

Geography Major—Quantitative/Technique Track Fall 2014

_____ **16 units core**

_____	100 Introduction to Geography	1 unit
_____	210 Physical Geography	5 units
_____	230 Human Geography	3 units
_____	270 GIS I: Introduction to GIS and Mapping	3 units
_____	400 Capstone in Geography AND	1 units
_____	4XX One course from list below:	3 units
	420 Human and Climate Interactions	
	423 Rivers and Floods	
	440 Applied Business GIS Applications	
	444-Urban Land Use Planning	
	452 Cultural Ecology & Sustainable Development	
	455 Advanced Topics in Human Geography	
	460 GIS In Water Resources	
	470 Applied Environmental & Natural Resources GIS	
	477 Advanced GIS	
	485 Internship in Geography	
	491 Travel Study – Geography or Geology	
	492 Field Course – Geography or Geology	
	499 Geography Thesis	

_____ **9 units from techniques core**

_____	290 Spatial Analysis	3 units
_____	370 GIS II: Spatial Data and Analysis	3 units
_____	380 Cartography and Geovisualization	3 units
_____	377 Remote Sensing of the Environment	3 units

_____ **6 units from advanced techniques courses**

_____	440 Applied GIS: Applications for Business and Industry	3 units
_____	460 Applied GIS In Physical Geography	3 units
_____	470 Applied Environmental & Natural Resource GIS	3 units
_____	477 Advanced GIS	3 units
_____	485 Internship	3 units

_____ **3 units from any 300 or 400 level Geography course**

_____ units

34 _____ **Minimum units in Geography**

_____ **3 units in English**

_____	370 Advanced Composition	3 units
_____	372 Technical and Scientific Writing	3 units

AN APPROVED MINOR IS REQUIRED FOR THIS MAJOR