

**GEOGRAPHY ADT TO CSU EAST BAY GEOGRAPHY B.S. – SPATIAL TECHNIQUES CONCENTRATION**

ADT GEOGRAPHY B.A. – 60 Sem. Units	Sem. Units	Community College Courses
<b>CSUGE or IGETC</b>	<b>39</b>	<i>CSU general education certification requires completion of all requirements in Areas A through E, approximately 39 units</i>
<b>AREA D REQUIREMENT:</b> <a href="#">US History, Constitution &amp; American Ideals Code Requirement</a>	3-9	<b>US-1:</b> <b>US-2:</b> <b>US-3:</b>
<a href="#">Diversity/Social Justice/Sustainability</a> <i>Can be fulfilled in area C or D</i>	3-9	<b>DIV:</b> <b>SJ:</b> <b>SUS:</b>
<b>Second Composition (Comp II) Can be fulfilled with A3</b> Any Composition course with ENGL 100 as a prerequisite	3	
<i>The following areas are for the CID TMC/Courses and matching Community College Courses</i>		
<b>Major Core (C-ID)</b>	<b>6</b>	<b>Community College Courses</b>
GEOG 110 - Introduction to Physical Geography (3)	<b>3</b>	
GEOG 120 - Introduction to Human Geography (3)	<b>3</b>	
<b>LIST A</b>	<b>6-7</b>	
GEOG 155 - Introduction to Geographic Information Systems and Techniques with Lab (2)	<b>2</b>	
Choose 1-2 of the following courses:		
GEOG 111 - Physical Geography, Laboratory		
GEOG 140 - California Geography (3)		
GEOG 150 - Map Interpretation and Analysis (2)		
GEOG 130 - Introduction to Weather and Climate (3)		
GEOG 160 - Regional Field Studies (1)		
<b>LIST B</b>	<b>6</b>	
GEOG 125 - World Regional Geography (3)	<b>3</b>	
ANTH 120 - Introduction to Cultural Anthropology (3)	<b>3</b>	
<b>Total Units ADT *GEOGRAPHY*</b>	<b>60</b>	

**PLEASE NOTE: This page assumes Semester Units.**

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CSUEB: GEOGRAPHY B.S. <i>Complete Degree in 60 Semester Units</i>	Semester UNITS	NOTES
<b>GRADUATION REQUIREMENTS</b> <i>These should be fulfilled at the Community College, however if not taken at the Community College, they must be completed at CSU East Bay</i>		
<b>US History, Constitution &amp; American Ideals</b>	<b>0-9</b>	
1) First Category US-1	0-3	
2) Second Category US-2	0-3	
3) Third Category US-3	0-3	
<b>These courses must be taken at CSU East Bay</b>		
<b>Upper Division GE</b> <i>See catalog</i>	<b>9</b>	<b>CSUEB COURSES</b>
Please note: A minimum of three courses in the Upper Division General Education pattern must have a topic/learning outcome oriented toward one of the following topic areas (overlays): <b>Diversity, Social Justice, or Sustainability.</b>		
Area B6 Upper Division Science course	3	<b>Course: GEOG 340</b> <b>OVERLAY: Sustainability</b>
Area C4 Upper Division Humanities course	3	<b>Course:</b> <b>OVERLAY:</b>
Area D4 Upper Division Social Sciences course	3	<b>Course:</b> <b>OVERLAY:</b>
<b>Lower Division Core</b>	<b>3</b>	
GEOG 200 - Sustainable Resource Management Units: 3		G.E./G.R. Area: D1-3
<b>Upper Division Core</b>	<b>7</b>	
GEOG 310 - Literature and Research Methods Units: 4	4	
GEOG 340 - Climate Change Units: 3	UPPER DIV GE	G.E./G.R. Area: B6; Sustainability
GEOG 425 - Advanced GIS Units: 3	3	
<b>Capstone Requirement</b>	<b>3</b>	
GEOG 499 - Senior Seminar in Geography Units: 3	3	
<b>Concentrations: 12-13 units</b>		
<b>Spatial Techniques Concentration</b> <b>Choose four (4) of the following courses:</b>	12-13	
GEOG 320 - Environmental Resource Analysis Units: 4		
GEOG 360 - Computer Cartography Units: 3		
GEOG 380 - Applied Field Studies Units: 3		
GEOG 461 - Remote Sensing of the Environment Units: 3		
GEOG 462 - Air Photo Interpretation Units: 3		
<b>ADDITIONAL COURSE to reach 60 Units</b>	<b>25-26</b>	<i>These courses may be additional Major Courses or prerequisites not taken at the Community College</i>
<i>If needed</i>		
<b>Total Semester Units at CSUEB</b>	<b>60</b>	<b>60</b>

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<b>FIRST SEMESTER JUNIOR YEAR</b>			
<b>Register to take the University Writing Skills Requirement</b>			
UDGE C4	COURSE:	OVERLAY:	3
LD Major	GEOG 200	Sustainable Resource Management	3
UD Major	GEOG 310	Literature and Research Methods	4
UD Major	GEOG	Spatial Techniques Concentration 1 of 4	3
Elective			3
		<b>TOTAL:</b>	<b>16</b>
<b>SECOND SEMESTER JUNIOR YEAR</b>			
<b>TAKE THE UNIVERSITY WRITING SKILLS TEST</b>			
UDGE D4	COURSE:	OVERLAY:	3
UD Major	GEOG	Spatial Techniques Concentration 2 of 4	3-4
Elective			3
Elective			3
Elective			1-2
		<b>TOTAL:</b>	<b>14</b>
<b>THIRD SEMESTER SENIOR YEAR</b>			
<b>Verify that you have completed the University Writing Skills Requirement. Check your MyCSUEB "Degree Audit Report" (DAR) and email any discrepancies to The ADT ADVISER.</b>			
UD Major/B6/Sustainability Overlay	GEOG 340	Climate Change	3
UD Major	GEOG	Spatial Techniques Concentration 3 of 4	3
Elective			3
Elective			3
Elective			3
		<b>TOTAL:</b>	<b>15</b>
<b>FOURTH SEMESTER SENIOR YEAR</b>			
<b>See the ADT ADVISER and apply for graduation through MyCSUEB by the posted deadline, available at Important Dates</b>			
UD Major	GEOG 425	Advanced GIS	3
UD Major	GEOG 499	Senior Seminar in Geography	3
UD Major	GEOG	Spatial Techniques Concentration 4 of 4	3
Elective			3
Elective			3
		<b>TOTAL:</b>	<b>15</b>
<b>GRAND TOTAL:</b>			<b>60</b>