

Geography, B.S. - Geospatial Analysis Subplan/Option: 120 units
2019-2020 Academic Year

	Fall		Units	Spring		Units	Comments
	Courses	Requirements/Comments		Courses	Requirements/Comments		
Year 1	GEO 1020 Human Geography (D3)		3	GEO 1010 Physical Geography (B1)		3	
	GE Area A2: Written Communication (Success Marker)		3	GEO 1010L Physical Geography Lab (B3)		1	
	GE Area B4: Mathematics/Quantitative Reasoning (Success Marker)		3	GE Area A3: Critical Thinking		3	
	GE Area E: Lifelong Learning and Self-Development		3	GE Area D1: U.S. History American Ideals		3	
	Unrestricted Elective		3	GE Area A1: Oral Communication		3	
			0	Unrestricted Elective		2	
		Total Units		15	Total Units		15

Year 2	Fall		Units	Spring		Units	Comments
	Courses	Requirements/Comments		Courses	Requirements/Comments		
	GE Area C2: Literature, Modern Languages, Philosophy and Civilization		3	GEO 2400 Geographic Information Systems	Coreq: GEO 2400L.	2	
GE Area C1: Visual and Performing Arts		3	GEO 2400L Geographic Information Systems Laboratory	Coreq: GEO 2400.	1		
GE Area B2: Life Sciences		3	GE Area C1 or GE Area C2	Select either C1: Visual and Performing Arts or C2: Literature, Modern Languages, Philosophy and Civilization course	3		
Unrestricted Elective		3	GE Area D2: U.S. Constitution and California Government		3		
Unrestricted Elective		3	Unrestricted Elective		3		
		0	Unrestricted Elective		3		
Semester Total Units		15	Semester Total Units		15		

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	Courses	Requirements/Comments		Courses	Requirements/Comments				
Year 3	GEO 3220 GIS Programing and Application	GEO 2400 and GEO 2400L; or instructor consent.	2	GEO 3090 Introduction to Field Geography	Prereq: GEO 1010 or Instructor consent. Coreq: GEO 3090L.	2	<i>Graduation Writing Test must be taken before completion of 75 units.</i>		
	GEO 3220L GIS Programing and Application Laboratory	Prereq: GEO 2400 and GEO 2400L; or instructor consent. Coreq: GEO 3220.	1	GEO 3090L Introduction to Field Geography Laboratory	Prereq: GEO 1010 or Instructor consent. Coreq: GEO 3090.	1			
	GEO 4100 Remote Sensing of the Environment	Prereq: GEO 2400 and GEO 2400L or Instructor consent. Coreq: GEO 4100L.	2	GEO 4400 Advanced GIS	Prereq: GEO 2400 and GEO 2400L or Instructor consent. Coreq: GEO 4400L.	2			
	GEO 4100L Remote Sensing of the Environment Laboratory	Prereq: GEO 2400 and GEO 2400L. Coreq: GEO 4100.	1	GEO 4400L Advanced GIS Laboratory	Prereq: GEO 2400 and GEO 2400L. Coreq: GEO 4400.	1			
	Major Core	GEO 35XX Regional Geography	3	GE Area C3: Arts and Humanities Synthesis		3			
	Unrestricted Elective		3	GE Area D4: Social Science Synthesis		3			
	Unrestricted Elective		3	Unrestricted Elective		3			
	<i>Take the Graduation Writing Test</i>								
	Semester Total Units		15	Semester Total Units		15			

	Fall		Units	Spring		Units	Comments
	Courses	Requirements/Comments		Courses	Requirements/Comments		
Year 4	GEO 4610 Senior Project/Capstone 1	Prereq: Geography major and Senior standing.	3	GEO 4050 Geodemographics with GIS Lecture	Prereq: GEO 2400 and GEO 2400L or Instructor consent. Coreq: GEO 4050L.	2	
	GEO 4430 Quantitative Spatial Analysis	Prereq: GEO 2400 and GEO 2400L or Instructor consent. Coreq: GEO 4430L.	2	GEO 4050L Geodemographics with GIS Laboratory	Prereq: GEO 2400 and GEO 2400L or Instructor consent. Coreq: GEO 4050.	1	
	GEO 4430L Quantitative Spatial Analysis Laboratory	Prereq: GEO 2400 and GEO 2400L or Instructor consent. Coreq: GEO 4430.	1	Option Elective	GEO 4XXX – Geography Course	3	
	GE Area B5: Science and Technology Synthesis		3	Unrestricted Elective		3	
	Unrestricted Elective		3	Unrestricted Elective		3	
	Unrestricted Elective		3	Unrestricted Elective		3	
	<i>File an application to graduate</i>						
Semester Total Units		15	Semester Total Units		15		
					Total Units	120	