

The 3-Step Plan to a BS Degree in GEOGRAPHY (46-53 Units)

Name: _____ ID#: _____ Advising Date: _____

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REMEMBER: A grade of “C” or better must be achieved in all upper division Geography courses.

CSULB Units	Taken	GEOGRAPHY MAJOR REQUIREMENTS	Plan to take	Transfer/ Substitute	Advising Comments
Step 1: LOWER DIVISION COURSES (12-13 units, no prerequisites).					
Take ONE from EACH of the following:					
3		GEOG 100 World Regional OR GEOG 120 Race, Place & Culture			
3/4		GEOG 101 Global Environment OR GEOG 130 Geography of Weather and Climate OR GEOG 140 Intro Physical Geography			
3		GEOG 200 Intro Research Methods			
3		GEOG 280 Intro Geospatial Techniques			
Step 2: UPPER DIVISION CORE COURSES (16 units).					
3		GEOG 300 Methods			
3		GEOG 340 Environmental Geography			
3		GEOG 360 Human Geography			
3		GEOG 380 Introduction to Digital Cartography & Analysis			
GEOG Methods Capstone (choose <u>one</u> from list below, following declared pathways)					
Environmental Capstone					
4		GEOG 486: Field Methods (*Writing Intensive) (pre-reqs/co-reqs: GEOG 340 or ESP 200 recommended; Students must have scored 11 or above on GEAR Placement Examination)			
Urban Capstone					
4		GEOG 402 Qualitative Geographic Analysis (pre-reqs: GEOG 360 recommended)			
Geospatial Capstone (choose 1 from below)					
4		GEOG 487A Environmental GIS (pre-req/co-req: GEOG 485; or consent of the instructor)			
4		GEOG 487B Urban GIS (pre-reqs: GEOG 485 or GEOG 471; or consent of instructor)			
Step 3: SELECT YOUR PATHWAY					
Units	Taken	Specialization Pathway Courses	Planned	Tran/Sub	Advising Comments
ENVIRONMENTAL PATHWAY (6 courses, 20-22 units)					
3	take	GEOG 330 California Ecosystems (pre-reqs: GEOG 130 or GEOG 140 or ESP 101 or ESP 200; and GEOG 200 or BIOL 260; or consent of the instructor)			
	take	GEOG 473 Remote Sensing (pre-reqs: GEOG 280 or GEOG 371 or GEOG 481 recommended)			
	take	GEOG 481 GIS for Natural Sciences (pre-reqs: Junior/Senior/Graduate standing; and GEOG 140 or BIOL 153 or GEOL 102; or consent of instructor)			
AND Choose 2 from list below					
3		GEOG 440 Land & Water Resources (pre-reqs: GEOG/ESP 101 or GEOL 280 or GEOG 130 or GEOG 140 or GEOG 340 or ESP 200; or consent of the instructor)			
3		GEOG 442 Biogeography (pre-req/co-req: GEOG/ESP 330)			
4		GEOG 443 Watersheds: Processes & Management (pre-reqs: GEOG/ESP 101 or GEOG 130 or GEOG 140 or ESP 200 or GEOL 280; or consent of the instructor)			
3		GEOG 444 Climatology (pre-reqs: ESP 200 or GEOG 340 recommended)			
3		GEOG 447 Landscape Restoration (pre-req/co-req: GEOG/ESP 330)			
3		GEOG 448 Environmental Assessment (pre-reqs: ESP 200 or GEOG 340 recommended)			

3		GEOG 455 People as Agents of Environmental Change (pre-reqs: GEOG 340 recommended)		
3		GEOG 458 Hazards & Risk Management (pre-reqs: ESP 200 or GEOG 340 recommended)		
		AND Choose 1 from list below		
		<i>Course not taken from Environmental Upper Division Core</i>		
4		GEOG 400 Multivariate Geographic Analysis (pre-reqs: GEOG 200 or STAT 108 or PSY 110 or BIOL 260 or HDEV 190 or SOC 170; or consent of instructor)		
4		GEOG 475 Geographic Applications in Remote Sensing (pre-req/co-req: GEOG 473 recommended)		
4		GEOG 485 Principles of GIS (pre-reqs: GEOG 280 or GEOG 371 or GEOG 481; or consent of the instructor)		
4		GEOG 487A Environmental GIS (pre-req/co-req: GEOG 485; or consent of the instructor)		
3		GEOG 492 Applied Internship* (pre-reqs: N/A)		
URBAN SPECIALIZATON PATHWAY (6 courses, 18-20 units)				
3	take	GEOG 446 Land Use Planning (pre-reqs: N/A)		
3	take	GEOG 467 Urban Geography: Metropolitan Problems & Solutions (pre-req/co-req: GEOG 360 or GEOG 301 recommended)		
3	take	GEOG 469 Cities and Social Justice (pre-reqs: GEOG 301 or GEOG 360 recommended)		
3	take	GEOG 471 GIS for Justice (pre-reqs: upper division standing)		
		AND Choose 2 from list below		
3		GEOG 464 Urban Geography: Sustainable Cities (pre-req/co-req: GEOG 360 or GEOG 301 or ESP 200 or GEOG 467 recommended)		
3		GEOG 465 Social Geography (pre-reqs: GEOG 360 recommended)		
4		GEOG 482 Advanced Digital Cartography and GIS (pre-reqs: GEOG 200 or equivalent, and GEOG 380; or consent of instructor)		
4		GEOG 487B Urban GIS (pre-reqs: GEOG 485 or GEOG 471; or consent of instructor)		
4		GEOG 488 Geographic Information Science Programming (pre-req/co-req: GEOG 485; or consent of instructor)		
3		GEOG 492 Applied Internship* (pre-reqs: N/A)		
GEOSPATIAL SPECIALIZAION PATHWAY (6 courses, 23-24 units)				
4	take	GEOG 400 Multivariate Geographic Analysis (pre-reqs: GEOG 200 or STAT 108 or PSY 110 or BIOL 260 or HDEV 190 or SOC 170; or consent of instructor)		
4	take	GEOG 473 Remote Sensing (pre-reqs: GEOG 280 or GEOG 371 or GEOG 481 recommended)		
4	take	GEOG 485 Principles of GIS (pre-reqs: GEOG 280 or GEOG 371 or GEOG 481; or consent of the instructor)		
		AND Choose 3 from list below		
4		GEOG 475 Geog Applications in Remote Sensing (pre-req/co-req: GEOG 473 recommended)		
4		GEOG 482 Advanced Digital Cartography & GIS (pre-reqs: GEOG 200 or equivalent, and GEOG 380; or consent of instructor)		
4		GEOG 484 Enterprise GIS Development (pre-reqs: GEOG 280 or GEOG 371 or GEOG 471 or GEOG 481; or consent of instructor)		
4		GEOG 487A Environmental GIS (if not taken as part of upper division core) (pre-req/co-req: GEOG 485; or consent of the instructor)		
4		GEOG 487B Urban GIS (if not taken as part of upper division core) (pre-reqs: GEOG 485 or GEOG 471; or consent of instructor)		
4		GEOG 488 Geographic Information Science Programming (pre-req/co-req: GEOG 485; or consent of instructor)		
3		GEOG 492 Applied Internship* (pre-reqs: N/A)		

* Internships for GEOG 492 (Applied Internship) should be appropriately focused for the pathway.