**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)
- (Met by GEOG 102/GEO 201)
- Cultural DiversityCD (3) (Could be met by GEOG 105 or 313)
- Literature and the Arts (3)
- Social Processes and Inst.SI (3) (Could be met by GEOG 103, 250)
- 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 IssuesG (3) (Could be met by GEOG 300, 331, or 350)
- Science, Technology and SocietyG (3) (Could be met by GEOG 300 or 340)

**Writing Intensive Course**WIC (3-4 credits)
- Met by GEOG 323 (4)

**GEOGRAPHY AND GEOSPATIAL SCIENCE ECAMPUS 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) or GEOG 106 Geography of the Western WorldWC (3)
- GEOG 102 Physical Geography (4)
- GEOG 103 Human GeographySI (3) or GEOG 203 Human-Environment GeographyDPD (3)
- GEOG 201 Foundations of Geospatial Science and GIS** (4)
- GEOG 250 Land Use PlanningSI (3)
### Upper-Division Geospatial Science Techniques and Problem-Solving (12 credits)

- GEOG 360 GIScience I: Geog Info Systems and Theory** (4)
- GEOG 370 Geovisualization: Cartography** (4)
- GEOG 480 Remote Sensing I: Principles and Applications** (4)

#### Prerequisites
- GEOG 201

### Physical Geography (4 credits)
- GEOG 323 ClimatologyWIC (4)

#### Prerequisites
- GEOG 102 or GEO 202 or GEO 221 or ATS 201 or OC 201

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

### Experiential Learning (9 credits)
- GEOG 295 Introduction to Field Geography (3)
- GEOG 495 Field Geography (3)
- GEOG 410 Internship (3)
  - or GEOG 403 Thesis (3) or GEOG 401 Research (3)
- GEOG 295

### Capstone (3 credits)
- GEOG 464 Geospatial Perspectives on Intelligence, Security, and Ethics (3)
- 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. May be able to substitute 300 level courses with advisor approval:

#### Geospatial Science
- GEOG 361 GIScience II: Analysis and Applications* (4)
- GEOG 462 GIScience III: Programming for Geospatial Analysis* (4)
- GEOG 463 GIScience IV: Spatial Modeling* (4)
- GEOG 371 Geovisualization: Web Mapping* (4)
- GEOG 481 Remote Sensing II: Digital Image Processing* (4)

#### International Studies
- GEOG 313 Geography of AsiaCD (3)

#### Resources, Hazards, and Planning
- GEO 309 Environmental Justice (3)
- GEOG 300 Sustainability for the Common GoodG/S (3)
- GEOG 331 Population, Consumption, and EnvironmentG (3)
- GEOG 350 Geography of Natural HazardsG (3)
- GEOG 452 Sustainable Site Planning (3)

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** Required for GIScience certificate
* GIScience certificate elective

CD = Cultural Diversity
DPD = Differences, Power, and Discrimination
G = Contemporary Global Issues
S = Science, Technology and Society
SI = Social Processing and Institutions
WC = Western Culture
WIC = Writing Intensive