



The Islamia University of Bahawalpur

Tentative Course Plan DEPARTMENT OF Geography

Class: B.S. Semester 1st (spring)

Session: 2020-2024

Instructor	Mr. Muhammad Hussain	Email:Hussainchaudhry370@gmail.com
Course Title	Introduction to Environmental Science	Program B.S.
Course Number	GEOG-03105	Credit Hours 03

Lecture	Tuesday, Wednesday and Thursday (8:30 AM to 09:30 AM)
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Course Objective:

To introduce the students with basic concepts and the history of development of Environmental Science as an academic discipline, its importance in human life, its interdisciplinary nature and provide students with an understanding of the relationships between different components of environment, current global, and national environmental challenges for sustainable development.

Grading	Mid- Exam (30%) Final Exam (50%) Problem Session/Assignments (20%)
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Resource Material	1.Books Prescribed: 1. <i>Environmental Science: Earth as a Living Planet</i> , Botkin, D.B & Keller, E.A. 6 th Ed. John Wiley & Sons, 2007. 2. <i>Environmental Science: systems and solutions</i> , McKinney, M.L., Schoch, R.M. & Yonavjak, L. 4 th Ed. Jones & Bartlett Publishers, 2007 3. <i>Environmental Science: Toward a Sustainable Future</i> , Wright, R.T. & Nebel, B.J. 10 th Ed. Pearson Educational, 2007. 4. <i>Environmental Science: working with the Earth</i> . Miller, G., Thomson Learning, 2002.
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SEQUENCE OF TOPICS TO BE COVERED

Lecture Date	Session #	Topics (outline of main topics and sub topics)	Comments
Feb 24 - 28	1	Introduction, Orientation, Course Outline Definition, Concepts	
Mar 02– 06	2	Meaning, Nature and aspects of Environment	
Mar 09 – 013	3	Component of Environment, physical, chemical, Biological and social environment	
Mar 16- 20	4	Ecosystem & Human interference in Environment	
Mar 23- 27	5	Biomes	
Mar 30- April 03	6	Environmental Degradation	
April 06- 10	7	hydrological cycle Human interference in hydrological cycle	
April 13- 17	8	Uses of Water Problems associated with the uses of water	
Aril 20- 24	9	Mid Term Exam	

April 27 May 01-	10	Pollution Air pollution Causes and effects		
May 04- 08	11	Water Pollution Causes and effects		
May 11- 15	12	Greenhouse Effect		
May 18- 22	13	Global Warming and Climate Change		
May 25- 29	14	Ozone layer depletion Acid Rain		
Jun 01- 05	15	Solid waste: types, disposal and Soil Erosion		
Jun 08- 12	16	Environmental Challenges for sustainable development		
Jun 15- 19	17	presentations		
Jun 22- 26	18	Final Term Exam		

Student Evaluation criteria:

Attendance	5%
Workshop / Assignments/Case study	5%
Surprise Test/Sudden Test , Quizzes	5%
Class Participation	5%
Mid Term Paper	30%
Final Term paper	50%
Total	100%

Student Responsibilities:

Students must attend class. Failure to attend class may result in failure in the course. Students must also arrive on time and remain in class for the entire period. Cellular Phones and Beeper must be Turned off (Proper classroom decorum [behavior] adopts, Course outlines and calendars explain requirements and assignments, students are responsible for knowing what they say. Students are also responsible for doing all assigned work on time. Excessive absences (more than 03) will result in “F Grade”. Students may prepare Sketchbook for taking notes and for references.

Instructor/Tutor

**Approved by:
Head of Department**