

GYE 508 Bio-Geography

Course Learning Outcomes:

- CO1. Understand health issues in its spatial context.
- CO2. Extrapolate influence of place and location on human health.
- CO3. Analyze spatial patterns of disease and health care provisions.
- CO4. Apply geographical concepts and techniques to health related problems.
- CO5. Apply geographical knowledge to health policy advocacy specifically to third world diseases.
- CO6. Assess/Evaluate methods applied to infer causal relationships between spatial variability in environment and health outcomes.

Units	Course Content	Teaching Hours
1	Genesis of soils: Classification and distribution of soils, Soil profile Soil erosion, Degradation and conservation	10
2	Factors influencing : World distribution of plants and animals, Problems of deforestation and conservation measures, Social forestry, Agroforestry, Wild life Major gene pool centers	12
3	Natural vegetation: Soil types and their distribution, Deforestation Desertification Soil erosion Biotic, forest and wildlife resources and their conservation Land capability Agro and social forestry	12

References:

1. Heintzelman and High Smith (1965): World Regional Geography. Prentice Hall, New Delhi.
2. Husain .M (2004): World Geography, Rawat, Jaipur.
3. Tikka, Bali, Sekhon (2002): World Regional Geography, New Academic Publishing Company, Jalandhar.
4. Ranganath (2009):Regional Geography of world, Vidyanidhi, Gadag,
5. Hartshorn.T.A. (2009): Economic Geography, PHI, New Delhi.