



وكالة الجامعة للشؤون التعليمية
إدارة البرامج الدراسية والتطوير

(5)

مختصر توصيف

الطبية والاقتصادية

(Course Syllabus)

Economic and medical plant

النبات الطبية والاقتصادية	:
BIOL-425	:
-	:
-	:
7th	:
2	:
Course Information:	
Module Title:	Medicinal & Economic plants
Module ID:	BIOL-425
Prerequisite (Co-requisite) :	-
Co-requisite :	-
Course Level:	7 th
Credit Hours:	2

:

Module Description:

This course deals with the studying of economic plants and industrial and economic importance of these associated plants and identify plants that contain chemicals and natural and medical significance of some plants in KSA and the importance of these plants in the life of the vehicles man and in the industry and study of natural chemical compounds in the aromatic plants and how to draw each of these compounds from natural chemical plants, as well as how to keep them from being damaged

Module Aims:

1	Introduction to the study of historical farmed and wild plants
2	The division of economic plants such as fiber plants, oil and aromatic and medicinal and nutritional importance of plants.
3	The importance of plants in human life and its importance in the industry
4	The economic and medical importance of plant products
5	Study of natural chemical compounds in medicinal and aromatic plants
6	Study how to extract natural chemical compounds from plants, as well as how to keep them from being damaged

Learning Outcomes:

1	Students can learn how to extract chemical compounds from plants
2	Recognize the benefits of medical and aromatic plants
3	It distinguishes between Algulwdah and Alglicosidih vehicles
4	Know the anatomical structure and kinds of fiber, wood, leaves and acid number and saponification number and detect sugars and sugars biodegradable and degradable starch and ethanol and lactic fermentation and Hebron
5	Illustrate the diversity, economic importance and ecosystem structure of economic, medicinal and drug plants and their positive impacts on human health.

Course Contents:

(Subjects)	(Hours)	(Weeks)
Introduction to the history of medicinal and economic plants and the importance of these plants in human life	2	1
Importance of plants and plant products Role of plant in enhancing the national economy	2	1
Woods, wood products and paper product	2	1
Rubber, latex, gums and resins	2	1
Fibers, dyes and Tannins	2	1
Oils and waxes	2	1
Herbs, spices, essential oils, perfumes and fragrances	2	1
Cereals, Legumes and nuts	2	1
Vegetable plants and Fruits	2	1
Beverage plants	2	1
Medicinal and drug plants	2	1
Psychoactive plants: fumitories and masticatories	2	1
Genetically modified plants – 2 plants of the future	2	1

Textbook and References:

ISBN	Publishing Year	Publisher	Author's Name	Textbook title
	2000	الدار العربية للنشر و التوزيع - القاهرة		ب الطبية
	Publishing Year	Publisher	Author's Name	Reference
978- 1107112940	2016	Cambridge University Press; 5 edition	S. L. Kochhar	Economic Botany: A Comprehensive Study 5th Edition

