



College of Science

Botany & Microbiology Department

441 BOT Economic Botany Syllabus

Course Main Objective

- Knowledge and understanding the concept of Economic botany and plants of economic importance and products.
- Skills of collecting information about plants of economic importance and products.
- Skills of solving problems through investigation and reporting project work.
- Ability of practicing self e-learning and cope with positive and negative criticism.

Course Contents

No.	List of Topics	Contact Hours
1	Concept of economic botany, importance and products – Cell contents	2
2	Fibers plants	2
3	wood Plants	2
4	Tannins and dyes plants	2
5	Vegetable milk (latex)	2
6	Gums and Resins	2
7	First Med-Term Exam	2
8	Aromatic oils	2
9	Essential oils (Fats –Wax)-	2
10	Carbohydrates Plants	2
11	Medicinal Plants	2
12	Fodder and forage Plants	2
13	Revision	2
14	2nd Med-Term Exam	2
15	Final Exam	2

Assessments

First Exam	Second exam	St. activities e.g. Home work, Assignments, Reports, Presentation, attendance...etc	Final	Total
15 %	15 %	30	40	100

Learning Resources:

- 1- Shaltout, K., El-sheikh, M., Bafale, S. (2018). Economic Botany (in Arabic). Alandalus House Bookshop. Hail.
- 2- Kochhar, S. I. (2016).. Economic Botany: A comprehensive Study. 5th ed. Cambridge University Press