



Course Specification

— (Postgraduate Programs) عبد المحسن بن أبي طالب عز الدين بن عبد الله بن رستم الناصر

Course Title: Field Training Course

Course Code: Bio-6324

Program: Master of Science in Applied Biology (Biodiversity, Wildlife Conservation & Management)

Department: Biology عبد المحسن بن أبي طالب عز الدين بن عبد الله بن رستم الناصر

College: Science

Institution: Imam Mohammad Ibn Saud Islamic University

Version: 1

Last Revision Date: Pick Revision Date.

عبد المحسن بن أبي طالب عز الدين بن عبد الله بن رستم الناصر



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A. General information about the course:

1. Course Identification:

1. Credit hours: 2(Lecture 0+ Field 4)

2. Course type

A. ☐ University ☐ College ☐ Department ☒ Track
B. ☒ Required ☐ Elective

3. Level/year at which this course is offered: (Level 3 / second year)

4. Course General Description:

The student trainee field activities in specialization, including practical application of a number of key tasks studied in the program; including individual acts and the other within the working groups to develop the ability to work within the group and carry entrusted to him in the area of specialization.

The following activities carried out by the student.

- Compliance with the rules and regulations of the Field training.
- Send required forms in a timely manner.
- Coordination with the supervisor.
- Writing the final report on the training and submit it.

Presentation and discussion of the final report.

5. Pre-requirements for this course (if any):

Field survey design

6. Pre-requirements for this course (if any):

None

7. Course Main Objective(s):

Main Objective(s) for Field training course in Domains of Applied Biology (Biodiversity, Wildlife Conservation & Management)

- Linking theoretical study with the practical reality in the specialty of Applied Biology (Biodiversity, Wildlife Conservation & Management)
- Provide students with practical experience.
- Skills to communicate with others and listen to their opinions and discussion.
- Gain the skill of writing reports.
- Help the students to take responsibility.
- Provide the companies / institutions a distinctive cadre in order to employ them after graduation.

-Make the students capable of applying several skills taught in the program on realistic situations in the field of Applied Biology (Biodiversity, Wildlife Conservation & Management)

2. Teaching Mode: (mark all that apply)

No	Mode of Instruction	Contact Hours	Percentage
1	• Traditional classroom	√	100%
2	E-learning	-	-
3	Hybrid • Traditional classroom • E-learning	-	-
4	Distance learning	-	-

3. Contact Hours: (based on the academic semester)

No	Activity	Contact Hours
1.	Lectures	-
2.	Laboratory/Studio	-
3.	Field	60
4.	Tutorial	-
5.	Others (specify).....	-
	Total	60

B. Course Learning Outcomes (CLOs), Teaching Strategies and Assessment Methods:

Code	Course Learning Outcomes	Code of CLOs aligned with program	Teaching Strategies	Assessment Methods
1.0	Knowledge and understanding			
1.1	Broaden students' understanding in their field of specialty.	K1-K2	-Lectures -Class participation	-Class participation -Assessment of assigned work



Code	Course Learning Outcomes	Code of CLOs aligned with program	Teaching Strategies	Assessment Methods
1.2	Translation of information obtained and used in the development of new ideas and strategies based on available data and information.	K1-K2	- Workshops -Class participation -Practical activities	-Class participation -Assessment of assigned work
1.3				
2.0				
2.1	Enable the students to apply a number of the skills taught in the program on realistic situations in the field of Applied Biology (Biodiversity, Wildlife Conservation & Management)	S1-S2-S3	-Preparing training report, which measures the skills acquired through training	-Classroom participation -Presentations
2.2				
3.0	Values, autonomy, and responsibility			
3.1	Demonstrate awareness and understanding of the ethical, health and safety aspects of their Field training	V1- V2-V3	-Preparing training report, which measures the skills acquired through training	-Classroom participation -Presentations --Supervisor opinion
3.2				

C. Course Content:

No	List of Topics	Contact Hours
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1.	Orientation and Safety Procedures: Overview of fieldwork ethics and responsible research practices, and safety guidelines.	4
2.	Introduction to ecology and biodiversity sciences and conservation.	4
3.	Field Sampling Techniques: Training in various sampling methods for collecting biological specimens, Emphasis on proper collection, preservation, and documentation.	7
4.	Data Collection and Analysis: Introduction to field data collection tools and techniques, Basic statistical analysis methods for field data interpretation.	7
5.	LAB / Field Work-Terrestrial ecology (desert) and biodiversity- data collection and report preparation.	7
6.	LAB / Field Work -Terrestrial ecology (Forests) and biodiversity- data collection and report preparation.	7
7.	LAB / Field Work -Terrestrial ecology (mountains) and biodiversity- data collection and report preparation.	7
8.	LAB / Field Work -wetland ecology and biodiversity - data collection and report preparation.	7
9.	LAB / Field Work - coast ecology and biodiversity - data collection and report preparation.	6
10.	Presentation and discussion.	4
Total		60

D. Students Assessment Activities:

No	Assessment Activities *	Assessment timing (in week no)	Percentage of Total Assessment Score
1.	Completion of required tasks, assignments, reports	5 th week	20 %
2.	Completion of required tasks, assignments, reports	10 th week	20%
3.	Quizzes, Participation, attendance	Throughout the course duration	20%
4.	Final Presentation and discussion	16 th week	40 %

*Assessment Activities (i.e., Written test, oral test, oral presentation, group project, essay, etc.)

E. Learning Resources and Facilities:

1. References and Learning Resources:

Essential References

	Henderson, P. A. (2003). Practical Methods in Ecology. John Wiley and Sons Ltd.
Supportive References	
Electronic Materials	
Other Learning Materials	

2. Educational and Research Facilities and Equipment Required:

Items	Resources
facilities (Classrooms, laboratories, exhibition rooms, simulation rooms, etc.)	Classroom, laboratories
Technology equipment (Projector, smart board, software)	Projector and Smartboard
Other equipment (Depending on the nature of the specialty)	

F. Assessment of Course Quality:

Assessment Areas/Issues	Assessor	Assessment Methods
Effectiveness of teaching	Students	Indirect
Effectiveness of students assessment	Program Leaders	Direct
Quality of learning resources	Peer Reviewer	Direct
The extent to which CLOs have been achieved	Program Leaders	Direct
Other		

Assessor (Students, Faculty, Program Leaders, Peer Reviewer, Others (specify))

Assessment Methods (Direct, Indirect)

G. Specification Approval Data:

-	BIOLOGY DEPARTMENT COUNCIL
REFERENCE NO.	23
DATE	23/8/1445