

Planning and Quality Assurance Affairs

Form (A)

Course Specifications

General Information

Course name	Soil Science
Course number	GEOL2335
Faculty	
Department	
Course type	Major Needs
Course level	2
Credit hours (theoretical)	2
Credit hours (practical)	1
Course Prerequisites	

Course Objectives

1 - The course objectives are definition and concepts of the soil, study the characteristics of the soil body, soil water and its genesis

Course Contents

1 - The course contents include the following items: 1) Introduction to Soil Science. 2) Soil Physical Properties 3) Soil Water 4) Soil Erosion 5) Soil Mineralogy 6) Soil Genesis 7) Soil of Palestine

Teaching and Learning Methods

1 - Explanation the theory of the course - field work and collecting data - experimental labs - discussion and exercises
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Teaching and Learning Methods for the Disabled Students

1 - Explanation and discussion with presentation devices
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Students Assessment

<u>Assessment Method</u>	<u>TIME</u>	<u>MARKS</u>
First term exam	In seventh week	10
Second term exam	Eleventh week	10
Assignments	During the course time	10
Final practical exam	In fourteenth week	20
Final term exam	In sixteenth week	50

Books and References

Essential books	Henry D. Foth, (1990). Fundamentals of Soil Science, (Eighth Edition). John Wiley & Sons
Recommended books	<ul style="list-style-type: none">- White, R.E. (1987). Introduction to the Principles and Practice of Soil Science (Second Edition). Blackwell Scientific Publication, London- Birkeland, P.W. (1999). Soil and Geomorphology (Third Edition). Oxford University Press