

## Planning and Quality Assurance Affairs

Form (A)

### Course Specifications

#### General Information

Course name	Plant Taxonomy
Course number	BIOL3222
Faculty	
Department	
Course type	Major Needs
Course level	3
Credit hours (theoretical)	2
Credit hours (practical)	0
Course Prerequisites	

#### Course Objectives

- 1 - study the methods of plant Kingdom classification
- 2 - To distinguish between flower plants , non-flower plants and the divisions of plant thallus .
- 3 - study spermatophyte, Gymnospermae & angiospermae
- 4 - Training on the flower perimeters & perianth and flowering low . The cymose & racemose inflorescence
- 5 - study pollination & fertilization
- 6 - , Fruits classification and allover study for plant families .

#### Course Contents

- 1 - Introduction to plant systematic
- 2 - methods of plant Kingdom classification
- 3 - flower plants
- 4 - non-flower plants
- 5 - division of plant thallus
- 6 - spermatophyte
- 7 - Gymnospermae, and the flower perimeters
- 8 - Flower perianth
- 9 - Flowering low & applications
- 10 - Flowering low & applications
- 11 - Pollination & fertilization
- 12 - 15-Allover study for plant families

#### Teaching and Learning Methods

- 1 - lectures
- 2 - Discussion
- 3 - presentations

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**Students Assessment**

<u>Assessment Method</u>	<u>TIME</u>	<u>MARKS</u>
First hour exam		20
Second hour exam		20
presentitions		10
Final exam		50

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**Books and References**

Course note	Bradley C. Bennett, PhD, and Michael J. Balick, ( 2008 ) Plant Taxonomy for Preclinical and Clinical Medicinal Plant Researchers
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