



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

NR333 Soil Conservation And Land Management

First Semester 2020-2021

Course Catalog

3 Credit Hours. Basic concepts in soil conservation and land management. Causes of soil erosion and methods of minimizing soil erosion. Soil fertility and its improvement. Revegetation. (Prerequisite: NR 202)

Text Book

Title	Soil and Water Conservation
Author(s)	Troeh, Hobbs, and Donahue
Edition	2nd Edition
Short Name	Ref #1
Other Information	1999. Prentice Hall. Englewood Cliffs, NJ.

Course References

Short name	Book name	Author(s)	Edition	Other Information
Ref #2	Soil Conservation	Norman Hudson	1st Edition	1995. England

Instructor

Name	Dr. Ammar Albalasmeh
Office Location	C1L2
Office Hours	Sun : 12:30 - 14:30 Mon : 11:00 - 12:00 Tue : 12:30 - 13:30 Wed : 11:00 - 13:00
Email	aalbalasmeh@just.edu.jo

Class Schedule & Room

Section 1:

Lecture Time: Mon, Wed : 13:00 - 14:30

Room: منصة الكترونية

Tentative List of Topics Covered

Weeks	Topic	References
Week 1	Soil as Natural Resource	
Week 2	Basic concepts in soil conservation	
Weeks 3, 4	Factors which influence Soil Erosion	
Weeks 5, 6	Predicting Soil Loss soil loss equation	
Week 7	Soil Loss Models	
Weeks 8, 9	Wind Erosion	
Weeks 10, 11, 12	Erosion Control Practices	
Weeks 12, 13, 14	Soil Resource Demands and Policy	
Weeks 15, 16	Review of land management practices	

Relationship to Program Student Outcomes (Out of 100%)

PLO1	PLO2	PLO3	PLO4	PLO5	PLO6	PLO7	PLO8	PLO9

Policy

Exams	All exams are closed book and notes. The final exam is comprehensive (covers all the material). Incomplete exams need approval from the department head/dean. The exams will include a variety of questions including computational and short answer questions.
Cheating	Prohibited; and in case of cheating the student will be subject to punishment according to the Jordan University of Science and Technology regulations.
Attendance	Mandatory according to the Jordan University of Science and Technology policy.
Participation	Participation in class discussions and activities is expected.

Date Printed: 2020-12-10