



Field Experience Specification

(Bachelor)

Course Title: Summer Training

Course Code: BIOL 473

Program: Biology

Department: Biology Department

College: College of Sciences

Institution: Majmaah University

Field Experience Version Number: 4th

Last Revision Date: 29/12/2023



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A. Field Experience Details:

1. Credit hours: 1 (0+1) Hour

2. Level/year at which Field Experience is offered: (Level 6) 3rd year.

3. Time allocated for Field Experience activities

(15)Weeks

(15) Days

(30)Hours

4. Corequisite (or prerequisites, if any) to join Field Experience

BIOL 361

5. Mode of delivery

In-person/onsite

hybrid (onsite/online) - NO

Online – NO

Total Workload 45

Equivalent to ECTS credits points 1.5

B. Field Experience Course Learning Outcomes (CLOs), Training Activities and Assessment Methods

Code	Learning Outcomes	Aligned PLO Code	Training Activities	Assessment Methods	Assessment Responsibility
1.0	Knowledge and understanding				
1.3	To recognize the principles and procedures in real-life work, to get the work experience and confidence.	K3	Lab work/ Field	Final reports at the end of each chapter & assessment form (field supervisor), attendance	Field supervisor
2.0					
2.3	Explain the functions of different biological systems and their applications.	S3	Lab work/ Field	Final reports at the end of each chapter & assessment form (field supervisor), attendance	Field supervisor
2.4	Differentiate between different lab techniques in the biological samples.	S4	Lab work/ Field	Final reports at the end of each chapter & assessment form (field supervisor), attendance	Field supervisor



Code	Learning Outcomes	Aligned PLO Code	Training Activities	Assessment Methods	Assessment Responsibility
3.0	Values, autonomy, and responsibility				
3.2	Organize the collected information's and give presentation	V2	Group discussion	Oral presentation	Field supervisor & Course Instructor

*Assessment methods (i.e., practical test, field report, oral test, presentation, group project, essay, etc.).



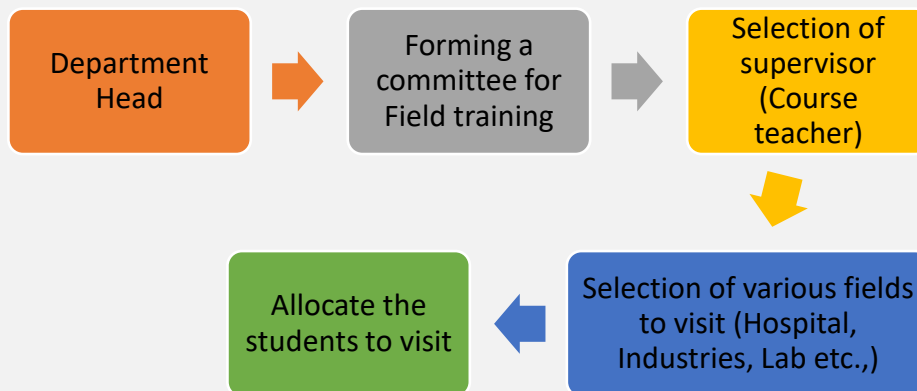
C. Field Experience Administration

1. Field Experience Flowchart for Responsibility

Including units, departments, and committees responsible for field experience identifying by the interrelations.

Field experience flowchart is given below

Department and Committee's responsibility:



Students Responsibilities

Training	<ul style="list-style-type: none"> • Students performing field training
Report	<ul style="list-style-type: none"> • Attending the field training regularly • Gain the knowledge and preparing the report
Presentation	<ul style="list-style-type: none"> • Report will be submitted to committee members • Oral presentation
Evaluation	<ul style="list-style-type: none"> • Students grades will be updated • 40 Marks (Field trainer) + 60 Marks (Course Teacher)

Field Experience location:

Zulfi general hospital, King Khalid hospital Al-Majmaah, General administration of occupational and environmental health of Majmaah university, King Abdulaziz City for Science and Technology (KACST) focuses on empowering, Hayat Water Factory Company Limited, National pharmaceutical factory company, Health and Basic Sciences Research Center- Majmaah university and California Greens Corporation..... etc



2. Distribution of Responsibilities for Field Experience Activities

Activities	Department or College	Teaching Staff	Student	Training Organization	Field Supervisor
Selection of a field experience site					
Selection of supervisory staff	√				
Provision of the required equipment				√	√
Provision of learning resources	√			√	√
Ensuring the safety of the site				√	√
Commuting to and from the field experience site			√		
Provision of support and guidance	√			√	√
Implementation of training activities (duties, reports, projects ...)			√	√	√
Follow up on student training activities	√	√		√	√
Monitoring attendance and leave				√	√
Assessment of learning outcomes	√	√			
Evaluating the Quality of Field Experience	√				
Others (specify)					

3. Field Experience Location Requirements

Suggested Field Experience Locations	General Requirements*	Special Requirements**
Hospital lab, Research center of soil and agriculture science, industries et.,	Follow safety and risk management instruction of lab	To cover the basic discipline and instruction
Availability of equipment	Follow safety and risk management instruction of lab	

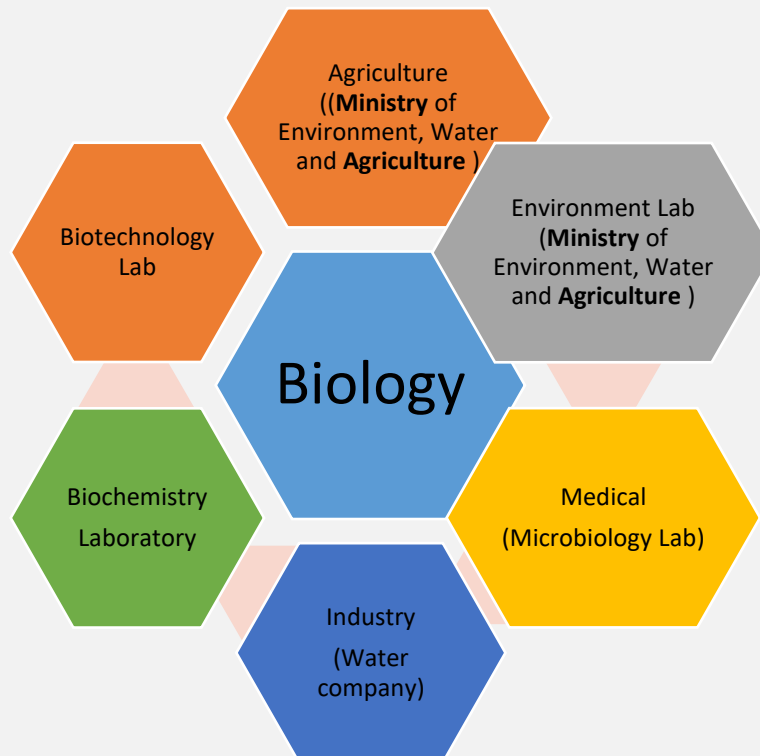
* E.g., Provides information technology, equipment, laboratories, halls, housing, learning sources, clinics ... etc.

** E.g., Criteria of the institution offering the training or those related to the specialization, such as safety standards, dealing with patients in medical specialties ... etc.



4. Decision-Making Procedures for Identifying Appropriate Locations for Field Experience

Based on the student's interest and availability of laboratories the following field training locations will be allocated to the students. The decision will be taken by the committee members and department head.



5. Safety and Risk Management

Potential Risks	Safety Actions	Risk Management Procedures
Injury of trainee during training	Contact hospital and laboratory of Saudi FDA	Select hospital or laboratory of Saudi FDA
Chemical injury while handling hazardous chemicals	Proper gloving / gowning and safety precautions should be followed	As per Standard operative procedures and WHO procedures
Needle stick injury and potential exposure to pathogens	Proper gloving / gowning and safety precautions should be followed	To follow the gloving / gowning SOPs



D. Training Quality Evaluation

Evaluation Areas/Issues	Evaluators	Evaluation Methods
Effectiveness of teaching	Program Leader	Direct & Indirect
Effectiveness of students assessment	Members,	Indirect, Direct, Assessment of the final report & Presentation
Quality of learning resources	Course coordinator	Indirect & Direct
The extent to which CLOs have been achieved	Peer Reviewer, Students	Direct

Evaluation areas (e.g., Effectiveness of Training and assessment, Extent of achievement of course learning outcomes, Quality of learning resources, etc.)

Evaluators (Students, Supervisory Staff, Program Leaders, Peer Reviewer, Others (specify))

Assessment Methods (Direct, Indirect)

E. Specification Approval Data

Council /Committee	Biology Department Council
Reference No.	7
Date	4/4/1446 (07/10/2024)

