GEOGRAPHY & GEOGRAPHIC INFORMATION SCIENCE: PHYSICAL GEOGRAPHY, BSLAS

for the degree of Bachelor of Science in Liberal Arts & Sciences: Major in Geography & Geographic Information Science, Physical Geography Concentration

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<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
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<tr>
<td>Total Core Hours</td>
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<td>10-16</td>
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Select one of the following three (3) courses:
- GEOG 100 Introduction to Meteorology 3-4
- GEOG 103 Earth's Physical Systems 3-4
- GEOG 222 Big Rivers of the World 1-4

Select one of the following six (6) courses:
- GEOG 101 Global Development & Environment 3-4
- GEOG 104 Social and Cultural Geography 3-4
- GEOG 105 The Digital Earth 3-4
- GEOG 106 Geographies of Globalization 3-4
- GEOG 210 Social & Environmental Issues 3-4
- GEOG 221 Geographies of Global Conflict 3-4

Select one of the following two (2) courses:
- GEOG 371 Spatial Analysis 4-8
- GEOG 379 Intro to GIS Systems 4-8

Minimum required major and supporting course work: a minimum of 40 upper-division hours. Twelve (12) hours of 300- and 400-level courses in the major must be taken on this campus.

General education: Students must complete the Campus General Education requirements including the campus general education language requirement.

A Major Plan of Study Form must be completed and submitted to the LAS Student Affairs Office by the beginning of the fifth semester (60-75 hours).

Physical Geography Concentration Requirements:

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<tr>
<td>Total Concentration required hours</td>
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200- to 400-level Geography and Geographic Information Science courses (of which at least 6 hours must be at the 300 or 400 level) selected from the following:
- GEOG 210 Social & Environmental Issues 3-4
- GEOG 222 Big Rivers of the World 3-4
- GEOG/ NRES 287 Environment and Society 3-4
- GEOG 370/ Water Planet, Water Crisis 3-4
- ESE 320 3-4
- GEOG 371 Spatial Analysis 3-4
- GEOG 381 3-4
- GEOG 390 Individual Study 3-4
- GEOG 391 Honors Individual Study 3-4
- GEOG/ Watershed Hydrology 3-4
- GEOG 405 Geography Field Course 3-4
- GEOG 406 Fluvial Geomorphology 3-4
- GEOG 408 Humans and River Systems 3-4
- GEOG 412 Geospatial Tech & Society 3-4
- GEOG/ Earth Systems Modeling 3-4
- ATMS 421 3-4
- GEOG 436/ Biogeography 3-4
- IB 439 3-4
- GEOG 460 Aerial Photo Analysis 3-4
- GEOG 468 Biological Modeling 3-4
- GEOG 471 Recent Trends in Geog Thought 3-4
- GEOG 473 Digital Cartography & Map Design 3-4
- GEOG 476 Applied GIS to Environ Studies 3-4
- GEOG 477 Introduction to Remote Sensing 3-4
- GEOG 478 Techniques of Remote Sensing 3-4
- MATH 220 Calculus 4-5
  or MATH 221 Calculus I 4-5
- PHYS 101 College Physics: Mech & Heat 4-5
  or PHYS 21 University Physics: Mechanics 4-5

Select one of the following:
- CHEM 102 General Chemistry I 4-5
  & CHEM 103 General Chemistry Lab I 4-5
- CHEM 104 General Chemistry II 4-5
  & CHEM 105 General Chemistry Lab II 4-5

Total Hours required for graduation 120

Information listed in this catalog is current as of 04/2019