

GEOGRAPHY (GEOG)

GEOG-1000 Introduction to Geography **3 Credits**

Introduction and description of the four traditions of geography: Human Geography, Physical Geography, Spatial Studies, and Nature and Society interactions.

Lecture: 3 hours

Prerequisite(s): None.

OAN Approved: Transfer Assurance Guide OSS007 and Ohio Transfer 36 TMSBS.

GEOG-1010 World Regional Geography **3 Credits**

Study of present issues and future prospects of developed and developing countries. Emphasis on economic activities determined by physical environment, social and cultural characteristics, and political stability.

Lecture: 3 hours

Prerequisite(s): None.

OAN Approved: Ohio Transfer 36 TMSBS and Transfer Assurance Guide OSS008.

GEOG-1050 Africans in the Americas **3 Credits**

Study of world regions touched by the African Diaspora, especially Africa, Caribbean, Brazil, and United States. Focus on characteristics of each region, demographic changes, and variations that shaped culture during and after slavery and to the present.

Lecture: 3 hours

Prerequisite(s): None.

OAN Approved: Ohio Transfer 36 TMSBS.

GEOG-1510 Regional Geography of the United States and Canada **3 Credits**

Regional geography of the United States and Canada noting significant characteristics of each region. Physical setting, economic activities, cultural diversity, social conditions, and political identity of each region studied.

Lecture: 3 hours

Prerequisite(s): None.

OAN Approved: Ohio Transfer 36 TMSBS.

GEOG-1740 Fundamentals of Geographic Information Science **3 Credits**

[This course is cross-listed as CNST-1740. Credit can only be earned once for either course.] Introduction to geographic information science with a focus on learning Geographic Information Systems (GIS) software.

Topics include map, interpretation, and analysis, coordinate systems, map projections, scales, topographic mapping, accuracy versus precision, spatial analysis techniques, types of thematic mapping, sources of data, basic database management, advantages and limitations of GIS, and an introduction to applications in engineering, engineering technology, and the sciences. Students are expected to have basic computer skills prior to taking this course.

Lecture: 2 hours. Laboratory: 2 hours

Prerequisite(s): MATH-1410 Elementary Probability and Statistics I, or MATH-1470 Modern Mathematics for Business and Social Sciences I, or MATH-1530 College Algebra or higher.

OAN Approved: Transfer Assurance Guide OSS051.

GEOG-179H Honors Contract in Geography **1 Credit**

Honors Contract complements and exceeds requirements and expected outcomes for an existing 1000-level honors course through formulation of a contract with a faculty mentor. This independent study at the honors level may also be taken with a non-honors course. When taken with a non-honors course, the Honors Contract adds an honors experience to that course. In conjunction with a faculty mentor, student will formulate a contract, which upon completion will result in distinctive scholarship. The student is required to meet on a regularly scheduled basis with instructor for mentor-student tutorial sessions. A maximum of six Honors Contracts (six credit hours) may be taken at the College (includes 179H and 279H).

Lecture: 1 hours

Prerequisite(s): Must be taken concurrently with a 1000-level course whose instructor agrees to mentor the student in this contract. Departmental approval required.

GEOG-1820 Independent Study/Research in Geography **1-3 Credits**

Directed individual study. Study/research title and specific content arranged between instructor and student. May be repeated for a maximum of six credits of different topics.

Lecture: 1-3 hours

Prerequisite(s): Departmental approval, and instructor approval, and ENG-0995 Applied College Literacies, or appropriate score on English Placement Test. or appropriate score on English Placement Test. Note: ENG-0990 Language Fundamentals II taken prior to Fall 2021 will also meet prerequisite requirements.

GEOG-182H Honors Independent Study/Research in Geography **1-3 Credits**

Honors-level directed individual study. Must meet criteria set forth in the Honors Course Checklist used to approve regular honors courses. Study/research title and specific content arranged between instructor and student. May be repeated for a maximum of six credits of different topics.

Lecture: 1-3 hours

Prerequisite(s): Departmental approval and instructor approval, and ENG-0995 Applied College Literacies, or appropriate score on English Placement Test. and must have earned an A or B in at least 3 honors courses. Note: ENG-0990 Language Fundamentals II taken prior to Fall 2021 will also meet prerequisite requirements.

GEOG-2030 Environmental Geography **3 Credits**

Study of the impact humans have on the surrounding environment by exploring environmental processes and the impact consumption, population dynamics, and technology use have on a range of topics including: climate change, energy profiles, agricultural ecosystems, species diversity, habitat health in such systems as forests and wetlands, and air and water pollution. Topics will be explored using the lenses of ecological principles, public policy, and economics, from global to local scales.

Lecture: 3 hours

Prerequisite(s): ENG-0995 Applied College Literacies, or appropriate score on English Placement Test; or departmental approval. Note: ENG-0990 Language Fundamentals II taken prior to Fall 2021 will also meet prerequisite requirements.

OAN Approved: Ohio Transfer 36 TMSBS.

**GEOG-282H Advanced Honors Independent Study/Research in
Geography
1-3 Credits**

Advanced Honors-level directed individual study. Must meet criteria set forth in the Honors Course Checklist used to approve regular honors courses. Study/research title and specific content arranged between instructor and student. May be repeated for a maximum of six credits of different topics.

Lecture: 1-3 hours

Prerequisite(s): Departmental approval and instructor approval, and ENG-0995 Applied College Literacies, or appropriate score on English Placement Test. and must have earned an A or B in at least 3 honors courses. Note: ENG-0990 Language Fundamentals II taken prior to Fall 2021 will also meet prerequisite requirements.