

## GEOGRAPHY MAJOR Effective 2008-2009 Bulletin

The 60 credits of course work in Geography must include a minimum of 16 credits at the 400-level.

<b>Physical Geography - 12 credits</b>	<b>Regional Geography - 12 credits</b>
<p><b>Geog 210* <i>Physical Geography (4)</i></b>                      Geog 310U <i>Climate and Water Resources (4)</i>                      Geog 311U <i>Climatology (4)</i>                      Geog 312U <i>Climate Variability (4)</i>                      Geog 313U <i>Biogeography (4)</i>                      Geog 314U <i>Severe Weather (4)</i>                      Geog 320 <i>Geomorphic Processes (4)</i>                      Geog 322U <i>Alpine Environments (4)</i>                      Geog 333 <i>Weather (4)</i>                      Geog 340U <i>Global Water Issues and Sustainability (4)</i>                      Geog 407 <i>Seminar in Physical Geography (4)</i>                      Geog 413 <i>Biogeography of the Pacific Northwest (4)</i>                      Geog 414 <i>Hydrology (4)</i>                      Geog 415 <i>Soils and Land Use (4)</i>                      Geog 418 <i>Advanced Topics in Biogeography (4)</i></p>	<p><b>Geog 230* <i>Environment and Society: Global Perspectives (4)</i></b>                      Geog 321 <i>Mt. Hood</i>                      Geog 350 <i>Geography of World Affairs (4)</i>                      Geog 351U <i>Pacific Northwest (4)</i>                      Geog 352U <i>Himalaya and Tibet (4)</i>                      Geog 353U <i>Pacific Rim (4)</i>                      Geog 354U <i>Europe (4)</i>                      Geog 355U <i>Landscapes of Spain (4)</i>                      Geog 356U <i>Russia and Its Neighbors (4)</i>                      Geog 360U <i>Latin America (4)</i>                      Geog 363U <i>Africa (4)</i>                      Geog 364U <i>The Middle East (4)</i>                      Geog 366U <i>Historical Geography of North America (4)</i>                      Geog 368U <i>United States and Canada (4)</i>                      Geog 407 <i>Seminar in Regional Geography (4)</i>                      Geog 450 <i>Geography of Portland (4)</i>                      Geog 453U <i>Japan (4)</i></p>
<b>Human Geography - 12 credits</b>	<b>Geographic Techniques - 12 credits</b>
<p><b>Geog 230* <i>Environment and Society: Global Perspectives (4)</i></b>                      Geog 240 <i>Geography of Wine (4)</i>                      Geog 331 <i>Geography of Globalization (4)</i>                      Geog 332U <i>Urban Geography (4)</i>                      Geog 340U <i>Global Water Issues and Sustainability (4)</i>                      Geog 345U <i>Resource Management (4)</i>                      Geog 346U <i>World Population and Food Supply (4)</i>                      Geog 347U <i>Environmental Issues and Actions (4)</i>                      Geog 348U <i>Cultural and Political Ecology (4)</i>                      Geog 349U <i>Mountain Geography (4)</i>                      Geog 407 <i>Seminar in Human Geography (4)</i>                      Geog 430 <i>Cultural Geography</i>                      Geog 432 <i>Urban Landscapes (4)</i>                      Geog 442 <i>Sustainable Cities (4)</i>                      Geog 445 <i>Resource Management Topics (4)</i>                      Geog 446 <i>Water Resource Management (4)</i>                      Geog 447 <i>Urban Streams (4)</i>                      Geog 448 <i>The Urban Forest (4)</i>                      Geog 462U <i>Sense of Place (4)</i></p>	<p><b>Geog 380* <i>Maps and Geographic Information (5)</i></b>                      Geog 407 <i>Seminar in Research Skills (4)</i>                      Geog 420 <i>Field Methods in Physical (4)</i>                      Geog 425 <i>Field Methods in Human Geography (4)</i>                      Geog 475 <i>Digital Compilation and Database Design (4)</i>                      Geog 480 <i>Visual Image Analysis (4)</i>                      Geog 481 <i>Satellite Image Processing (4)</i>                      Geog 482 <i>Satellite Image Classification and Change Detection (4)</i>                      Geog 485 <i>Map Design and Production (4)</i>                      Geog 488 <i>GIS I: Introduction (4)</i>                      Geog 489 <i>Building A GIS Database with GPS (4)</i>                      Geog 490 <i>GIS Programming (4)</i>                      Geog 492 <i>GIS II: Advanced GIS (4)</i>                      Geog 493 <i>Digital Terrain Analysis (4)</i>                      Geog 494 <i>GIS for Water Resources (4)</i>                      Geog 495 <i>Maps and Models (4)</i>                      Geog 496 <i>Visualization of Spatial Data (4)</i>                      Geog 497 <i>Spatial Quantitative Analysis (4)</i></p>

\*Geog 210, 230 and 380 are required. Geog 230 may be taken for human or regional geography, but not both.

Courses used to satisfy the departmental major requirements must be graded A,B, or C (with no grade below C-).

Courses with 'U' designation are approved junior-senior cluster classes for University Studies.

Students using the Fall 2002 or later catalog may not use courses in their major to fulfill junior-senior cluster.

Geog 497, or Stat 243 and Stat 244, or equivalent required for the B.S. degree.