



Field Experience Specification

(Bachelor)

Course Title: **Field Training**

Course Code: **APSA2901**

Program: **Sustainable Agriculture Techniques**

Department: *Enter Department Name .*

College: **Applied College**

Institution: **Umm Al-Qura University**

Field Experience Version Number: *Version 1*

Last Revision Date: **15 June 2025**

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A. Field Experience Details:

1. Credit hours: (6 hours.).

6 Credit Hours

2. Level/year at which Field Experience is offered: (1 year / 2ed semester).

Level 2 / 1st year

3. Time allocated for Field Experience activities

(16)Weeks

(80)Days

(480)Hours

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

Completion of 18 of program credit hours

5. Mode of delivery

☒ In-person/onsite

☐ hybrid (onsite/online)

☐ Online

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				
1.1	Identify modern sustainable agricultural practices and technologies.	K1	Practical field work, orientation lectures	Field report, oral test	Academic and field supervisors
1.2	Describe environmental, health, and safety practices in agricultural settings.	K2	Safety training, field observations	Field report, presentation	Academic and field supervisors
...					
2.0	Skills				
2.1	assess technical skills in crop management and soil conservation.	S1	Hands-on training, supervised tasks	Practical test, field report	Field supervisor

Code	Learning Outcomes	Aligned PLO Code	Training Activities	Assessment Methods	Assessment Responsibility
2.2	Use tools and instruments for monitoring and evaluating agricultural operations.	S2	Demonstrations, individual assignments	Field report, project presentation	Academic supervisor
...					
3.0	Values, autonomy, and responsibility				
3.1	Demonstrate ethical behavior and responsibility during field activities.	V1	Observation, code of conduct adherence	Supervisor evaluation, self-assessment	Field supervisor
3.2	Work effectively in a team and communicate with stakeholders in agriculture.	V2	Group projects, collaboration in tasks	Group project, oral test	Academic and field supervisors
...					

*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.

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**
Ministry of Environment, Water and Agriculture (MEWA) – Western Region Offices		
National Center for Vegetation Cover and Combating Desertification		
Saudi Grains Organization (SAGO) Jeddah		
Nadec (National Agricultural Development Company)		
Almarai company		
Pure Harvest Smart Farms		
The Red Sea Global		
NEOM – Agriculture and Food Sector		
Royal Commission for Makkah City and Holy Sites (RCMC)		

* 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

To ensure that students of the Diploma in Sustainable Agricultural Technologies are placed in suitable and effective training environments, the following decision-making procedures are typically followed when identifying appropriate field training locations:

- Ensure that the organization's activities align with the program's core learning outcomes such as sustainable farming practices, water management, soil analysis, and agricultural technology.
- Evaluate whether the site offers practical exposure to real-world sustainable agriculture applications.
- Review the nature of tasks students will engage in (e.g., data collection, fieldwork, lab testing, environmental monitoring).
- Confirm that the organization has qualified personnel willing to mentor and supervise students during their training.





- Evaluate the availability of a structured training plan, orientation, and ongoing feedback.
- Choose sites that offer the potential for ongoing partnerships with the college, including future training, research collaboration, or graduate employment.
- All proposed training sites must be reviewed and approved by the college's training committee.

5. Safety and Risk Management

Potential Risks	Safety Actions	Risk Management Procedures
Environmental Risks	Pre-Training Orientation, Conducting safety briefing sessions to raise awareness of potential site-specific hazards.	Explanation, Pre-Placement Risk Assessment, Conducting a comprehensive risk evaluation of each training site before student placement.
Mechanical Risks	Use of Personal Protective Equipment (PPE)	Emergency Response Plan, Preparing a documented plan outlining steps to be taken in case of accidents.
Chemical Risks	Safe Handling of Materials, Training on proper storage and usage of chemicals and hazardous substances.	Incident Reporting and Documentation, Implementing a system to report, record, and analyze any incidents or near-misses during training.
Biological Risks	First Aid Readiness, Availability of first aid kits at the training site and basic training in emergency response.	Coordination with Training Hosts, Maintaining constant communication between the college and training site to ensure timely responses to risks.
General Safety Hazards	Supervised Practical Work, Ensuring that students conduct fieldwork under the direct supervision of qualified personnel.	Ongoing Safety Monitoring, Periodic review of safety practices and updating protocols based on student and supervisor feedback.

D. Training Quality Evaluation

Evaluation Areas/Issues	Evaluators	Evaluation Methods
Student Feedback on Effectiveness of Training	The students.	Questionnaires. Open discussion at the end of the training period.
Evaluation of Training	The staff members or by the Department	Final report of training course.

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	Umm Al-Qura University Council
Reference No.	851110214476/195626
Date	18/2/1447

