

**University of Management and Technology**  
**School of Architecture & Planning**  
**Department of City and Regional Planning**

**Semester Spring 2021**

**Course Outline**

**Course code: CRP-242**

**Course title: Environmental Planning & Management**

Program	Bachelor of City & Regional Planning	
Credit Hours	2+1	
Duration	Monday: 09:30 12:00 (Theory) Thursday: 09:30 -11:30 (Practical)	
Prerequisites	None	
Resource Person	Capt Zaira Tahir (R), Nabeel Shakeel	
Counseling Timing	See office Window	
Contact	03334041564	Email: <a href="mailto:zaira.tahir@umt.edu.pk">zaira.tahir@umt.edu.pk</a> nabeel.shakeel@umt.edu.pk

**Chairman/Director signature.....**

**Dean's signature.....**

**Date.....**

## **Learning Objective:**

To develop understanding of environmental issues and familiarize the students with environmental planning and management approaches.

## **Learning Methodology:**

- Lecturing
- Field Visits
- Guest Speaker
- Project

## **Grade Evaluation Criteria**

Following is the criteria for the distribution of marks to evaluate final grade in a semester.

### **Marks Evaluation**

### **Marks in percentage**

Quizzes	10%
Assignments	10%
Mid Term	20%
Term Project	10%
Final exam	50%
Total	100%

## **Recommended Text Books:**

1. Daniels, T. (2014), *The Environmental Planning Handbook for Sustainable Communities and Regions*, American Planning Association (ISBN 1611901510, 9781611901511).
2. 10. Randolph, J. (2004), *Environmental land use planning and management*, Covelo, CA. Island Press.

## **Reference Books:**

1. Daniels, T. (2014), *The Environmental Planning Handbook for Sustainable Communities and Regions*, American Planning Association (ISBN 1611901510, 9781611901511).
2. Momtaz, S., Kabir S. M. Z. (2013), *Evaluating Environmental and Social Impact Assessment in Developing Countries*, Waltham, US, Elsevier Inc.
3. Rom, W. N. (2012), *Environmental Policy and Public Health: Air Pollution, Global Climate Change and Wilderness*, Jossey-Bass, San Francisco.
4. Miller, G. T. and Spoolman, S. (2012), *Living in the Environment: Principles, Connections, and Solutions*, Brooks/Cole, CENGAGE Learning.
5. UN-HABITAT (2011), *Cities and Climate Change: Global Report on Human Settlements 2011* (ISBN: 9781849713702).
6. Lehmann, S. (2010), *the Principles of Green Urbanism: Transforming the City for Sustainability*, Earthscan (ISBN: 9781844078172).
7. Imran, Muhammad (2010), *Institutional Barriers to Sustainable Urban Transport in Pakistan*, Pakistan Oxford University Press, (ISBN: 9780195476668).
8. Tinsley, S. and Pillai, I. (2006), *Environmental Management Systems: Understanding Organizational Drivers and Barriers*, EarthScan, Bath Press, UK.
9. Keizers, G. (2005), *Business, Government and Sustainable Development*. Routledge, (ISBN 0-415-33963-4).
10. Randolph, J. (2004), *Environmental land use planning and management*, Covelo, CA. Island Press.

## Calendar of Course contents to be covered during semester

Course code: CRP-242

Course title: Environmental Planning & Management

Week	Course Contents	Reference Chapter(s)
1	Introduction to Environmental Planning and Management	Class Notes
2	Relationship between environmental planning and town planning	Class Notes
3	Sustainable Development: Conceptual Issues	Class Notes
4	Institutional Framework for Environmental Protection and Management in Pakistan	Class Notes
5	Environmental Policy of the Government of Pakistan Environmental Law in Pakistan	Class Notes
6	Global Environmental Concerns (Ozone Layer, global warming and Climate change)	Class Notes
7	Presentations	Class Notes

8	<i>Review of pervious lectures Mid Term Exam</i>	Class Notes
9	Cities and Sustainability	Class Notes
10	Measuring the Environmental Impact of Cities	Class Notes
11	Environmental Assessment	Class Notes
12	Urban Heat Island	Class Notes
13	Protecting Environment from Industrial Emissions	Class Notes
14	Solid Waste Management	Class Notes
15	Hazards of Hospital Waste and its Management	Class Notes

16	Environmental Problem at work Place Resource Management Global environmental sustainability	
----	---	--