**Department of Geography and Environmental Studies CCN Changes**

GEOG 180

1) add course

2) GEOG 1XXX OR 2XXX (you can propose a number after reviewing the HED CCN course catalog)

3) Maria Lane, Associate Professor, Chair, mlane@unm.edu

4) Course Name: World of Beer

5) Course Description

This course will explore the complex contemporary and historical geography of beer. It

examines the functions of beer and brewing from unique and sometimes overlapping spatial

perspectives. At the same time, this course provides an introduction to the discipline of

Geography and its many different methods, theories, and technologies. After taking this course,

students should have a good understanding of both beer AND geography, preparing them well

to take other geography courses or to explore courses about alcohol/food in other disciplines.

One of the most unique features of the course is that it relies on a wide variety of guest lectures from the Department of GES and from the New Mexico brewing community. These speakers

will highlight various perspectives that help us understand beer production as an expression of

the human-environment relationship.

6) Student Learning Outcomes

By the end of the semester, it is my goal for every student in this class to be able to:

• Understand that beer production reflects a fundamental human-environment relationship;

• Identify cultural and historical links between major regions, as they relate to the production of beer;

• Identify the fundamental environmental factors in beer production;

• Appreciate the significance of place in the production and consumption of beer;

• Explain various cultural, economic, legal, and environmental patterns that have been produced by historic and modern beer production;

• Understand the role of beer and brewing in the Albuquerque community; and

• Communicate clearly and effectively about beer and its spatial relationships.

GEOG 181L
1) Reclassify course

2) currently GEOG 2120, revise to GEOG 1XXX

3) Cait Lippitt, Lecturer III, caitlippitt@unm.edu

4) Course Name: Maps and GIScience Lab

5) Course Description

Geospatial information is applied in the physical, natural, and social sciences in diverse ways. Geographic technologies are increasingly important for understanding both physical and cultural phenomena. This laboratory course explores geospatial information in areas of data collection, data management, data analysis, and data representation. Students will learn theory and basic skills in cartography, geographic information systems (GIS), geospatial data collection, remote sensing, global positioning systems (GPS), and geovisualization. Students will learn how to access relevant geospatial data sources and gain experience using the data to evaluate, analyze, and display geospatial information.

6) Student Learning Outcomes

Students will learn to:

1. Define geographic information and why it is important to decision-making and resource management

2. Demonstrate basic proficiency in map creation and design principles, including thematic map display, employment of map projections, and cartographic design.

3. Provide specific examples of how geographic information systems, global navigation satellite systems, remote sensing, and cartographic design are used to observe or analyze spatial data.

4. Demonstrate proficiency in the creation, acquisition, and management of spatial data.

GEOG 1160

1) Remove course

2) currently GEOG 1160

3) Cait Lippitt, Lecturer III, caitlippitt@unm.edu

4) Course Name: Home Planet Lab

5) Course no longer taught at UNM