



Jordan University of Science and Technology
Faculty of Engineering
Water Diplomacy Department

WD716 Climate Change Diplomacy - JNQF Level: 9

Second Semester 2024-2025

Course Catalog

3 Credit Hours. Climate Change Diplomacy The nexus of climate change and international diplomacy is explored in the course "Climate Change Diplomacy," which covers subjects including the science of climate change, the history of global climate negotiations, and the function of important players like the United Nations. Students will study case studies from various parts of the world while learning about the political and economic implications of climate change. Students will have a thorough awareness of the numerous potential and difficult problems related to climate change diplomacy at the end of the course.

Teaching Method: On Campus

Text Book

Title	The Climate Crisis, An Introductory Guide to Climate Change
Author(s)	?David Archer & Stefan Rahmstorf (2010)
Edition	1st Edition
Short Name	R1
Other Information	Text book

Course References

Short name	Book name	Author(s)	Edition	Other Information
R2	Global Climate Governance	Coen, David; Kreienkamp, Julia and Pegram, Tom (2020)	1st Edition	Reading
R3	The economics, Social and Political Elements of Climate Change	Walter Leal Filho	1st Edition	Reading

Instructor

Name	Prof. Fayez Abdulla
Office Location	C2 L1

Office Hours	
Email	fabdulla@just.edu.jo

Class Schedule & Room
Section 1: Lecture Time: Mon, Wed : 13:30 - 15:00 Room: U

Tentative List of Topics Covered		
Weeks	Topic	References
Week 1	Science of climate change	From R2
Week 2	History of global climate negotiations	From R1
Week 3	The evolution of climate diplomacy and the international climate regime	From R1
Week 4	function of important players like the United Nations	From R1
Weeks 5, 6	Impacts of Climate Change on People and the Environment	From R1
Weeks 7, 8	Responses and Adaptation to Climate Change	From R3
Week 9	case studies from various parts of the world	From R1
Week 10	Understand the history and evolution of climate negotiations under the UNFCCC.	From R2
Week 11	Analyze the structure and key components of the Paris Agreement	From R3
Week 12	Climate Change Action: The Role of Everyone	From R1
Week 13	Climate Change Impact on Water Resources	From R1
Weeks 14, 15, 16	Project Presentation by students	

Mapping of Course Outcomes to Program Outcomes and NQF Outcomes	Course Outcome Weight (Out of 100%)	Assessment method
Students will study case studies from various parts of the world [1L9K2]	20%	
learning about the political and economic implications of climate change [1L9S2]	20%	
Understand the history and evolution of climate negotiations under the UNFCCC [1L9K2]	20%	
awareness of the numerous potential and difficult problems related to climate change diplomacy [1L9K2]	20%	
students will explore potential policies to address climate change [1L9C6]	20%	

Relationship to NQF Outcomes (Out of 100%)		
L9K2	L9S2	L9C6
60	20	20

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