

Pearson BTEC Level 3 Extended Diploma in Agriculture

The Pearson BTEC Level 3 Extended Diploma in Agriculture programme provides learners with knowledge and basic skills in Agriculture which is substantial to start agricultural entrepreneurship and business in addition to subsistence purposes. This programme will cultivate an understanding on the importance of agriculture and the role it plays to human environment. It covers agricultural production, product marketing and business management.

Programme Objectives

This programme generally aims to provide knowledge and develop skills for agricultural productivity as framework for better quality of life.

The programme specifically aims to:

- Provide training for agriculture to employees, new graduates and entrepreneurs who wish to pursue a career in agriculture.
- Give full-time learners the opportunity to be competitive to enter employment in agricultural sector.
- Enable trainees to explore the interdisciplinary nature of agricultural crop and fish production and potential markets.
- Provide trainees with a sound foundation of the scientific principles and analytical skills behind improved agricultural production systems and their sustainability.
- Develop a range of real life skills and agricultural crop production techniques.

A plant nursery was constructed in the campus to provide a favorable plant environment for basic and actual practice of the trainees. It serves as a laboratory area where they can grow seedlings, practice plant propagation techniques and other related applicable tasks pertaining to crop production. The nursery will also showcase the tangible productivity and output of the students to evaluators, observers and visitors.

The programme is supported and enhanced with extra-curricular activities like:

- Agricultural Exhibition held at Bahrain Training Institute to encourage agricultural innovation, creativity and participation of interested individuals, groups and Institutions
- Production of crops/vegetables in the nursery
- Special agricultural training workshops conducted for trainees and employees

The agricultural skills and knowledge transfer will be done through lectures, actual practice and field sessions/visits that emphasize on growing practices and techniques applicable in the locality of Bahrain.

Courses in the programme include communication development, fundamentals in agricultural production and related experience, marketing, business management, basic machinery operations and managing agricultural environments, which will forge students onward to be competitive in the agricultural industry. The programme will provide in general firm grounding through combination of theoretical approaches and real-life based learning from agricultural scenarios applicable to Bahrain.

Target Enrollees

The program is open to those interested to pursue a career in Agriculture, presently employed, new graduates, homemakers, enterprising individuals, or other personalities interested in this industry, from the private sector, non-government organizations or government institutions.

Duration: 2.5 years of full time study with OJT

Awarding Body: Pearson

Qualification Certificates

Upon completion of the requirements of the programme, a trainee shall be awarded certificates from Pearson BTEC and Bahrain Training Institute.

Assessment

Evaluation is done through classroom activities, projects, assignments, practical activities and final exam.

On-the-Job Training

The OJT programme is a course requirement before a trainee will receive the qualification certificates. It is aimed at immersing a trainee to a work environment related to his/her course.

Employment Opportunities

The programme prepares trainees to manage a farm or work in an agricultural environment. After passing the BTEC Level 3 Extended Diploma in Agriculture, the trainee can work for the following job opportunities:

- Agricultural Technician
- Crop Scout
- Agriculture Loans Officer
- Agricultural Sales Representative
- Farm Owner/Manager
- Agricultural Extension Worker

Year 1 - Semester 1

Unit Title	Unit Code	Pre-requisite
General English 1	ECL310	
Understanding Business Ethics	EBU310	
Basic Accounting	EBU317	
Study and Employability Skills	ENGB11025	
Presenting Information Using IT	EIT310	
Understand the Principles of Plant Science	EAG310	

Year 1 - Semester 2

Unit Title	Unit Code	Pre-requisite
General English 2	ECL320	ECL310
Business Statistics	EMA311	
Understand The Principles of Soil Science	EAG321	
Understand Agricultural Organic Production	EAG322	
Participate in Business Planning and improvement in the Land-based Sector	EAG323	
Manage Agricultural Environment	EAG324	EAG310

Year 2 - Semester 1

Unit Title	Unit Code	Pre-requisite
General English 3	ECL330	ECL320
Understand Agricultural Forage Crop Production	EAG331	EAG310
Understand Grassland Management	EAG332	EAG310
Understanding Principles of Land-based Machinery	EAG333	
Undertake an Investigative Project in the Land-based Sector	EAG334	
Undertaking Specialised Land-based Workshop Practice	EAG335	

Year 2 - Semester 2

Unit Title	Unit Code	Pre-requisite
General English 4	ECL340	ECL330
Undertake Agricultural Crop Production	EAG341	EAG310
Understand and Use Agricultural Spreaders and Sprayers	EAG342	
Mechanised Agricultural Crop Handling and Storage	EAG343	
Undertaking Land-based Machinery Operations	EAG344	
Business Management in the Land-based Sector	EAG345	



Year 3 - Semester 1

Unit Title	Unit Code	Pre-requisite
Undertaking Root Crop and Field Vegetable Production	EAG351	EAG310
Undertake and Review Work Related Experience in Land-based Industries	EAG352	
Undertake Estate Skills	EAG353	
Undertake Land-based Industries Pollution and Waste Control Management	EAG354	

Year 3 - Semester 2

Unit Title	Unit Code	Pre-requisite
On-the-Job Training		