Geography Courses

Courses

GEOG 1106. Laboratory for GEOG 1306.
Laboratory for Geography 1306 (0-2) (C) May be used to fulfill the requirement for one semester of laboratory in the University Core Curriculum Block in Life and Physical Sciences if you are also taking the lecture course GEOG 1306. GEOG 1106 may be taken concurrently with or subsequently to GEOG 1306. GEOG 1106 & GEOG 1306 are required for the Minor in Geography. Course fee required.
1 Credit Hour
2 Total Contact Hour
2 Lab Hour
0 Lecture Hour
0 Other Hour

GEOG 1306. Physical Geography.
Physical Geography (3-0) (C) Introduction to Earth’s atmosphere, weather and climate, geologic structure and surface landforms, soil and ecological systems. Human impacts upon our physical environment. Geographical focus on where things are, why they are there, and how spatial relationships make a difference. May be applied towards the University Core Curriculum Block in Life and Physical Sciences.
3 Credit Hours
3 Total Contact Hours
0 Lab Hours
3 Lecture Hours
0 Other Hours

GEOG 1310. Cultural Geography.
Cultural Geography (3-0) Introduction to cultural elements, their spatial distribution, and their interrelationship to the physical environment. This course is identical to ANTH 1310 and SOCI 1310.
3 Credit Hours
3 Total Contact Hours
0 Lab Hours
3 Lecture Hours
0 Other Hours

GEOG 3107. Weather and Climate Laboratory.
Weather and Climate Laboratory (0-2) Practical exercises, experiments and discussion related to the observation, analysis and interpretation of Earth’s atmosphere and meteorological phenomena.
1 Credit Hour
2 Total Contact Hour
2 Lab Hour
0 Lecture Hour
0 Other Hour

Corequisite(s): GEOG3306

GEOG 3306. Weather and Climate.
Weather and Climate (3-0) Study of the components of weather, weather processes, and measurement, climate elements and control factors; geographic classification of climates and natural vegetation on the earth's surface.
3 Credit Hours
3 Total Contact Hours
0 Lab Hours
3 Lecture Hours
0 Other Hours

Prerequisite(s): (GEOG 1306 w/C or better) OR (GEOG 1313 w/C or better) OR (GEOL 1111 w/C or better AND GEOL 1211 w/C or better)
GEOG 3308. Climate Science.
A descriptive synthesis of Earth’s climate system. Areas of emphasis include: (1) scientific foundations of the study of Earth's climate system, climate dynamics and climate change, (2) basic understandings of Earth's climate system as a part of the overall Earth system and Earth's place in the solar system, (3) geological and instrumental record of climate, and (4) human impacts on the climate system, including human vulnerability and response to climate change.

3 Credit Hours
3 Total Contact Hours
0 Lab Hours
3 Lecture Hours
0 Other Hours

Prerequisite(s): (GEOG 1306 w/C or better ) OR (GEOG 1313 w/C or better ) OR (GEOL 1111 w/C or better AND GEOL 1211 w/C or better)

GEOG 3312. Geography of Latin America.
Geography of Latin America (3-0) Study of the physical and cultural features which characterize the economic, social, and political geography of Latin America.

3 Credit Hours
3 Total Contact Hours
0 Lab Hours
3 Lecture Hours
0 Other Hours

Prerequisite(s): (GEOG 1306 w/D or better ) AND (GEOG 1310 w/D or better)

GEOG 3341. Topics in Geography.
Topics in Geography (3-0) Advanced study of contemporary research topics in physical or cultural geography. Topics vary according to instructor. May be repeated for credit when topics vary.

3 Credit Hours
3 Total Contact Hours
0 Lab Hours
3 Lecture Hours
0 Other Hours

Classification Restrictions:
Restricted to class of JR,SR

GEOG 4307. Geography of Arid Lands.
Geography of Arid Lands (3-0) A study of the physical complexes of the world's dry regions. Salient factors emphasized include climate, landforms, water, soils, natural vegetation and various aspects of human occupancy.

3 Credit Hours
3 Total Contact Hours
0 Lab Hours
3 Lecture Hours
0 Other Hours

Prerequisite(s): (GEOG 1306 w/C or better ) OR (GEOG 1313 w/C or better ) OR (GEOL 1111 w/C or better AND GEOL 1211 w/C or better)

GEOG 4310. Advanced Spatial Analysis.
Advanced Spatial Analysis (3-0) This course will be problem-based and the centerpiece will be a semester long GIS research project that each student will prepare. This will include the definition of a problem amenable to spatial analysis, acquisition of appropriate data sources, organization of the data layers in GIS, spatial analysis of the database, and a written and oral presentation of the results.

3 Credit Hours
3 Total Contact Hours
0 Lab Hours
3 Lecture Hours
0 Other Hours

Classification Restrictions:
Restricted to class of JR,SR

Prerequisite(s): (GEOL 4385 w/C or better ) OR (ANTH 3332 w/C or better ) OR (SOCI 3332 w/C or better)
GEOG 4366. Directed Study in Geography.
Directed Study in Geography (0-0-3) Supervised individual study of problems in geography.

3 Credit Hours
3 Total Contact Hours
0 Lab Hours
0 Lecture Hours
3 Other Hours

Classification Restrictions:
Restricted to class of JR,SR