

**PRE-REQUISITE:** F.Sc. or equivalent

**COURSE LEARNING OUTCOMES:**

- be able to demonstrate an understanding of federal environmental laws and their importance in the protection of environmental quality
- have a thorough understanding of international treaties and conventions on environmental issues of global concern

**CONTENTS**

**Unit-I: Fundamental of Environmental laws**

- 1.1. Environment Protection in Pakistan,
- 1.2. Environmental Law,
- 1.3. Environmental law Environmental Consciousness in Pakistan,

**Unit-II: Historical development of Environmental laws**

- 1.4. Historical Development of Pakistani Environmental Laws,
- 1.5. History of International Environmental Law, Stockholm Conference,
- 1.6. World Charter for Nature, etc, Rio Declaration (UNEP)/ Earth Summit,
- 1.7. Agenda 21, Earth Charter and the International Covenant on Environment and Development

**Unit-III: Human and Environmental Laws:**

- 3.1. Environmental Rights and Human Rights,
- 3.1. Islam and the Environment, Pakistani
- 3.3. Environmental Laws, EIA under PEPA,
- 3.4. Trip to the Punjab Environment Department,
- 3.5. Environmental laws on water: Water quality and quantity,
- 3.6. Environmental laws on air and noise,
- 3.7. Environmental laws on conservation, forest, Environmental laws on waste

**Unit-IV: National conservation strategies:**

- 1.1. Review of National Conservation Strategy,
- 1.2. NGOs and the Environment,
- 1.3. Environmental Cases in Pakistan, From Stockholm to Rio to 21st Century.
- 1.4. International Environmental Law, what are international treaties?

**Unit-V: Environmental laws in Pakistan**

- 5.1. National Environmental Policy of Pakistan and its implementation,
- 5.2. All the environment related policies of Pakistan,
- 5.3. All the conservation strategies and National Conservation Strategies and Action Plans,
- 5.4. Global Collaborations, Environmental provisions in the constitution of Pakistan,
- 5.5. Environmental planning.

**TEACHING – LEARNING STRATEGIES**

- Lecture based examination
- Presentation/seminars
- Class discussion
- Quizzes

## ASSIGNMENTS – TYPE AND NUMBER WITH CALENDAR

It is continuous assessment. The weightage of Assignments will be 25% before and after midterm assessment. It includes:

- classroom participation,
- attendance, assignments and presentation,
- homework
- attitude and behavior,
- hands-on-activities,
- short tests, quizzes etc.

## ASSESSMENT AND EXAMINATIONS:

Sr. No.	Elements	Weightage	Details
1.	Mid Term Assessment	35%	It takes place at the mid-point of the semester
2.	Formative Assessment	25%	It is continuous assessment. It includes: classroom participation, attendance, assignments and presentation, homework, attitude and behavior, hands-on-activities, short tests, quizzes etc.
3.	Final Assessment	40%	It takes place at the end of the semester. It is mostly in the form of a test, but owing to the nature of the course the teacher may assess their students based on term paper, research proposal development, field work and report writing etc.

## RECOMMENDED TEXTBOOKS / SUGGESTED READINGS

1. Tan, A. (2002). *Historical Development of International Environmental Law*. Prof. Nicholas Robinson and Jawad Hassan, *Comparative Environmental Law & Regulation*, Chapter.
2. Hassan, P. and Hassan, J. (2002). *Environmental Laws in Pakistan*.
3. National Environmental Policy, (2005). National Drinking Water Policy, 2009, National Rangeland Policy, 2010, National Resettlement Policy, 2002, National Sanitation Policy, 2006, National Water Policy, National Forest Policy, World Conservation Strategy, 1980, National Conservation Strategy, 1992, Pakistan Water Sector Strategy, 2002, Global Collaborations, Stockholm Conference (1972), Montego Bay (1982), Montreal Protocol (1987), The Helsinki Declaration (1989), Earth Summit (1992), Copenhagen (1996), The Kyoto Protocol (1997)
4. Pakistan Environmental Protection Act, 1997 (Act No. XXXIV of 1997)
5. Pakistan Environmental Protection Agency Review of IEE and EIA Regulations, 2000

### Further Reading:

As suggested by the Instructor.