هيئة تقويم التعليم والتدريب
Education & Training Evaluation Commission

Course Specifications

Course Title:	**Plant Kingdom**
Course Code:	**2012205-3**
Program:	**Bachelor in General Biology**
Department:	**Biology Department**
College:	**College of Sciences**
Institution:	**Taif University**

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A. Course Identification

1. Credit hours:	3 hr
2. Course type	
a.	University ☐ College ☐ Department ☑ Others ☐
b.	Required ☑ Elective ☐
3. Level/year at which this course is offered:	6th Level / 2nd year
4. Pre-requisites for this course (if any)**:**	General Botany 2012103-3
5. Co-requisites for this course (if any)**:**	None

6. Mode of Instruction (mark all that apply)

No	Mode of Instruction	Contact Hours	Percentage
1	**Traditional classroom**	6 hr/Week	100%
2	**Blended**	-	-
3	**E-learning**	-	-
4	**Distance learning**	-	-
5	**Other**	-	-

7. Contact Hours (based on academic semester)

No	Activity	Contact Hours
1	**Lecture**	30
2	**Laboratory/Studio**	20
3	**Tutorial**	-
4	**Others** (specify)	-
	Total	50

B. Course Objectives and Learning Outcomes

1. Course Description:

The course includes the characteristics of living organisms, systems of classifying living organisms, kingdom Prokaryota including bacteria and cyanobacteria, kingdom Mycota (fungi), kingdom Protista (algae) and Kingdom Planta including bryophyte, pteridophyta, gymnospermae and angiospermae. The course focuses on some examples for each kingdom including the general description, reproduction methods and life cycles.

2. Course Main Objective:

The main objectives of the present course are to understand the basic principles for classifying living organisms and recognize the major groups of the plant kingdom. It also aims to describe some examples of each group including their morphology, reproduction and life cycles.

3. Course Learning Outcomes

	CLOs	Aligned PLOs
1	**Knowledge and Understanding:**	
1.1	Classify different plants according to their external and internal	K2

CLOs		Aligned PLOs
	characteristics.	
2	**Skills:**	
2.1	Distinguish between various groups of organisms in the plant kingdom.	S1
2.2	Utilize concepts and basics of plant taxonomy and morphology in economic, social and environmental contexts.	S3
3	**Values:**	
3.1	Develop plans to perform specific tasks independently and as a team member.	V1
3.2	Assess own presentation and linguistic performance to discuss advanced scientific topics.	V3

C. Course Content

No	List of Topics	Contact Hours
1	Introduction and general characters of living organisms Plant systematic and different systems of classifications	3L+2P
2	General characteristics of bacteria and reproduction methods	3L+2P
3	General characteristics of cyanobacteria and studying some genera	3L+2P
4	The general structure of fungi and studying some genera	3L+2P
5	General characteristics of the kingdom protista (algae) and studying some genera	3L+2P
6	General characteristics of bryophytes and studying some genera	3L+2P
7	General characteristics of pteridopytes and studying some genera	3L+2P
8	General characteristics of gymnosperms and studying some genera	3L+2P
9	General characteristics of angiosperms and their classification	3L+2P
10	General Revision	3L+2P
Total		30L+20P

D. Teaching and Assessment

1. Alignment of Course Learning Outcomes with Teaching Strategies and Assessment Methods

Code	Course Learning Outcomes	Teaching Strategies	Assessment Methods
1.0	**Knowledge and Understanding:**		
1.1	Classify different plants according to their external and internal characteristics.	Lectures Concept maps	Paper-based exams
2.0	**Skills:**		
2.1	Distinguish between various groups of organisms in the plant kingdom.	Lectures Open discussion	Paper-based exams Practical exam
2.2	Utilize concepts and basics of plant taxonomy and morphology in economic, social and environmental contexts.	Cooperative learning Brain storming	Practical reports Practical exam
3.0	**Values:**		
3.1	Develop plans to perform specific	Interactive learning	Activities Evaluation

Code	Course Learning Outcomes	Teaching Strategies	Assessment Methods
	tasks independently and as a team member.	Small group activities	
3.2	Assess own presentation and linguistic performance to discuss advanced scientific topics.	Interactive learning Small group activities	Activities Evaluation

2. Assessment Tasks for Students

#	Assessment task*	Week Due	Percentage of Total Assessment Score
1	Midterm Exam	5th	20%
2	Semester Activities	Periodic	10%
3	Practical Reports	Weekly	20%
4	Final Practical Exam	11th	10%
5	Final Exam	12th	40%
Total			**100%**

***Assessment task** (i.e., written test, oral test, oral presentation, group project, essay, etc.)

E. Student Academic Counseling and Support

Arrangements for availability of faculty and teaching staff for individual student consultations and academic advice:

6 hours per week (as defined in the teaching schedule of the faculty member) for academic advice and consultations.
Teaching staff is also available using Blackboard web site and Taif University "Edugate" System.

F. Learning Resources and Facilities

1. Learning Resources

Required Textbooks	Stern, Kinsley Rowland (2000): Introductory Plant Biology, 8th Edition, McGrow-Hill Companies. Inc.
Essential References Materials	مقدمة علم تقسيم النبات: محمد عثمان ومحمد سليمان وأم كلثوم خطاب وهدى الهنداوى (٢٠٠٠). مطابع الولاء الحديثة شبين الكوم، جمهورية مصر العربية
Electronic Materials	Blackboard website Website of Saudi digital Library
Other Learning Materials	Digital programs and professional software.

2. Facilities Required

Item	Resources
Accommodation (Classrooms, laboratories, demonstration rooms/labs, etc.)	- Classrooms for 40 students\lecture. - Laboratory for 20 students\ lab activity
Technology Resources (AV, data show, Smart Board, software, etc.)	- Data show projector

Item	Resources
Other Resources (Specify, e.g. if specific laboratory equipment is required, list requirements or attach a list)	- Preserved specimens

G. Course Quality Evaluation

Evaluation Areas/Issues	Evaluators	Evaluation Methods
Effectiveness of teaching and assessment	Students	Indirect
Quality of learning resources	Peer Reviewer Students	Direct Indirect
Extent of achieving the course learning outcomes	Peer Reviewer Students	Direct Indirect

Evaluation areas (e.g., Effectiveness of teaching and assessment, Extent of achievement of course learning outcomes, Quality of learning resources, etc.)
Evaluators (Students, Faculty, Program Leaders, Peer Reviewer, Others (specify)
Assessment Methods (Direct, Indirect)

H. Specification Approval Data

Council / Committee	**Biology Department**
Reference No.	**Committee number 14 - Academic Year 1442-1443H**
Date	**22\5\2022G – 21\10\1443H**

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