

**Course Description:**

This course introduces students to the basic concepts, principles, and methods of geography, including physical and human geography, geographic information systems (GIS), and spatial analysis.

**Course Outline:****Introduction to Geography:**

- Definition and scope of geography
- Branches of geography (physical, human, cultural, economic)
- Geographic concepts (space, place, location, scale)

**Physical Geography:**

- Earth's physical systems (atmosphere, hydrosphere, lithosphere, biosphere)
- Landforms and landscapes (mountains, valleys, plateaus)
- Water resources (rivers, lakes, oceans)
- Climate and weather patterns
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**Human Geography:**

- Population and migration
- Culture and identity
- Economic systems (agriculture, industry, services)
- Urban and rural geography

**Geographic Information Systems (GIS)**

- Introduction to GIS and spatial analysis
- Data types and sources (vector, raster, remote sensing)
- GIS software and applications

**Spatial Analysis and Cartography**

- Spatial concepts (distance, direction, proximity)
- Mapping techniques (scale, projection, symbolization)
- Spatial analysis methods (overlay, buffer, network analysis)

**Regional Geography**

- Regionalization and regional development
- Case studies of different regions (e.g., Europe, Asia, Africa)

**Assessment:**

**1st Term (25%)** Assignments/Quizzes and Presentations

**Mid Term (35%)** Written (Long Questions, Short Questions, MCQs)

**Final Term (40%)** Written (Long Questions, Short Questions, MCQs)

**Textbook:**

1. Introduction to Geography: People, Places, and Environment\*\*\* by Carl Dahlman and William H. Renwick (7th Edition, 2022)

- Dahlman, C., & Renwick, W. H. (2022). \*Introduction to Geography: People, Places, and Environment\* (7th ed.). Pearson.

- 2.** "The World Today: Concepts and Regions in Geography" by H. J. de Blij, Peter O. Muller, and Jan Nijman (8th Edition, 2022)  
de Blij, H. J., Muller, P. O., & Nijman, J. (2022). \*The World Today: Concepts and Regions in Geography\* (8th ed.). Wiley.
- 3.** "Geosystems: An Introduction to Physical Geography" by Robert W. Christopherson, Ginger Birkeland, and Mary-Louise Byrne (11th Edition, 2022)  
Christopherson, R. W., Birkeland, G., & Byrne, M. (2022). Geosystems: An Introduction to Physical Geography (11th ed.). Pearson.
- 4.** "Introduction to Geography"\*\*\* by Edward F. Bergman and William H. Renwick (6th Edition, 2022)  
Bergman, E. F., & Renwick, W. H. (2022). Introduction to Geography (6th ed.). McGraw-Hill Education.
- 5.** Fundamentals of World Regional Geography "by Joseph J. Hobbs (5th Edition, 2023)  
- Hobbs, J. J. (2023). \*Fundamentals of World Regional Geography\* (5th ed.). Cengage Learning.