

Planning and Quality Assurance Affairs

Form (A)

**Course Specifications**

**General Information**

<b>Course name</b>	Environmental Sciences
<b>Course number</b>	GEOL3203
<b>Faculty</b>	
<b>Department</b>	
<b>Course type</b>	UNIV Needs
<b>Course level</b>	3
<b>Credit hours (theoretical)</b>	2
<b>Credit hours (practical)</b>	0
<b>Course Prerequisites</b>	

**Course Objectives**

1 - The main aim of the course is to classify the components of the environment and its elements and effects (pollution) that affect the ecological balance.
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**Intended Learning Outcomes**

<b>Knowledge and Understanding</b>	* In this course the students can find out the environment and its elements and components, environmental balance, energy flow in the environment, the environmental envelops, and biogeochemical cycles affecting the ecological balance. As well as local and global pollution issues that lead to ecosystem degradation and the impact of pollution issues on human health. In addition the environmental of Palestine.
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**Course Contents**

1 - Introduction to Environment and Ecology (1)
2 - Outline of earth envelops (2)
3 - Natural biogeochemical cycles in the environment (3)
4 - Environmental pollution (4)
5 - Human health and the environment (5)
6 - The environment of Palestine (6)

**Teaching and Learning Methods**

1 - Lectures presentation by Power Point Projector
2 - Shore research report on the subject of pollution topic

**Students Assessment**

<u>Assessment Method</u>	<u>TIME</u>	<u>MARKS</u>
Attendance and participation + short report and search on the subject of pollution + Final Exam		Attendance (10 marks) + report (10 marks) + Final Exam (80 marks)

## Books and References

Course note

Lecture notes

## Knowledge and Skills Matrix

Main Course Contents	Study Week	Knowledge and Understanding	Intellectual Skills	Professional Skills	General Skill
(1) (Introduction to Environment and Ecology	first and second				
(2)Outline of earth envelops	Third and fourth				
(3)Natural biogeochemical cycles in the environment	Fifth and sixth				
(4)Environmental pollution	Seventh, eighth, ninth and tenth				
(5)Human health and the environment	Eleventh, twelfth, and thirteenth				
(6)The environment of Palestine	Fourteenth and fifteenth				