

Geography, B.S. - Geospatial Analysis Subplan/Option: 120 units
2021-2022 Academic Year

	Fall		Units	Spring		Units	Comments
	Courses	Requirements/Comments		Courses	Requirements/Comments		
Year 1	GEO 1020 Human Geography [FSp]		3	GEO 1010 Physical Geography (B1) [FSp]		3	[] = Term Typically Offered F = Fall Sp = Spring Su = Summer e = even years o = odd years
	GE Area A2: Written Communication [FSp] (Success Marker)		3	GEO 1010L Physical Geography Lab (B3) [Sp]		1	
	GE Area B4: Mathematics/Quantitative Reasoning [FSp] (Success Marker)		3	GE Area A3: Critical Thinking [FSp]		3	
	GE Area E: Lifelong Learning and Self-Development [FSp]		3	GE Area D1: U.S. History American Ideals [FSp]		3	
	GE Area D2: U.S. Constitution and California Government [FSp]		3	GE Area A1: Oral Communication [FSP]		3	
			0	GE Area F: Ethnic Studies [FSp] (Success Marker)		3	
			0			0	
			0			0	
		Total Units	15		Total Units	16	

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Year 2	GE Area C2: Literature, Modern Languages, Philosophy and Civilization [FSp]		3	GEO 2400 Geographic Information Systems [FSp]	Coreq: GEO 2400L.	2	
	GE Area C1: Visual and Performing Arts [FSp]		3	GEO 2400L Geographic Information Systems Laboratory [FSp]	Coreq: GEO 2400.	1	
	GE Area B2: Life Sciences [FSp]		3	GE Area C1 or GE Area C2 [FSp]	Select either C1: Visual and Performing Arts or C2: Literature, Modern Languages, Philosophy and Civilization course	3	
	Unrestricted Elective		3	Unrestricted Electives		2	
	Unrestricted Elective		3	Unrestricted Elective		3	
			0	Unrestricted Elective		3	
			0			0	
			0			0	
		Semester Total Units	15		Semester Total Units	14	

	Fall		Units	Spring		Units	Comments
	Courses	Requirements/Comments		Courses	Requirements/Comments		
Year 3	GEO 3220 GIS Programming and Application [F]	GEO 2400 and GEO 2400L; or instructor consent.	2	GEO 3090 Introduction to Field Geography [Sp]	Prereq: GEO 1010 or Instructor consent. Coreq: GEO 3090L.	2	
	GEO 3220L GIS Programming and Application Laboratory [F]	Prereq: GEO 2400 and GEO 2400L; or instructor consent. Coreq: GEO 3220.	1	GEO 3090L Introduction to Field Geography Laboratory [Sp]	Prereq: GEO 1010 or Instructor consent. Coreq: GEO 3090.	1	
	GEO 4100 Remote Sensing of the Environment [F]	Prereq: GEO 2400 and GEO 2400L or Instructor consent. Coreq: GEO 4100L.	2	GEO 4400 Advanced GIS [Sp]	Prereq: GEO 2400 and GEO 2400L or Instructor consent. Coreq: GEO 4400L.	2	
	GEO 4100L Remote Sensing of the Environment Laboratory [F]	Prereq: GEO 2400 and GEO 2400L. Coreq: GEO 4100.	1	GEO 4400L Advanced GIS Laboratory [Sp]	Prereq: GEO 2400 and GEO 2400L. Coreq: GEO 4400.	1	
	Major Required	GEO 35XX Regional Geography	3	GE Area C3: Arts and Humanities Synthesis [FSp]		3	
	Unrestricted Elective		3	GE Area D4: Social Science Synthesis [FSp]		3	
	Unrestricted Elective		3	Unrestricted Elective		3	
			0			0	
	Semester Total Units		15	Semester Total Units		15	

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	Courses	Requirements/Comments		Courses	Requirements/Comments		
Year 4	GEO 4610 Senior Project/Capstone 1 [F]	Prereq: Geography major and Senior standing.	3	GEO 4050 Geodemographics with GIS Lecture [Sp]	Prereq: GEO 2400 and GEO 2400L or Instructor consent. Coreq: GEO 4050L.	2	
	GEO 4430 Quantitative Spatial Analysis [F]	Prereq: GEO 2400 and GEO 2400L or Instructor consent. Coreq: GEO 4430L.	2	GEO 4050L Geodemographics with GIS Laboratory [Sp]	Prereq: GEO 2400 and GEO 2400L or Instructor consent. Coreq: GEO 4050.	1	
	GEO 4430L Quantitative Spatial Analysis Laboratory [F]	Prereq: GEO 2400 and GEO 2400L or Instructor consent. Coreq: GEO 4430.	1	Option Electives [FSp]	GEO 4XXX – Geography Course	3	
	GE Area B5: Science and Technology Synthesis [FSp]		3	Unrestricted Elective	Recommended GEO4620 Senior Project/Capstone 2 [Sp]	3	
	Unrestricted Elective		3	Unrestricted Elective		3	
	Unrestricted Elective		3	Unrestricted Elective		3	
			0			0	
			0			0	
	<i>File an application to graduate</i>						
	Semester Total Units		15	Semester Total Units		15	
					Total Units	120	