

**COURSE CODE:** ENE-414  
**COURSE NAME:** Environmental Law and Policy  
**CREDIT HOURS:** Theory = 2 Practical = 0 Total = 2  
**CONTACT HOURS:** Theory = 32 Practical = 0 Total = 32  
**PREREQUISITE:** None  
**MODE OF TEACHING:** Two hours of lecture per week

**COURSE DESCRIPTION:**

Environmental laws and policies have been changing dynamically since the 1980s when the environmental movement started worldwide. In Pakistan, with the introduction of national climate change policy and existing PEPA law, environmental laws and policies are in the development and implementation process. Therefore, the course familiarizes students with this process of environmental decision-making and dispute resolution.

**COURSE OBJECTIVES:**

The course will provide:

- an understanding of environmental laws and policies ratified by Pakistan,
- and prepare students for a future career in environmental law and consultancy.

**RELEVANT PROGRAM LEARNING OUTCOMES (PLOs):**

The course is designed so that students will achieve the PLOs:

- |   |                                  |                                     |    |                                 |                                     |
|---|----------------------------------|-------------------------------------|----|---------------------------------|-------------------------------------|
| 1 | Engineering Knowledge:           | <input type="checkbox"/>            | 7  | Environment and Sustainability: | <input checked="" type="checkbox"/> |
| 2 | Problem Analysis:                | <input type="checkbox"/>            | 8  | Ethics:                         | <input type="checkbox"/>            |
| 3 | Design/Development of Solutions: | <input type="checkbox"/>            | 9  | Individual and Teamwork:        | <input type="checkbox"/>            |
| 4 | Investigation:                   | <input type="checkbox"/>            | 10 | Communication:                  | <input type="checkbox"/>            |
| 5 | Modern Tool Usage:               | <input type="checkbox"/>            | 11 | Project Management:             | <input type="checkbox"/>            |
| 6 | The Engineer and Society:        | <input checked="" type="checkbox"/> | 12 | Lifelong Learning:              | <input type="checkbox"/>            |

**COURSE LEARNING OUTCOMES:**

Upon successful completion of the course, the student will be able to:

S. No.	CLOs	Domain	Taxonomy Level	PLOs
1	<b>UNDERSTAND</b> the basics of environmental laws and policies in Pakistan	Cognitive	2	6
2	<b>APPLY</b> environmental laws and policies for resolving environmental disputes and	Cognitive	3	7

environmental decision-making processes			
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### **PRACTICAL APPLICATIONS:**

The course will help the students to understand the basic sources of environmental laws and policies and identify international policies ratified by Pakistan. It will prepare students for a future career in research or environmental law and consultancy.

### **TOPICS COVERED:**

<b>Week</b>	<b>Topic Covered</b>	<b>Reading Assignment/ Homework</b>	<b>CLO #</b>
1	Introduction to Environmental Law	Chapter 1	2
2	Environmental Acts PEPA Act and 18 <sup>th</sup> Amendment Regulatory frameworks	Chapter 1 Assignment 1 Quiz 1	3
3-4	Rules Pollution Charge for Industry 2001 Environment Samples Rules 2001 Hazardous Substance Rules 2000	Chapter 2 Quiz 2	3
5-6	International Environmental Law Montreal Protocol Kyoto Protocol	Chapter 3 Assignment 2	2
7-8	Convention on Biological Diversity (CBD) – REDD/REDD+ Ramsar Convention	Chapter 3 Quiz 3	2
9	<b>Mid Semester Exam</b>		
10	Malay Declaration COPS – Paris Agreement	Chapter 4	2
11	National and Local Government Policies National Policies National Climate Change Policy	Chapter 4 Quiz 4	2, 3
12	National Drinking Water Policy	Chapter 5 Assignment 3	2, 3
13	Significant Legal Cases on Environmental Issues in Pakistan	Chapter 5 Quiz 5	3
14	WASH Policy	Chapter 6	2, 3
15	Natural Resource Laws and Policies	Chapter 6	2

16	Implementation, compliance, and enforcement: critical perspectives	Chapter 6 Quiz 6	3
17	Revisions, Make up, Final Exam Preparation	Chapter 1-6	2, 3
18	<b>End Semester Exam</b>		

### LIST OF PRACTICALS:

Not Applicable

Sr. No.	Practical	CLO #
1		
2		
3		

### TEXT AND MATERIAL:

Environmental Law, 8th Edition by Gary S. Silverman, 2013

PEPA (net links)

Multilateral Environmental Agreements (MEAs)

### ASSESSMENT SYSTEM:

<b>Theoretical/Instruction</b>	<b>100%</b>
Assignments	10%
Quizzes	15%
Mid Semester Exam	25%
End Semester Exam	50%
<b>Practical Work</b>	<b>0%</b>
Lab Attendance	0%
Lab Report	0%
Lab Quiz	0%
Lab Rubrics	0%