

# GIS MINOR REQUIREMENTS

Code	Title	Units
<b>Minor Requirements - 22 units</b>		
<b>Section 1: Core Classes - 7 credits</b>		<b>7</b>
GEOGRPY 270	GIS I: MAPPING OUR WORLD	
GEOGRPY 370	GIS II: APPLICATIONS AND DATA	
<b>Section 2: Techniques Requirement - 6 credits - choose two</b>		<b>6</b>
GEOGRPY 340	ECONOMIC GEOGRAPHY	
GEOGRPY 377	REMOTE SENSING OF THE ENVIRONMENT	
GEOGRPY 380	CARTOGRAPHY AND GEOVISUALIZATION	
GEOGRPY 390	SPATIAL SOLUTIONS: GEOGRAPHIC DATA ANALYSIS	
<b>Section 3: Advanced GIS Requirement - 3-6 credits - choose one or two</b>		<b>3-6</b>
GEOGRPY 440	APPLIED GIS FOR SOCIAL AND BUSINESS RESEARCH	
GEOGRPY 460	GIS IN WATER RESOURCES	
GEOGRPY 470	APPLIED ENVIRONMENTAL AND NATURAL RESOURCE GIS	
GEOGRPY 477	ADVANCED GEOGRAPHIC INFORMATION SYSTEMS (GIS)	
<b>Section 4: Systematic Courses - 3-6 credits - choose one or two</b>		<b>3-6</b>
Urban-Economic		
GEOGRPY 332	POLITICAL GEOGRAPHY	
GEOGRPY 334	HISTORICAL GEOGRAPHY	
GEOGRPY 335	GEOGRAPHY OF POPULATION AND MIGRATION	
GEOGRPY 344	URBAN GEOGRAPHY	
GEOGRPY 444	CITIES AND SUSTAINABILITY	
Physical-Environmental Courses		
GEOGRPY 300	SOIL SCIENCE	
GEOLGY 301	ENVIRONMENTAL GEOLOGY	
GEOGRPY 320	WEATHER ANALYSIS	
GEOGRPY 323	WATER RESOURCES	
GEOGRPY 330	BIOGEOGRAPHY	
GEOGRPY 352	GEOHAZARDS	
GEOGRPY 420	CLIMATE CHANGE: THE SCIENCE AND IMPACTS	