

# GEOG - GEOGRAPHY

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## **GEOG 1101 World Regional Geography (3-0-3)**

This course provides a framework for recognizing and analyzing the major distinctive regions of the world in comparative context emphasizing various inter-relations among environment, culture, economy, politics, and history.

## **GEOG 2215 Introduction to the Geographic Information Systems (3-0-3)**

Geography 2215 is the first course in the Geographic Information Systems sequence. This course introduces students to the art and science of Geographic Information Systems (GIS) and related geospatial technologies, geographic analysis, map communication, and geographic inquiry. In the course, students will learn about the major components of Geographic Information Systems, including the hardware, software, people and data needed to make these systems useful.

## **GEOG 3108 Cultural Geography (3-0-3)**

Prerequisites: GEOG 1101 and Sophomore standing. This seminar course examines the production and interpretation of cultures, the major cultural markers of identity, and the politics of space, place, and landscape.

**Prerequisite(s):** GEOG 1101 with a minimum grade of C

### **Restriction(s):**

Freshman students may **not** enroll.

## **GEOG 3556 Selected Topics in Human Geography (3-0-3)**

Prerequisite: Completion of GEOG 1101 and sophomore standing. Various topics selected from any of the subfields of human geography. May be taken twice for credit with different topics.

**Prerequisite(s):** GEOG 1101 with a minimum grade of C or GEOG 1101I with a minimum grade of C or GEOG 1101H with a minimum grade of C

### **Restriction(s):**

Enrollment limited to Sophomore, Junior, Senior, Non-Degree - Undergrad PostBac or Degree - Undergrad PostBac students.

## **GEOG 3828 GIS Module Independent Study (0-0-(1-6))**

This course allows advanced students in GIS to develop an analytical approach to spatial problems tailored to their personal interests. A series of course modules embracing that interest is negotiated by the student and instructor with a goal of 15 hours of course work for each hour of course credit. Typically this course will be taken for four credit hours and approximately 20 course modules will be required for its completion. Students in this course work independently under close faculty supervision. (S/U grading.)

**Prerequisite(s):** GEOG 2215 with a minimum grade of C

## **GEOG 4000 Geography Portfolio (2-0-2)**

Portfolio submission demonstrating learning outcomes and skills.

**Prerequisite(s):** (GEOG 3556 with a minimum grade of C and GEOG 5128 with a minimum grade of C and GEOG 1101 with a minimum grade of C and GEOG 3108 with a minimum grade of C and GEOG 5105 with a minimum grade of C) or (GEOG 1101 with a minimum grade of C and GEOG 3556 with a minimum grade of C and GEOG 5128 with a minimum grade of C and GEOG 2215 with a minimum grade of C and GEOG 3828 with a minimum grade of C) or (GEOG 1101 with a minimum grade of C and GEOG 3556 with a minimum grade of C and GEOG 5128 with a minimum grade of C and GEOG 2215 with a minimum grade of C and GEOG 3125 with a minimum grade of C) or (GEOG 1101 with a minimum grade of C and GEOG 3556 with a minimum grade of C and GEOG 5128 with a minimum grade of C and GEOG 3108 with a minimum grade of C and GEOG 2215 with a minimum grade of C) or (GEOG 1101 with a minimum grade of C and GEOG 3556 with a minimum grade of C and GEOG 5128 with a minimum grade of C and GEOG 3108 with a minimum grade of C and GEOG 3215 with a minimum grade of C) or (GEOG 1101 with a minimum grade of C and GEOG 3556 with a minimum grade of C and GEOG 5105 with a minimum grade of C and GEOG 2215 with a minimum grade of C) or (GEOG 1101 with a minimum grade of C and GEOG 3556 with a minimum grade of C and GEOG 5128 with a minimum grade of C and GEOG 5105 with a minimum grade of C and GEOG 3215 with a minimum grade of C)

### **Restriction(s):**

Enrollment limited to students in the Department Prerequisite college.

## **GEOG 4615 Internship (0-0-(1-6))**

Experience in applied geography: GIS, community NGOs (non-governmental organizations) museums, historical societies, historic preservation, and archival collections, under close faculty supervision. (S/ U grading.)

## **GEOG 5105G Urban Geography (3-0-3)**

Fifty percent of the global population and eighty percent of the people in the United States live in cities. Urban social geography is the study of social and spatial dimensions of city life. In this course, we will explore some of the ways in which urban society is organized historically and geographically. This course incorporates class discussion, field work, and research projects.

## **GEOG 5105U Urban Geography (3-0-3)**

Fifty percent of the global population and eighty percent of the US population live in cities. Urban social geography is the study of social and spatial dimensions of city life. In this course, we will explore some of the ways in which urban society is organized historically and geographically. This seminar incorporates class discussion, field work, and research projects.

**Prerequisite(s):** GEOG 1101 with a minimum grade of C

### **Restriction(s):**

Enrollment limited to Junior or Senior students.

## **GEOG 5128G Selected Topics in Geography (3-0-3)**

Various topics selected from any of the subfields of geography. May be taken twice for credit with different topics.

### **Restriction(s):**

Enrollment is limited to Graduate Level level students.

## **GEOG 5128U Selected Topics in Geography (3-0-3)**

Various topics selected from any of the subfields of geography. May be taken twice for credit with different topics.

**Prerequisite(s):** (GEOG 1101 with a minimum grade of C and HIST 3125 with a minimum grade of C)

### **Restriction(s):**

Enrollment limited to Junior or Senior students.

**GEOG 5215G Advanced Geographic Information Systems (3-2-4)**

This course is a hybrid seminar/discussion and lab/fieldwork course that allows students to critically examine advanced topics and readings in GIS and related geospatial technologies. Students will work with ArcGIS and related geospatial technologies so they can engage in advanced geographic analysis and geospatial thinking to address their own research interests. The class will emphasize GIS and geospatial technologies as a process in which geographic questions can be answered with spatial thinking and GIS tools.

**Prerequisite(s):** (GEOG 2215 with a minimum grade of C and GEOG 3215 with a minimum grade of C)

**GEOG 5215U Advanced Geographic Information Systems (3-2-4)**

This course allows students to critically examine advanced topics and readings in GIS and related geospatial technologies. Students will work with ArcGIS and related geospatial technologies so they can engage in advanced geographic analysis and geospatial thinking to address their own research interests. We will emphasize GIS and geospatial technologies as a process in which geographic questions can be answered with spatial thinking and GIS tools.

**Prerequisite(s):** GEOG 2215 with a minimum grade of C

**GEOG 5765G Community Geography (3-0-3)**

CSU community geographers empower communities – from neighborhoods to regions – to use maps, spatial analyses and other geographical and historical data to better understand their landscape and address community concerns. This course empowers students to critically assess and apply geospatial technologies, geographic analysis, map communication, and geographic and historical inquiry in local settings. As an emerging subfield of geography with relationships across multiple disciplines and fields of study, community geography places explicit emphasis on identifying spatial thinking and engaging local knowledges. Each course integrates theory, practice, and reflection in the context of a service-learning project.

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CSU community geographers empower communities – from neighborhoods to regions – to use maps, spatial analyses and other geographical and historical data to better understand their landscape and address community concerns. This course empowers students to critically assess and apply geospatial technologies, geographic analysis, map communication, and geographic and historical inquiry in local settings. As an emerging subfield of geography with relationships across multiple disciplines and fields of study, community geography places explicit emphasis on identifying spatial thinking and engaging local knowledges. Each course integrates theory, practice, and reflection in the context of a service-learning project.