



زانكۆی سه لاهه دین - هه ولێر
Salahaddin University-Erbil

Course Description

Module:	Language:
Environmental Science and Health Environmental Awareness	English
Academic Year:	Semester:
2024-2025	Second
ECTS:	Prerequisite:
3	-
Lecturer in charge:	Department/ College:
Assist Prof Dr Nashmeel Saeed Khudhur (Theory) Dr. Jamal Kamal Mohammedamin (Practical)	Environmental Sciences and Health /Science
Contact:	Office hours:
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Course Outcome:	
Theory:	
By the end of this course learners will:	
<ol style="list-style-type: none">1. Be introduced to the principles of environmental awareness.2. Understand the meaning of some common terminology.3. Have an awareness of the impact of environmental change.4. Have an awareness of resource efficiency.5. Identify practical ways to reduce environmental impacts.6. Be able to characterize how it works and applied locally in Kurdistan.	

7. Understand how the Environmental awareness can be measured and predicted.
8. Understand the environmental issues that we face and the causes behind them, as well as the problems caused by pollution and how they can be prevented.
9. Understand environmental laws and directives.
10. Know why minimizing energy usage is important and the benefits of doing so
11. Understand how businesses affect the environment and learn ways businesses can improve to have a more positive impact.
12. Learn how to save energy and water.
13. Understand the correct, safe waste management procedures.

Practical:

Upon completing a course on environmental awareness, students are expected to be able to:

1. **Understand the fundamentals of environmental science:** Recognize key concepts related to environmental systems, ecology, and the impact of human activities on the environment.
2. **Identify and evaluate environmental issues:** Develop the ability to assess local and global environmental problems, such as pollution, climate change, deforestation, and loss of biodiversity.
3. **Understand the importance of sustainability:** Understand the principles of sustainable development and how to apply them to everyday practices, ensuring long-term environmental balance.
4. **Demonstrate eco-friendly practices:** Implement sustainable practices in their personal and professional lives, such as waste reduction, resource conservation, and responsible consumption.
5. **Advocate for environmental protection:** Engage in promoting environmental awareness and solutions to local communities, organizations, or through public policy.
6. **Use environmental assessment tools:** Learn how to use methods and tools to assess environmental impacts, such as environmental impact assessments (EIAs), life-cycle analysis, and sustainability indices.
7. **Evaluate the role of government and policy in environmental protection:** Understand the role of legislation and international agreements in addressing environmental challenges.
8. **Analyze the links between human health and the environment:** Recognize how environmental issues, such as air and water quality, affect human health and well-being.

9. **Apply critical thinking to environmental decision-making:** Develop problem-solving and decision-making skills to address environmental challenges based on scientific data and ethical considerations.

Course Content (Weekly Plan):

Theory:

Week 1: An introduction to environmental awareness

Week 2: The environment at risk

Week 3: Awareness about zoonotic and vector-borne diseases

Week 4: Awareness about toxic metals and elements

Week 5: Awareness about pesticides and other organic chemicals

Week 6: Awareness about ionizing and nonionizing radiation

Week 7: Water quality awareness

Week 8: Air quality awareness

Week 9: Solid and liquid wastes awareness

Week 10: Food safety awareness

Week 11: Occupational health awareness

Week 12: Injuries with a focus on unintentional injuries

Note: Exams are arranging according to the time-table given by the Department at their time.

Practical:

Week 1 (An introduction to Environmental awareness)

Week 2 (Steps to Creating a Public Awareness Campaign)

Week 3 (How to cultivate environmental awareness in schools or University)

Week 4 (How to Start an Environmental Group in Your School or Community)

Week 5 (social media as a Tool for Environment Protection)

Week 6 (Exam)

Week 7 (Air Pollution-Awareness Project)

Week 8 (Water pollution awareness Project)

Week 9 (Light pollution awareness Project)

Week 10 (Noise pollution awareness Project)

Week 11 (Environmental awareness Project at home)

Week 12 (Environmental awareness Project at Kurdistan Environment Day)

References:

- Mumtahanah, A. and Puspitasari, D., 2024. THE DISCOURSE OF ENVIRONMENTAL AWARENESS IN ENGLISH TEXTBOOKS. *Brightness Journal*, 1(2).
- Cetin, G. and Nisanci, S.H., 2010. Enhancing students' environmental awareness. *Procedia-Social and Behavioral Sciences*, 2(2), pp.1830-1834.
- Szeberenyi, A., Lukacs, R. and Papp-Vary, A., 2022. Examining environmental awareness of university students. *Eng. Rural Dev*, 21, pp.604-611.
- Şimşek, Ş. and Açar, R., 2023. Environmental Awareness in Children's Books: An Analysis of Sally Morgan's "Discover It Yourself" Series from the Perspective of Raising Environmental Awareness. *Bulletin of Educational Studies*, 2(1), pp.18-25.
- Li, Y., 2018. Study of the effect of environmental education on environmental awareness and environmental attitude based on environmental protection law of the People's Republic of China. *Eurasia Journal of Mathematics, Science and Technology Education*, 14(6), pp.2277-2285.
- Kountouris, Y., 2022. Awareness days and environmental attitudes: The case of the "Earth Hour". *Ecological Economics*, 195, p.107367.
- Friis, Robert.H. 2019. Essentials of Environmental Health. Jones & Bartlett Learning, LLC. 410pp.
- Education, W.E., ENVIRONMENTAL EDUCATION AND AWARENESS. *Agenda*, 21, p.7.
- Narula, S., Rai, S. and Sharma, A. eds., 2018. Environmental awareness and the role of social media. IGI Global.
- Kokkinen, E., 2013. Measuring environmental awareness in the world (Master's thesis, E. Kokkinen).

Type of Teaching:

2 hours /Theoretical

2 hours /practical

Requirements for Credit Points:**Modules Course Requirements:**

1. Students Attendance in class is important.
2. H.W.
3. Midterm exam.
4. Seminar.
5. Quiz.
6. Class discussion.

Grade Distribution:**The Grade Requirements**

%50 Student Efforts

%50 Final Exam

Workload

Theoretical hours/week		Practical hours/week			
2		2			
ECTS:		Total number of credit hour			
3		81			
Detail					
Type		Number	Time Factor		Total
Theoretical Part	Mid Term Exam (Preparation + Practice)	1	5	Hours	5
	Seminar (Preparation + Practice)	1	1	Hours	1
	Homework (Preparation + Practice)	3	0.5	Hours	1.5
	Quiz (Preparation + Practice)	5	0.25	Hours	1.25
	Attendance (Face to face hours)	14	2	Hours	28
Practical Part	Mid Term Exam (Preparation + Practice)	1	4	Hours	4
	Quiz (Preparation + Practice)	5	0.25	Hours	1.25
	Weekly Reports or H.W. (Preparation + Practice)	6	0.25	Hours	1.5
	Other Activities (Seminar, ...) (Preparation + Practice)	2	0.25	Hours	0.5
	Attendance (Face to face hours)	14	2	Hours	28
Final exam (Preparation + Practical)		1	9	Hours	9
Total Hours					81

ECTS:		Total number of credit hour		Theoretical hours/week	
3		81		2	
Detail					
Type	Number	Time Factor		Total	
Mid Term Exam (Preparation + Practice)	1	15		Hours	15
Seminar (Preparation + Practice)	1	5		Hours	5
Homework (Preparation + Practice)	6	2		Hours	12
Quiz (Preparation + Practice)	6	1		Hours	6
Attendance (Face to face hours)	14	2		Hours	28
Final exam (Preparation + Practice)	1	15		Hours	15
Total Hours					81