



**Jordan University of Science and Technology**  
**Faculty of Agriculture**  
**Department of Plant Production.**

## Diploma Supplement

This Diploma Supplement model was developed by the European Commission, Council of Europe and UNESCO/CEPES. The purpose of the supplement is to provide sufficient independent data to improve the international 'transparency' and fair academic and professional recognition of qualifications (diplomas, degrees, certificates etc.). It is designed to provide a description of the nature, level, context, content and status of the studies that were pursued and successfully completed by the individual named on the original qualification to which this supplement is appended. It should be free from any value judgements, equivalence statements or suggestions about recognition. Information in all eight sections should be provided. Where information is not provided, an explanation should give the reason why.

### 1. INFORMATION IDENTIFYING THE HOLDER OF THE QUALIFICATION

1.1 Family name(s)

XXXXXXXX

1.2 First name(s)

XXXXXXXX

1.3 Date of birth (dd/mm/yyyy)

XX/XX/XXXX

1.4 Student identification number or code (if applicable)

XXXXXXXX

### 2. INFORMATION IDENTIFYING THE QUALIFICATION

2.1 Name of qualification and (if applicable) title conferred (in original language)

Bachelor of Plant Production

بكالوريوس في الإنتاج النباتي

2.2 Main field(s) of study for the qualification

Plant Production

2.3 Name and status of awarding institution (in original language)

Jordan University of Science and Technology, Faculty of Agriculture

Department of Plant Production.

جامعة العلوم والتكنولوجيا الأردنية

كلية الزراعة، قسم الإنتاج النباتي

2.4 Name and status of institution (if different from 2.3) administering studies (in original language)

2.5 Language(s) of instruction/examination

English

Certification Date:

Chairwoman/Chairman Examination Committee

### 3. INFORMATION ON THE LEVEL AND DURATION OF THE QUALIFICATION

#### 3.1 Level of the qualification

Bachelor of Science

#### 3.2 Official duration of programme in credits and/or years

Four academic years (8 regular semesters & optional summer semesters), (132 credit hours, 240 ECTS)

#### 3.3 Access requirement(s)

High school diploma or equivalent regulated by the ministry of higher education

### 4. INFORMATION ON THE PROGRAMME COMPLETED AND THE RESULTS OBTAINED

#### 4.1 Mode of study

Full-time

#### 4.2 Programme learning outcomes

**PLO1.** Acquire, integrate, and apply knowledge of plant science and crop production management to optimize production of major economic crops in Jordan.

**PLO 2.** Apply concepts of plant biology, plant physiology, systematics, ecology, and genetics to manage and improve plants and their products.

**PLO 3.** Apply methods of propagation, training, pruning, and production to vegetable crops, fruit crops, and ornamental plants in the field and in protected environments.

**PLO 4.** Apply different plant production operations including land preparation using farm machinery, irrigation techniques, fertilization, pest management, harvesting and post-harvest handling, and marketing of agricultural produce.

**PLO 5.** Recognize major plant pests and explain how pests impact crop production and demonstrate skills to diagnose common plant pests and disorders and discuss potential control strategies.

**PLO 6.** Develop, identify, and employ good agricultural practices that lead to sustainable solutions and outcomes.

**PLO 7.** Demonstrate professionalism and proficiency in skills that relate to plant production systems.

## 4.3 Programme details, individual credits gained and grades/marks obtained

Degree requirements	Credit Hours	ECTS
University Compulsory & Electives	25	43
Faculty of Agriculture Compulsory Courses	20	36
Plant Production Compulsory Courses	78	146
Plant Production Elective Courses	9	15
<b>Total</b>	<b>132</b>	<b>240</b>

Course No.	Course Name	Credit Hours	ECTS	Grade
<b>University Compulsory &amp; Electives</b>				
ARB101	ARABIC LANGUAGE	3	5	
HSS110	SOCIAL RESPONSIBILITY	3	5	
HSS119A	ENTREPRENEURSHIP AND INNOVATION	2	4	
HSS129	GENERAL SKILLS	2	4	
MS100	MILITARY SCIENCES	3	5	
LG112	ENGLISH LANGUAGE (2)	3	5	
HSS126	Introduction to Psychology	3	5	
HSS135	Islamic Culture	3	5	
HSS231	History of Sciences in Islam	3	5	
<b>Faculty of Agriculture Compulsory Courses</b>				
BIO 103	General Biology	3	5	
BIO 107	General Biology laboratory	1	3	
CHEM 103	General Chemistry	3	5	
CHEM 107	General Chemistry Laboratory	1	3	
PHY 103	General Physics	3	5	
MATH 102A	Calculus (for biological sciences students)	3	5	
PP 204	Principles of Agricultural Economics	3	5	
PP 262	Agricultural Extension and Technology Transfer	3	5	
<b>Plant Production Compulsory Courses</b>				
BIO 341	Molecular Genetics	3	5	
CHEM 104	Organic Chemistry	2	5	
NR 202	Principles of Soil Science	3	5	
NR 241	Principles of Irrigation and Drainage	3	6	
NR 412	Soil Fertility and Fertilizers	3	5	
PP 202	Principles of Plant Science	3	5	
PP 203	Plant Science laboratory (For plant production major)	1	3	
PP 213	Introduction to Biostatistics	3	5	
PP 224	Plant Physiology	3	6	
PP 311	Field Crops Production	3	6	
PP 314	Seed Production and Technology	3	6	
PP 321	Vegetable Crops Production	3	6	
PP 322	Deciduous Fruit Trees	3	6	
PP 323	Landscape Plants	3	6	
PP 324	Landscape Design and Management	3	6	
PP 341	Entomology	3	6	
PP 342	Weed Science	3	6	
PP 343	Plant Pathology	3	6	
PP 371	Agricultural Machinery	3	6	
PP 399	Field practical training in plant production	6	8	

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PP 411	Plant Breeding and Crop Improvement	3	6	
PP 421	Evergreen Fruit Trees	3	5	
PP 425	Post-harvest Handling and Storage of Horticultural Crops	3	5	
PP 430	Organic Farming	2	4	
PP 442	Diseases of Horticultural Crops	3	5	
PP 446	Economic Entomology	3	5	
PP 491	Seminar	1	3	
<b>Plant Production Elective Courses</b>				
PP 332	Forage Crops Production	3	2	
PP 423	Plant Propagation and Nursery Management	3	5	
PP 431	Biotechnology in Agriculture	3	5	

## 4.4 Grading system and, if available, grade distribution table

Letter Grade	Grade Points	Score out of 100
A+	4.2	95-100
A	4	85-94
A-	3.75	80-84
B+	3.5	77-79
B	3.25	73-76
B-	3	70-72
C+	2.75	67-69
C	2.5	63-66
C-	2.25	60-62
D+	2	57-59
D	1.75	53-56
D-	1.5	50-52
F	0.5	00-49

Certification Date:

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## 4.5 Overall classification of the qualification (in original language)

GPA	Classification	التقدير
4.2 - 4.0	Distinguished	امتياز
3.99 - 3.5	Excellent	ممتاز
3.49 - 3.0	Very Good	جيد جدا
2.99 - 2.5	Good	جيد
2.49 - 2.0	Satisfactory	مقبول

## 5. INFORMATION ON THE FUNCTION OF THE QUALIFICATION

### 5.1 Access to further study

**Access to post-graduate studies**

### 5.2 Access to a regulated profession (if applicable)

**Access to Agricultural Engineers Association**

## 6. ADDITIONAL INFORMATION

### 6.1 Additional information

### 6.2 Further information sources

**[www.just.edu.jo](http://www.just.edu.jo)**

## 7. CERTIFICATION

This Diploma Supplement refers to the following original documents:

Document on the award of the academic degree (Urkunde über die Verleihung des Akademischen Grades) [date]

Certificate(Zeugnis) [date]

Transcript of Records [date]

Certification Date: \_\_\_\_\_

Chairwoman/Chairman Examination Committee

(Official Stamp/Seal)