

Degree Program Structure
120 total units / Minimum 42 UD units (UD = 300-499)

B.S. GEOGRAPHY (GEOG) 36 UNITS	MINOR MINIMUM 18 UNITS (9+ UD)	ADDITIONAL ELECTIVES 0+
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GENERAL EDUCATION PROGRAM (APPROXIMATELY 47 UNITS)			
Foundations	Tier 1	Tier 2	Diversity Course
<input type="checkbox"/> Composition English 101 / 107 <input type="checkbox"/> English 102 / 108 <input type="checkbox"/> or English 109H <input type="checkbox"/> <input type="checkbox"/> Mathematics[^] ^Substitutions NOT Accepted (MATH 107 or higher math) _____ <input type="checkbox"/> Second Language* (2 nd Semester proficiency req.) _____ <input type="checkbox"/> _____ <input type="checkbox"/> *Grade of C or higher is required.	Individuals & Societies (150) Take 2 courses (any letter A, B, C) <input type="checkbox"/> 150: _____ <input type="checkbox"/> 150: _____ Traditions & Cultures (160) Take 2 courses (any letter A, B, C, D) <input type="checkbox"/> 160: _____ <input type="checkbox"/> 160: _____ Natural Sciences (170) Take 2 courses (any letter A, B, C) <input type="checkbox"/> 170: _____ <input type="checkbox"/> 170: _____	<input type="checkbox"/> Arts: (3 Units) _____ <input checked="" type="checkbox"/> Individuals & Societies: <u>Fulfilled by Major</u> <input type="checkbox"/> Humanities: (1 Course) _____ <input type="checkbox"/> Natural Science: (1 Course) _____	<input type="checkbox"/> Gender, Race, Class, Ethnicity or Non-Western Studies: (1 Course) _____ (All 160A Traditions and Cultures Courses & some Tier 2 Courses also fulfill this requirement.) <div style="background-color: #cccccc; padding: 10px; text-align: center;"> Audrey de la Rosa Academic Advisor School of Geography & Development Website: https://geography.arizona.edu/ Email: adlr@email.arizona.edu </div>

* Check Approved Course Listings

Bachelor of Science in Geography Major Requirements, 2020 to present

<p>Foundation Courses (4 courses):</p> <ul style="list-style-type: none"> <input type="checkbox"/> GEOG 220 Our Diverse Biosphere <input type="checkbox"/> GEOG 222 Working with Numeric, Spatial, and Visual Data <input type="checkbox"/> GEOG 230 Our Changing Climate <input type="checkbox"/> GEOG/GIST/RNR 417 Geographic Information Systems <p>Introductory human geography course (1 course):</p> <ul style="list-style-type: none"> <input type="checkbox"/> GEOG 210 Political and Cultural Geography of Globalization <input type="checkbox"/> GEOG/LAS/MENA 251 World Regional Geography <input type="checkbox"/> PLG/GEOG 256 Sustainable Cities 	<p>Methods courses (2 courses):</p> <ul style="list-style-type: none"> <input type="checkbox"/> GEOG/ENVS/GEN/GEOS/GIST/WSM 330 Introduction to Remote Sensing <input type="checkbox"/> GEOG 357 Geographical Research Methods <input type="checkbox"/> GEOG/RNR 416A Computer Cartography <input type="checkbox"/> GEOG/GIST/PLG 457 Statistical Techniques in Geography
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Choose ONE concentration: Physical Geography; Geographic Information Science; or Water, Environment, and Society

Physical Geography	Geographic Information Science	Water, Environment, & Society
<p>Concentration Method (1 course):</p> <ul style="list-style-type: none"> <input type="checkbox"/> GEOG 303 Field Methods <p>Physical Geography (4 courses): <u>Cannot</u> duplicate the course taken for introductory physical geography course.</p> <ul style="list-style-type: none"> <input type="checkbox"/> GEOG 240 Our Dynamic Landscape <input type="checkbox"/> GEOG 338 Biogeography <input type="checkbox"/> ECOL 406R Conservation Biology <input type="checkbox"/> GEOG 430 The Climate System <input type="checkbox"/> GEOG 435 Plants Under Stress <input type="checkbox"/> GEOS/GEOG/ANTH/WSM 439A Dendochronology <input type="checkbox"/> GEOG/GEOS 447 Global and Regional Climatology <input type="checkbox"/> GEOS 450 Geomorphology <input type="checkbox"/> RNR 455 Introduction to Wildland Fire (Pre-requisite: MCB 181R, ECOL182R) <input type="checkbox"/> GEOS 478 Global Change <input type="checkbox"/> GEOG/ENVS/GEOS/GIST//PLG/RNR 483 Geographical Applications of Remote Sensing 	<p>Concentration Method (1 course):</p> <ul style="list-style-type: none"> <input type="checkbox"/> GEOG 330 Introduction to Remote Sensing <i>(Cannot double dip with Methods requirement)</i> <p>Advanced Methods (4 courses): P = prerequisite</p> <ul style="list-style-type: none"> <input type="checkbox"/> GEOG/RNR 416C Urban Geographic Info. Systems(P 417) <input type="checkbox"/> GEOG/RNR 416D Participatory Approaches in GIS (P 417) <input type="checkbox"/> GEOG/GIST/RNR 416E Geovisualization (GIS) (P 416A, 417) <input type="checkbox"/> GEOG/RNR 416F GIS for Social Sciences <input type="checkbox"/> GEOG/RNR 419 Cartographic Modeling (P 417) <input type="checkbox"/> GEOG/GIST/RNR 420 Advanced Geographic Info. Systems (P 417) <input type="checkbox"/> RNR/GEOG 422 Resource Mapping <input type="checkbox"/> RNR 355 Intro Geospatial Concepts <input type="checkbox"/> GEOG 458 Geography of Transportation <input type="checkbox"/> RNR/GEOG 473 Spatial Analysis & Modeling (P 417 and Statistics) <input type="checkbox"/> GEOG/GIST/ENVS/PLG/RNR 483 Geographical Applications of Remote Sensing (P 330) <input type="checkbox"/> ATMO/GEOG/GEN/GEOS/HWSR/OPTI/REM/RNR 490 Remote Sensing for the Study of Planet Earth (P 330, 417) <p>P – Prerequisite</p>	<p>Concentration Method (1 course):</p> <ul style="list-style-type: none"> <input type="checkbox"/> GEOG 303 Field Methods <p>Water, Land, & Society Courses (4 courses):</p> <ul style="list-style-type: none"> <input type="checkbox"/> GEOG/EVS 304 Water, Environment & Society <input type="checkbox"/> GEOG/EVS 362 Environment and Development <input type="checkbox"/> GEOG/SOC 367 Population Geography <input type="checkbox"/> GEOG/PLG 379 Urban Growth and Development <input type="checkbox"/> GEOG/EVS 404 Politics of Nature <input type="checkbox"/> GEOG 430 The Climate System <input type="checkbox"/> GEOG 435 Plants Under Stress <input type="checkbox"/> GEOG/EVS/HWRS/LAS/PLG 461 Environmental & Resource Geography <input type="checkbox"/> GEOG/EVS 468 Water and Sustainability <input type="checkbox"/> PLG/RNR 472 Environmental Land Use Planning <input type="checkbox"/> PLG/GEOG 476 The Land Development Process <input type="checkbox"/> GEOS 478 Global Change <input type="checkbox"/> GEOG/ANTH/POL 488 Governing Science & Tech.

36 units required. A minimum of 21 units must be upper division. Minimum 2.00 GPA required.

Double dipping, or double use of courses, with a minor is not permitted. Students may double dip up to 6 units with a second major.