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
- 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 ArtsA (3)
- Social Processes and Inst.SPI (3) (Could be met by GEOG 240)
- Western CultureWC (3) (Could be met by GEOG 106)

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

Synthesis (6 credits – These two courses must be upper division and from different subjects.)
- Contemporary Global Issues (3) (Met by GEOG 330 or GEOG 331)
- Science, Technology and Society (3) (Met by GEOG 300 or GEOG 340)

Writing Intensive Course within Earth Sciences (3-4 credits)
- Met by GEOG 330 (3) or GEOG 323 (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 overall 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 World (3) [W]
- or GEOG 106 Geography of the Western World (3) [Sp]
- GEOG 102 Physical Geography (4) [Sp] or GEO 202 Earth System Science (4) [W]
- GEOG 103 Human Geography (3) [Sp] or GEOG 203 Human-Environment Geography (3) [F]
- GEO 201 Foundations of Geospatial Science and GIS** (4) [WF]
- GEOG 240 Climate Change, Water, and Society (3) [F]
- or GEOG 250 Land Use Planning (3) [F]
- or GEOG 251 Geography of Disaster Management (3) [F]
Upper-Division Geospatial Science Techniques and Problem-Solving (12 credits)

Prerequisites
- GEOG 360 GISci. I: Intro to GIS and Theory** (4) [FSp]
- GEOG 370 Geovisualization: Cartography** (4) [W] GEOG 201
- GEOG 480 Remote Sensing I: Princ. and Appl.** (4) [F] GEOG 201

Physical Geography (4 credits)
- GEOG 323 ClimatologyWIC (4) [Sp] GEOG 102 or GEO 202 or GEO 221 or ATS 201 or OC 201
  or GEOG 324 Geography of Life (4) [Sp]

Seminar (1 credit)
- GEOG 407 Geography Seminar (1) [FW]

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

Capstone (3 credits)
- GEOG 464 Geosp. Pers. on Intell., Sec., & Ethics (3) [Sp] GEOG 360

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) [W]
- GEOG 462 GIScience III: Prog. for Geosp. Analysis* (4) [Sp]
- GEOG 463 GIScience IV: Spatial Modeling* (4) [F]
- GEOG 371 Geovisualization: Web Mapping* (4) [F]
- GEOG 472 Geovisualization: Geovisual Analytics* (4) [Sp]
- GEOG 481 RS II: Digital Image Processing* (4) [W]

International Studies
- GEOG 311 Geography of AfricaCD (3) [Sp]
- GEOG 313 Geography of AsiaCD (3) [Ecampus only F]
- GEOG 314 Geography of Latin AmericaCD (3)
- GEOG 330 Geo. of Int'l Dev. & Global. WIC/G (3) [W]
- GEOG 431 Dev. and Global Res. (3) [W]

Water Resources
- GEOG 340 Intro. to Water Science and PolicyS (3) [SpSuF]
- GEOG 424 Hydrology for Water Resources Mgt (3) [W]
- GEOG 440 Water Resources Management in the US (3) [Sp]
- GEOG 441 Int'l Water Resources Management (3) [W]

Resources, Hazards, and Planning
- GEOG 300 Sustainability for the Common GoodCD (3) [WSpSuF]
- GEOG 331 Population, Consumption, and Enviro. CD (3) [Sp]
- GEOG 350 Geography of Natural HazardsCD (3) [W]
- GEOG 430 Resilience-Based Nat'l Resource Management (3) [Sp]
- GEOG 432 Geography of Food & AgricultureCD (3) [Sp]
- GEOG 450 Land Use in the American West (3) [F]
- GEOG 451 Planning Principles & Pract. for Resilient Comm. (4) [F]
- GEOG 452 Sustainable Site Planning (3) [W]

** Required for GIScience certificate
* GIScience certificate elective
CD = Cultural Diversity
G = Contemporary Global Issues
S = Science, Technology and Society
WIC = Writing Intensive
Su = summer
Alt = alternating
F = fall
W = winter
Sp = spring