



Code	Subject Title	Cr. Hrs	Semester
GEOG-211	Introduction to Geography	3	III
			IV
Year	Discipline		
2	Political Science, History		
	Economics, English		

1. Introduction & Definitions of Geography
  - a. Themes of Geography
  - b. Roots of the discipline & basic geographic concepts
  - c. The evolution of geography from ancient to modern period
  - d. Branches of Geography and its relations with other disciplines.
2. The universe
  - a. Galaxies and Solar system
  - b. Origin of the Earth,
3. Earth as a planet and celestial positions its Shape and size.
  - a. Rotation and revolution and related phenomena
  - b. Earths' Satellite Moon
  - c. Lunar and solar Eclipses
4. Positions on Map and Globe,
  - a. Geographical coordinates and its characteristics,
  - b. World time zones standard and local time
5. Geological time scale,
  - a. Internal Structure of the Earth & Rocks.
  - b. Distribution of land and water,
  - c. Major Landforms (Mountain, Plateau and Plain)
6. Atmospheric Structure and Composition,
  - a. Elements of Weather and climate.
7. Ocean and its Configuration
  - a. Movement of Oceans
8. Biomes

#### Recommended Books:

1. Christopherson, R.W. (2000), Geo-systems, Prentice-Hall, Inc, USA.
2. De Blij, H. J and Muller, P.O. (1996), Physical Geography of the global Environment, USA, John Wiley and Sons Inc.
3. Diwan A.P. & D.K. Arora (1995), Origin of the Ocean, Anmol Publisher, Delhi.
4. Gabler, R.E, Sager, R.J and Wise, D.L. (1997), Essentials of Physical Geography, Saunders College Publishing, New York.
5. Kendrew, (1961), Climates of the continents, Longman London/New York
6. King, CAM (1980), Physical Geography, Oxford, Basil Blackwell
7. Mcliveen, J.F.R. (1992), Fundamentals of Weather and climate, Prentice Hall New Jersey
8. Miller, E.W. (1985), Physical Geography, Columbus, Charles E. Merrill
9. Miller, G.T. (1996), Living in the Environment, Principles, connections and solutions, Wadsworth



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10. Monkhouse, F.J. (1996), Principles of Physical Geography, Hodder & Stoughton, London
  11. Rathor, A. Hamid (1996), Tabhi Geographia, Islamabad Muqtadra Qaumi Zaban
  12. Scott, R.C. (1996), Introduction to physical geography, West Publishing Co, New York.
  13. Small, R. J. (1989), Geomorphology and Hydrology, London, Longman.
  14. Strahlar, A.N., Strahlar, A.H. (2004), Physical Environment, John Wiley,. New York
  15. Stringer, E.T. (2004), Modern Physical Geography, New York: John Wiley.
  16. Taylor, J. (1993), Integral Physical Geography, London Longman
  17. Thompson, R.D. et. Al. (1986), Process in Physical Geography, London, Longman.
  18. Thornbury, W.D. (1969), Principles of Geomorphology, John Willy & Sons. New York.
  19. Thurman, H.V. & Mexrill (1996), Essentials of Oceanography, Menson, London
  20. Shepherd (latest edition) Oceanography
  21. Pakistan Geographical Review (Lahore)
  22. Pakistan Journal of Geography (Peshawar)
  23. Journal Geography (Karachi)
  24. HEC Digital Library
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