

Certificate in Geographic Information Science (GEOCT01)

23-24 units

Student Name / ID:					
Units	Semester	Certificate Requirements	Fall*	Sp*	Transfr/sub
		Prerequisite Courses (9 units)			
		<i>Take each of the following courses or equivalent</i>			
3		GEOG 200 Intro Research Methods for Geog (or equivalent)	x	x	
3		GEOG 280 Intro Geospatial Techniques (or Geog 471 or 481)	x	x	
3		GEOG 380 Intro to Digital Cartography & Analysis	x	x	
		Core Courses (3 courses, 12 Units)			
		<i>Take each of the following courses</i>			
4		GEOG 400 Multivariate Geographical Analysis	x		
4		GEOG 473 Remote Sensing	x	x	
4		GEOG 485/585 Principles of GIS	x	x	
		Specialization Options (3 courses; 11-12 units)			
		<i>Remote Sensing</i>			
4		GEOG 475 Geog Applications in Remote Sensing	x		
		<i>Cartographic Design</i>			
4		GEOG 482 Advanced Digital Cartography & GIS	x		
		<i>Advanced Geographic Information Systems</i>			
4		GEOG 484 Enterprise GIS Development		x	
4		GEOG 487A/587A Apps of GIS: Environment & Nat Resources		x	
4		GEOG 487B/587B Apps of GIS: Urban & Economic	x		
4		GEOG 488/588 Geographic Information Science Programming		x	
		One of the following courses may be substituted with Advisor consent			
3		GEOG 446 Land Use planning	x	x	
3		GEOG 492 Internship	x	x	
3		GEOG 494 Special Topics			
3		GEOG 497 / 697 Directed Studies			
3		GEOG 680 Seminar in Geospatial Techniques		x	
		TOTAL units (minimum 23 units at 400-level)			
Approved By:			Date		

Dr. Lily House-Peters, GIS Certificate Advisor (Lily.HousePeters@csulb.edu) PH1-224

Comments: