CSLO Schedule - Details

GEOG	Spring 2016	Fall 2016	Spring 2017	Fall 2017	Spring 2018	Fall 2018	Spring 2019	Fall 2019
1		X		X		X		X
1L	X							
2	X		X		X		X	
3	X		X		X		X	
4					N/A			
5		X		X		X		X
11	N/A							
12	N/A							
14	N/A							
15					X			
16			X					
85	done							
86	done							
91A			X					
91B			X					
93	X							
94				X				
95								

CSLO Schedule - Details

GEOG 1 = CSLO 4

Predict primary climatic controls of a place on earth based on several broad categories (e.g. latitude, ocean proximity, wind and ocean currents, etc.).

GEOG 1L = CSLO 2

Analyze Earth motions and Earth-Sun relations and seasonal variation

GEOG 2 = CSLO 5

Describe the major forms of subsistence and commercial agriculture, the geographic extent, their methods of food production, and human ecology with emphasis on environmental challenges.

GEOG 3 = CSLO 3

Locate California's climatic regions and analyze fundamental characteristics, such as temperature and rainfall, and their causes.

GEOG 4 = CSLO 2

Describe local weather phenomena including radiation, heat, temperature, pressure, and wind using data and qualitative means.

GEOG 5 = CSLO 1

Identify and describe all world regions as areas of geographic study using maps, and concepts of location.

GEOG 16 = CSLO 3

Write a field report on an interpretive walk that focuses on one or two aspects of the area, such as ecosystems, fluvial processes, climate influences or even current issues that affect natural landscapes.

GEOG 85 = 1

Research GIS case studies for any industry of choice, with focus on application to solve real-world problems.

GEOG 86 = 1, 2, & 3

List 5 core steps on how a GPS works.
Determine and identify critical setup items needed before field collection of GPS.
Develop data dictionary on scratch paper then computer software keeping in mind an iterative process.

GEOG 90 = 1, 2 & 5

Identify appropriate ways to map geographic features, whether using vector or raster methods. Example given: oceans depths with continuous changes best suited to raster methods versus political boundaries with abrupt edge best suited to vector methods.

CSLO Schedule - Details

Compare and contrast different geographic coordinate systems, map projections and datums used in GIS.

Develop metadata as part of data dictionary; explain attributes and value codes.

GEOG 91A = CSLO 1

Demonstrate ability to add data to ArcMap with layers lined up correctly and accurately with synchronized projections.

GEOG 91B = CSLO 1

CSLO 1 - Compare and contrast different geographic coordinate systems, map projections and datums used in GIS.

GEOG 93 = CSLO 5

Assemble a portfolio of well-organized, purposeful maps that solve real-world, spatial problems using industry standard methods and geographic layers.

GEOG 94 = CSLO 3

Perform classifications, clusters, weighted overlays in conjugation with statistical analysis.