for the Common GoodGIS (3)
- GEOG 331 Population, Consumption, and EnvironmentG (3)
- GEOG 350 Geography of Natural HazardsG (3)
- GEOG 430 Resilience-Based Nat’l Resource Management (3)
- GEOG 432 Geography of Food and AgricultureS (3)
- GEOG 450 Land Use in the American West (3)
- GEOG 451 Planning Principles and Practices for Resilient Communities (4)
- GEOG 452 Sustainable Site Planning (3)

** Required for GIScience certificate
* GIScience certificate elective

CD = Cultural Diversity
DPD = Difference, Power and Discrimination
G = Contemporary Global Issues
S = Science, Technology and Society
SI = Social Processes and Institutions
WIC = Writing Intensive