



Course specifications

(Postgraduate Degree)

Course Title:	Special topics
Course Code:	BOT 691
Program:	Ph.D (Botany & Microbiology)
Department:	Botany and Microbiology
College:	Science
Institution:	King Saud University

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A. Course Identification

1. Credit hours: 2 (1+1)
2. Course type <input type="checkbox"/> Required <input checked="" type="checkbox"/> Elective
3. Level/year at which this course is offered: Third level
4. Pre-requisites for this course (if any): None
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	2	14.2%
2	Blended	2	14.2%
3	E-learning	4	28.6%
4	Correspondence	4	28.6%
5	Other	2	14.2%

7. Actual Learning Hours (based on academic semester)

No	Activity	Learning Hours
Contact Hours		
1	Lecture	4
2	Laboratory/Studio	
3	Seminars	8
4	Others (specify)	2
	Total	14
Other Learning Hours*		
1	Study	2
2	Assignments	2
3	Library	2
4	Projects/Research Essays/Theses	4
5	Others (specify)	
	Total	10

* The length of time that a learner takes to complete learning activities that lead to achievement of course learning outcomes, such as study time, homework assignments, projects, preparing presentations, library times

B. Course Objectives and Learning Outcomes

1. Course Description
<ul style="list-style-type: none"> - Giving the student an in-depth study on one or more topics of botany and focusing on the latest developments. - Giving the students methods of search for scientific information and writing reports.

2. Course Main Objective

The Special Topics in Botany assignment will take the form of a research paper presentation and a written report on this topic.

Full knowledge of selected topics in the botany field.

3. Course Learning Outcomes

Course Learning Outcomes (CLOs)		Aligned PLOs*
1	Knowledge	
1.1	Ability to choose an important and recent topic in the field of Botany	K1
1.2	Ability of reading and critically evaluate relevant scientific literature in the specific topic area.	K3
2	Skills	
2.1	Ability of discuss the relationship of a specialized area of public administration to the broader context of the field and to their own research interests.	S2
2.2	Ability of communicate research concepts and contexts clearly and effectively both in writing and orally.	S3
2.3	Ability to make search on scientific subjects	S5
2.4	Ability of summarize current research and critically review the literature pertaining to a research project.	S6
3	Competence	
3.1	Ability to express opinions and criticize peers	V1
3.2	Ability to bear responsibility and cope with positive and negative criticism from others	V2

* Program Learning Outcomes

C. Course Content

No	List of Topics	Contact Hours
1	Methods of gathering information	2
2	Design scientific experiment	2
3	How to write a report	2
4	Discussions	2
5	Giving a presentation about the chosen topic	2
...	Final exam	
Total		

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	Knowledge		
1.1	Ability to choose an important and recent topic in the field of botany	Lectures	Exams, thematic reports and work assignments evaluation

Code	Course Learning Outcomes	Teaching Strategies	Assessment Methods
1.2	Ability of reading and critically evaluate relevant scientific literature in the specific topic area.	Lectures	Evaluation of activities
2	Skills		
2.1	Ability of discuss the relationship of a specialized area of public administration to the broader context of the field and to their own research interests.	Library and internet search	Evaluation of activities
2.2	Ability of communicate research concepts and contexts clearly and effectively both in writing and orally.	Team work studies and reporting	Evaluation of activities
2.3	Ability to make search on scientific subjects	Team work studies and reporting	Evaluation of activities
2.4	Ability of summarize current research and critically review the literature pertaining to a research project.	Team work studies and reporting	Evaluation of activities
3	Competence		
3.1	Ability to express opinions and criticize peers	Student group debates and discussions	Peer and instructor evaluation
3.2	Ability to bear responsibility and cope with positive and negative criticism from others	Student group debates and discussions	Peer and instructor evaluation

2. Assessment Tasks for Students

#	Assessment task*	Week Due	Percentage of Total Assessment Score
1	Data Collection	1 st -8 th	30%
2	Analysis of Data	6 th - 9 th	30%
3	Development of plan of action	9 th - 12 th	20%
4	Presentation of plan	14 th	20%

*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:

- In addition to class lectures time, faculty members assign minimum 10 hours per week for student consultations and academic advice. The consultation time is mentioned in the Faculty Time Table and is display on the faculty member's office door.
- E-mail communications

F. Learning Resources and Facilities

1. Learning Resources

Required Textbooks	King Saud University Seminar, Thesis, Dissertation Book. 2016
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Essential Reference Materials	
Electronic Materials	<ul style="list-style-type: none"> • www.endnote.com • Scholar.google.com • Public Library of Science • Medline • PubMed
Other Learning Materials	

2. Educational and research Facilities and Equipment Required

Item	Resources
Accommodation (Classrooms, laboratories, demonstration rooms/labs, etc.)	Available
Technology Resources (AV, data show, Smart Board, software, etc.)	Available
Other Resources (Specify, e.g. if specific laboratory equipment is required, list requirements or attach a list)	Available

G. Course Quality Evaluation

Evaluation Areas/Issues	Evaluators	Evaluation Methods
1.1 Effectiveness of teaching and assessment	Students	indirect
	Peer reviewer	direct
2. Extent of achievement of course learning outcomes	Students	indirect
	Program leaders	direct
	Faculty	direct
3. Quality of learning resources	Faculty	direct

Evaluation Areas/Issues (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	
Reference No.	
Date	Tuesday, December 6, 2022