

قسم تقنيات النباتات الطبية والنواتج الطبيعية/ مفردات المنهج

المرحلة الأولى

الفصل الدراسي الأول

نبات طبية نظري نباتات طبية نظري

Delivery Plan (Weekly Syllabus)	
Week	Material Covered
Week 1	Medicinal plants and herbs, economic importance, benefits and uses
Week 2	Genetic origins of medicinal plants, production and cultivation of medicinal plants
Week 3	Used parts of medicinal plants, their types and methods of use
Week 4	Medicinal and aromatic plants, economic importance, methods of reproduction
Week 5	Methods of marketing medicinal plants
Week 6	Collecting medicinal plants, the effect of the collection date on the effectiveness of medicinal plants
Week 7	Methods of drying and storing medicinal plants, the effect of the storage process on the active ingredients
Week 8	Active substances in medicinal plants, active ingredients
Week 9	Using methods of extraction and separation of active substances
Week 10	Pharmacological effects and how they are synthesized within the plant
Week 11	Propagation of medicinal plants using tissue culture technology
Week 12	Oils extracted from medicinal plants, their types, and how to use them
Week 13	Juices extracted from medicinal plants, their types, and how to use them
Week 14	Medicinal herbal ointments, their types, how to use them
Week 15	A visit to a medical herbarium to learn about the existing species and their characteristics
Week 16	final Exam

نباتات طبية عملي

Delivery Plan (Weekly Lab. Syllabus)

week	Material Covered
Week 1	Visit the medicinal plants laboratory and learn about dried medicinal and aromatic plants
Week 2	Classification of medicinal plants, scientific names, local names
Week 3	Methods of collecting medicinal plants in the field
Week 4	Methods of cleaning and drying medicinal plants and storing them in the laboratory
Week 5	Methods of preserving medicinal plants and their parts
Week 6	Practical marketing of medicinal plants
Week 7	Cultivation of some medicinal plants in the laboratory, cumin, basil, anise
Week 8	Identify the fruits of nutmeg, dandelion, cloves, ginger
Week 9	Prepare medicinal herbal syrup from chamomile, hibiscus, anise
Week 10	Extracting oils from cloves, black seed, nutmeg, and safflower
Week 11	A visit to one of the factories for extracting oils and ointments from medicinal plants
Week 12	Identifying aromatic plants in the field and laboratory
Week 13	Jasmine plant, botanical description, method of cultivation and reproduction
Week 14	Processing the jasmine plant and extracting fragrance from it
Week 15	Visit specialized herbalists in local markets
Week 16	Exam