

**Certificate in Geography for Security**

This new state-supported program was recommended by the Academic Senate on April 18, 2019 and concurred by the President on April 29, 2019.

**Program Description**

The *Certificate in Geography for Security* (CGS) focuses on concepts and skills in high demand in traditional and non-traditional security, such as analysts, in both intelligence and human security professions, and promotes global civic engagement and leadership. See [www.csulb.edu/geography](http://www.csulb.edu/geography)

**Admission and Degree Requirements**

The *Certificate in Geography for*

GEOG 471: GIS for Health (3)

Prerequisite: GEOG 200 or HDEV 190 or PSY 110 or SOC 170 or STAT 118 or STAT 108.  
Freshmen excluded.

GEOG 481: GIS for Natural Science (4)

Prerequisites: Junior/Senior/Graduate standing; GEOG 140 or BIOL 153 or GEOL 102.

### **REGIONAL EMPHASIS (6 units):**

Take two courses from the following:

GEOG 306; GEOG 304; GEOG 309; GEOG 313; GEOG 314; GEOG 315; GEOG 316; GEOG 318;  
GEOG 321; HIST 340; HIST 343; HIST 437; RGR 314; A/ST 307, HIST 341B, HIST 382B; HIST 383B;  
HIST 388; HIST 392; HIST 393; HIS 407; HIS 412; HIST 418; HIST 432; HIST 463; HIST 464; HIST  
491; IST 476; JAPN 452; PHIL 306; POSC 362; POSC 358; POSC 481; POSC 367

### **GEOSPATIAL AND/OR LANGUAGE OPTIONS (6-8 units):**

Choose one of the below options:

#### Option 1 Geospatial techniques

Take two courses from the following (8 units):

GEOG 473 (4); GEOG 475 (4); GEOG 482 (4); GEOG 484 (4); GEOG 485 (4); GEOG 487A  
(4); GEOG 487B (4); GEOG 488 (4)

#### Option 2 Foreign languages

Take two courses from the following: (6 units):

SPAN 300 (6); SPAN 314 (3); SPAN 335A (3) or SPAN 335B (3); FREN 312A (3); FREN  
312B (3); FREN 314 (3), FREN 320 (3); GERM 301 (3); GERM 302 (3); or GERM 305 (3);  
ITAL 312A (3); ITAL 312B (3); or ITAL 314 (3); RUSS 312 (3); RUSS 314 (3); CHIN 301 (3);  
CHIN 302 (3); or CHIN 311(3); JAPN 301 (3); JAPN 302 (3); JAPN 311(3); or JAPN 312 (3)

#### Option 3 Geospatial techniques and one in languages

Take one course in Geospatial techniques and one in languages (7 units).

#### Geospatial Techniques courses:

Take one from the following:

GEOG 473 (4); GEOG 475 (4); GEOG 482 (4); GEOG 484 (4); GEOG 485 (4); GEOG 487A  
(4); GEOG 487B (4); GEOG 488 (4)

#### Language Courses:

Take one from the following:

SPAN 300 (6); SPAN 314 (3); SPAN 335A (3) or SPAN 335B (3); FREN 312A (3); FREN  
312B (3); FREN 314 (3), FREN 320 (3); GERM 301 (3); GERM 302 (3); or GERM 305 (3);  
ITAL 312A (3); ITAL 312B (3); or ITAL 314 (3); RUSS 312 (3); RUSS 314 (3); CHIN 301 (3);  
CHIN 302 (3); or CHIN 311(3); JAPN 301 (3); JAPN 302 (3); JAPN 311(3); or JAPN 312 (3)

**EFFECTIVE: Fall 20**

Campus Code: GEOGCT04UG

Degree: UGRD Certificate

College: 28

Department: Geography

Degree Program Delivery Type: Face to Face

PS 19-10