

GEOGRAPHY: Geographic Information Science Minor (21 Units)

The Minor in GISci is available to any CSULB student, *except for Geography majors.*

Name: _____ Advising Date: _____

ID#: _____

Major: _____ Date Degree Expected: _____

CSULB Units	Taken	GISci MINOR REQUIREMENTS	Transfer/ Substitute
Step 1: CORE COURSES (9 units): Take EACH of the following.			
3		GEOG 200 or equivalent (another introductory statistics course may be substituted with advisor consent)	
3		GEOG 280 Introduction to Geospatial Techniques	
3		GEOG 380 Introduction to Digital Cartography & Analysis	
Step 2: UPPER DIVISION COURSES: Take at least 12 units of 400-level GISci courses from the following list:			
3		GEOG 471 GIS for Justice *	
4		GEOG 473 Introduction to Earth Observation	
4		GEOG 475 Geographical Applications in Remote Sensing	
4		GEOG 481 GIS for Natural Sciences*	
4		GEOG 482 Advanced Digital Cartography & GIS	
4		GEOG 484 Enterprise GIS Development	
4		GEOG 485 Principles of Geographic Information Science	
4		GEOG 487A Environmental GIS	
4		GEOG 487B Urban GIS	
4		GEOG 488 Geographic Information Science Programming	

**May be used as a substitution for Geog280 with advisor approval; if so used it will not also count for the upper division requirements.*

Advising Notes:

For more information please contact:

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