



**Jordan University of Science and Technology**  
**Faculty of Agriculture**  
**Natural Resources & Environment Department**

NR791 Seminar - JNQF Level: 6

First Semester 2023-2024

**Course Catalog**

1 Credit Hours. his graduate seminar explores advanced topics in soil science, hydrology, and environmental science. Emphasis will be placed on understanding the complex interactions between soil, water, and the broader environment. Students will engage in critical discussions, literature reviews, and presentations to enhance their knowledge and research skills.

**Teaching Method:** On Campus

**Instructor**

Name	<b>Prof. Mohammad Alhamad</b>
Office Location	C1L3
Office Hours	Sun : 08:00 - 09:00 Mon : 14:00 - 16:00 Tue : 08:00 - 09:00 Wed : 14:00 - 16:00
Email	malhamad@just.edu.jo

**Class Schedule & Room**

Section 1:  
Lecture Time: Mon : 10:00 - 11:00  
Room: LAB

<b>Mapping of Course Outcomes to Program Outcomes and NQF Outcomes</b>	<b>Course Outcome Weight (Out of 100%)</b>	<b>Assessment method</b>
Students will develop a comprehensive understanding of the fundamental principles in soil science, hydrology, environmental science [1PLO2, 1PLO4, 1PLO9] [1L6K2, 1L6C4]	35%	oral presentation

Students will acquire and demonstrate research skills by critically analyzing literature, designing and conducting research projects, and effectively presenting their findings to a scholarly audience. [1PLO4, 1PLO9] [1L6S2]	30%	oral presentation
Students will integrate knowledge across disciplines to understand the interactions between soil, water, and the broader environment, and assessing environmental impact with a focus on sustainability. [1PLO2, 1PLO4] [1L6C5]	35%	oral presentation

Relationship to Program Student Outcomes (Out of 100%)								
PLO1	PLO2	PLO3	PLO4	PLO5	PLO6	PLO7	PLO8	PLO9
	29.17		44.17					26.67

Relationship to NQF Outcomes (Out of 100%)			
L6K2	L6S2	L6C4	L6C5
17.5	30	17.5	35

Evaluation	
Assessment Tool	Weight
oral presentation	100%

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