

Planning and Quality Assurance Affairs

Form (A)

Course Specifications

General Information

Course name	Climate Geography
Course number	GEOG2309
Faculty	
Department	
Course type	Major Needs
Course level	2
Credit hours (theoretical)	3
Credit hours (practical)	0
Course Prerequisites	

Course Objectives

- 1 - 1- Study branches of climatology and the importance of each branch 2- Study meteorology and its types and their role in climate geographical study * 3- The study of climate elements (characteristics - distribution - applied aspects) and the factors influencing them in both of them. In the world. 4- Study climatic regions

Intended Learning Outcomes

Knowledge and Understanding	* – To find data base includes subjects in climate of geography 2-The student to know the weather stations and meteorological devices . 3-The students knowledge of the relationship between climatic elements and their Relationship to the natural environment elements. 4-Student to apply some statistical transactions in the field of climate.
Intellectual Skills	* 1- Recognize the student to some Koranic verses dealt with the phenomena of weather and climate 2- Student understanding and mutual relations between the climatic factors and human 3-The student concludes the contrast between the climatic elements in different parts of the world. 4-The student understands the dynamic movement of the components of the atmosphere
Professional Skills	* 1-The student should be able to draw illustrations of climate, weather and the distribution of elements on the world map. 2- The student should be able to transfer some of the units of measure climatic elements
General Skill	* 1-The student explains the map of weather , climate and relevance 2-Student estimated meteorological and climatic data value 3-The student evaluates the value of some gases in the layers of the atmosphere and its importance

Course Contents

- 1 - This course examines by its theoretical and practical sites atmosphere movement: its causes and its laws and elements of the climate and its definition, importance and how to calculate it. It also examines the general air circulation and cell constituent, then climatic , experimental, fundamentalism divisions and balancing water of the soil and its importance and how to calculate it

Students Assessment

<u>Assessment Method</u>	<u>TIME</u>	<u>MARKS</u>
mid term Exam.		
	mid term Exam.: mid. term	
		– mid term Exam.: 30 marks
Students attendance and absence.		
	Students attendance and absence.: End term 3 – Activities and fast researches.: mid term	
		Students attendance and absence.: 5 marks. 3 – Activities and fast researches.: 5 marks
Final Exam.		
	Final Exam.: End term	
		Final Exam.: 60 marks

Books and References

Essential books	Prof. Dr.: Noman Shehadeh: Climate Geography (climate) science Emirates, Dubai Dar Pen - 0.1988. Prof. Dr.: Moses: the basics of climate science, Dar thought - Damascus.
Recommended books	-msaad Safety Massad Mandour (2009) Climate geography and meteorology, Al-Shaqri library, Riyadh -jodh Hassanein quality (2000): Climate and geography vital with the application on the climate of the continents of Europe, Asia and Africa and the Arab world plant, Dar knowledge University, Alexandria. -Good Ahmed Aboul eyes (1988): Origins climatic geography, culture institution university Abd Aziz ridden honor (d. T.): geography, climate, knowledge facility, Alexandria. Abd Kader Abdul Aziz Ali (2001): weather and climate and Almithorologio- study