

**Institute of Social & Cultural Studies
Faculty of Behavioral & Social Sciences
University of the Punjab, Lahore
Course Outline**



Programme	BS Demography	Course Code	DEM203	Credit Hours	3
Course Title	Population, Environment and Sustainable Development				

Course objectives:

At the successful completion of this course students will be able to:

- i. Comprehend the complexity and various forms and dimensions of development and environment issues
- ii. Distinguish the multiple dimensions of sustainability and the linkages between them, and how these dimensions inform policy processes and outcomes
- iii. Critically assess the politics of sustainability and the various theoretical perspectives of development and environment

Contents:

1. Sustainable development: Conceptual and Theoretical issues

- Importance of studying Sustainable Development
- Meaning, Concepts and Definitions
- linkages between ecology and development
- Economic growth and ecological degradation

2. Innovations for Sustainable Development

- Conventional perspectives on development
- Critics of Conventional Development perspectives
- Impact of the concept of sustainability on policies and programs in development sectors

3. Population and environment

- Ecological and environmental dimensions of sustainable development
- Approaches to environment
- Population growth and climate change

4. Population and Quality of Life

- Quality of life: definition and measurement
- Resource creation, management and distribution of water, air, housing, etc.
- Land, Cattle and open Space linkages
- Sanitation, Health and health care
- Education and Information.

5. Environmental Degradation and Poverty

- Sustainable livelihoods
- Population and common property resources
- Population, poverty and vulnerability
- Gender dimensions and grass-root perspectives to Environment-Development
- Development and displacement

6. Governance for Sustainable Development

- Natural resources management
- Forest management
- Mining of natural resources
- Ground Water, River and Ocean Pollution
- Different institutional arrangements for environmental protection and their limitations
- Creating and managing emission related norms
- Success models of efficient environmental management – CNG, Smokeless Choolah, and other successful green models; The Challenges for International environmental Governance

7. Population, Society and Sustainable development

- Population and resources
- Human versus land _carrying capacity‘
- _Population stabilization‘ to _Population balance‘
- Critiques of sustainable development perspectives
- Role of social institutions
- Individual behavior in the context of social costs and benefits
- Gender and environment
- Indigenous population and environmental sustainability

Teaching-Learning Strategies:

Teaching will be a combination of class lectures, class discussions, and group work. Short videos/films will be shown on occasion.

Assignments:

The sessional work will be a combination of written assignments, class quizzes, presentations, and class participation/attendance.

Assessments and Examination:

Sessional Work: 25 marks

Midterm Exam: 35 marks

Final Exam: 40 marks

Suggested Readings

1. Baland, J. M., Bardhan, P., & Bowles, S. (Eds.). (2018). *Inequality, cooperation, and environmental sustainability*. Princeton University Press.
2. Carley, M., & Christie, I. (2017). *Managing sustainable development*. Routledge.
3. Bongaarts, John. (1992). Population growth and global warming. *Population and Development Review*, 18: 299-319.
4. Bründtland, G.H. (1987). *Our Common Future: The World Commission on Environment and Development*, Oxford, Oxford University Press.
5. Clarke, J. I. (1996): —The Impact of Population Change on Environment: An Overview. In Bernardo Colombo, Paul Demeny, and Max F. Perutz, (Eds.), *Resources and Population*:

6. *Natural, Institutional, and Demographic Dimensions of Development*. Clarendon Press, Oxford, pp. 254-268.
7. Davis, Kingsley & Mikhail S. Bernstam (eds.) (1991), *Resources, Environment, and Population: Present Knowledge, Future Options*. New York: Oxford University Press.
8. Diana, L., Emilio, F. M., Ronald, R. R., Paul, C. S. (Eds). (1998): *People and Pixels: Linking Remote Sensing and Social Science*. Committee on the Human Dimensions of Global Change, Commission on Behavioral and Social Sciences and Education, National Research Council, National Academy Press: Washington DC.
9. McNicoll, Goefferey.(2005). *Population and Sustainability*. Working paper No.205. New York, Population Council.