Academic Program Description Form

University Name: Tikrit University

Faculty/Institute: College of Agriculture

Scientific Department: Plant Protection

Academic or Professional Program Name: Bachelor of Agricultural Sciences/ Plant Protection

Final Certificate Name: Bachelor of Agricultural Sciences/ Plant Protection

Academic System: Bologna

Description Preparation Date: 14/9/2025

File Completion Date: 14/9/2025

Signature:

Head of Department Name:

assistant professor: Awad J.Mohammed

Date: 14-9-2025

Signature:

Scientific Associate Name:
Professor Dr. Mohammed saleh Mohammed

Date: 14-9-2025

The file is checked by:

Department of Quality Assurance and University Performance

Director of the Quality Assurance and University Performance Department:

Professor Dr. Maysaloon Wail Ibraheem

Date: 14-9-2025

Signature:

Approval of the Dean

Dr. Sami Khudhur Saeed

sami khudhur saeed

Dean

Tikrit university

جامعة تكريت

First Cycle – Bachelor's degree (B.Sc.) – plant protection

بكالوريوس وقاية نبات

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1. Mission & Vision Statement

Vision Statement

That the Department of Plant Protection be the leading one among the corresponding departments in Iraqi universities.

Mission Statement

The plant protection academic staff of the agriculture college at Tikrit University believe that students come to understand the discipline of most of pests through a combination of course work, laboratory experiences, Worker , and fieldwork. The combination of methods leads students to a balanced between controling the pests and keeping the ecosystem .

2. Program Specification

Programme code:	BSc-PPD	**ECTS**	240
Duration:	4 levels, 8 Semesters	**Method of Attendance:**	Full Time

Plant protection is a wonderfully wide-ranging subject and is well equipped to deliver. The emphasis of the programme is the whole plant to which everything is related, be it the soil or water that form as well as micro organisms , Insect ,mite and all pests in an ecosystem.

well be infected the plants in field ,as well as all methods can useing to controling its.

3. Program Objectives

1. Preparing and providing distinguished university education in the sectors of plant and insect diseases and resistance methods

2. Spreading science and knowledge among members of society through constant communication with agricultural extension departments and private beverage companies.

3. Keeping pace with developments in conducting scientific research with its clinical and laboratory courtesy, keeping up with the latest findings of the results of this research, and approving programs for integrated pest management and virus control.

4. Continuous development of curricula by amending the academic description of each course and adopting the standards described by the Ministry in evaluating the performance of teaching staff.

4. Student Learning Outcomes

Student learning outcomes

In the Department of Plant Protection, the study of various agricultural pests and their damage to agricultural crops is studied. Graduates obtain sufficient information about the damage and symptoms of each lesion and use basic knowledge to achieve a diagnosis and prescribe appropriate treatment. . The department offers a Bachelor of Agricultural Sciences in Plant Protection. The department plays an important role as a consulting center in diagnosing pests that are requested to be diagnosed and prescribing appropriate treatment by Warara Agriculture institutions and private sector companies, which makes the graduate qualified to work in state institutions and the private sector and supports preparatory programs for master's and doctoral studies in the department and other departments in Universities of the country or foreign universities.

outcomes 1

Graduates will be able to diagnose pests by appearance and laboratory, classify them, and be able to control them

outcomes 2

Oral and written communication

Graduates will be able to formally communicate diagnostic findings of lesions using oral and written communication skills

outcomes 3

Laboratory and field studies

Graduates will be able to conduct laboratory experiments and field studies, using scientific and laboratory equipment and computer technology while observing appropriate safety protocols when using different control methods.

outcomes 4

Scientific knowledge

Graduates will be able to demonstrate the concept of environmental balance through their acquired scientific knowledge, environmental conservation and the agricultural ecosystem

outcomes 5

Data analytics

Graduates will be able to demonstrate scientific quantitative skills, such as the ability to perform simple data analyses.

outcomes 6

Critical thinking

Graduates will be able to use critical thinking and problem-solving skills to develop a research project and/or paper

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5. Academic Staff

Special Requirements/Skills (if applicable)	Number of the teaching staff 27

name	dgree	Scintefec name	Specialization		Email
			general	Special	
Abdullah–A Hasan	pHD	professor	Biology	Fungi	Darabdullah.has67@tu.edu.iq
MAATH-A Abdul-aal	pHD	professor	Plant diseases	Virusis	Maath.alfahd@tu.edu.iq
Salih-A ismail	pHD	professor	Plant protection	Plant diseases	salihjabur2005@tu.edu.iq
Mohammed-SH Mansor	pHD	professor	Plant protection	Economic insect	mshmanor@gmail.com
Zyaid Sh. Ahmes	pHD	A.professor	Horticulture	Tissue culture	ziaddema@gmail.com
Khaldon-F Saeed	pHD	A.professor	Plant protection	IPM	khaldoonqadhi@tu.edu.iq
Muqdad-S jasim	pHD	A.professor	Plant protection	Plant diseases	md@tu.edu.iq
Khalaf –A Mohammed	pHD	A.professor	Plant protection	Plant diseases	khalaf20017vi@gmail.com
Awf A. Ahmed	pHD	A.professor	Plant protection	Plant diseases (Fungi)	Awfabd91@tu.edu.iq
Awad-J.Mohammed	pHD	A.professor	Plant protection	Insect	awad_jasim@yahoo.com
Haidar –A Ridha	pHD	Lacturar	Plant protection	Insect	Haidar.a.reda353@tu.edu.iq
Waleed –Kh. Ahmed	pHD	Lacturar	Plant protection	Fungi	waleedkhal20@gmail.com
OTHMAN-H ALI	pHD	Lacturar	Plant protection	Insect	Othman.h.ali4455@tu.edu.iq

Amina-SN.Shakir	pHD	Lacturar	Plant protection	Insect	amnanaef@gmail.com
Raghad-S. Daham	pHD	Lacturar	Plant protection	Insect	raghadsaad2493@gmail.com
BASMA-DH.Ayed	pHD	Lacturar	Plant protection	Plant diseases	Basma2020@tu.edu.iq
Omar-A.Daham	MSC	A.Lacturar	Plant protection	Insect	Omarali@tu.edu.iq
Laith-M.Abas	MSC	A.Lacturar	Plant protection	Insect	Laith_2020@tu.edu.iq
Naheda-K.Madhlom	MSC	A.Lacturar	Biology	Biology	nahda68774@gmail.com
Kefe-A.rajab	MSC	A.Lacturar	Plant protection	Plant diseases	kefaa_amer@tu.edu.iq
Ashwaq-T.Mohammed	MSC	A.Lacturar	Plant protection	Plant diseases	Ashwaqt@tu.edu.iq
Aya-M .Mohsin	MSC	A.Lacturar	Plant protection	Plant diseases	Ayaaraad298@gmail.com
Ahmed - M.mahmood	MSC	A.Lacturar	Plant protection	Plant diseases	ahmed.mohamed@tu.edu.iq
Maha – T.Ibraheem	MSC	A.Lacturar	Plant protection	Plant diseases	Maha.Samir@tu.edu.iq
Reman-J.Kadhom	MSC	A.Lacturar	Plant protection	Insect	Reema.Rajih@tu.edu.iq
Sara-S.Abdulrahman	MSC	A.Lacturar	Plant protection	Insect	S.sabhan018@tu.edu.iq
Ali-K Eliewi	MSC	A.Lacturar	Plant protection	Plant diseases	Ali.k.alewi@tu.edu.iq

6. Credits, Grading and GPA

Credits

Tikrit University is following the Bologna Process with the European Credit Transfer System (ECTS) credit system. The total degree program number of ECTS is 240, 30 ECTS per semester. 1 ECTS is equivalent to 25 hrs student workload, including structured and unstructured workload.

Grading

Before the evaluation, the results are divided into two subgroups: pass and fail. Therefore, the results are independent of the students who failed a course. The grading system is defined as follows:

GRADING SCHEME مخطط الدرجات				
Group	**Grade**	التقدير	**Marks (%)**	**Definition**
Success Group (50 - 100)	A - Excellent	امتياز	90 - 100	Outstanding Performance
	B - Very Good	جيد جدا	80 – 89	Above average with some errors
	C - Good	جيد	70 – 79	Sound work with notable errors
	D - Satisfactory	متوسط	60 – 69	Fair but with major shortcomings
	E - Sufficient	مقبول	50 – 59	Work meets minimum criteria
Fail Group (0 – 49)	FX – Fail	راسب - قيد المعالجة	(45-49)	More work required but credit awarded
	F – Fail	راسب	(0-44)	Considerable amount of work required
Note:				
Number Decimal places above or below 0.5 will be rounded to the higher or lower full mark (for example a mark of 54.5 will be rounded to 55, whereas a mark of 54.4 will be rounded to 54. The University has a policy NOT to condone "near-pass fails" so the only adjustment to marks awarded by the original marker(s) will be the automatic rounding outlined above.				

Calculation of the Cumulative Grade Point Average (CGPA)

1. The CGPA is calculated by the summation of each module score multiplied by its ECTS, all are divided by the program total ECTS.

   CGPA of a 4-year B.Sc. degree:

   CGPA = [(1st ^{m}odule score x ECTS) + (2nd ^{m}odule score x ECTS) + ……] / 240

7. Curriculum/Modules

Semester 1 | 30 ECTS | 1 ECTS = 25 hrs

Module Code	Module Name in English	SSWL hr/sem	USSWL hr/sem	ECTS	Module Type	Prerequisite Module(s) Code
PPD-1101	Entomology	79	71	6.00	C	
AGR-1102	Horticulture principles	79	71	6.00	S	
PPD-1103	General Zoology	79	71	6.00	C	
AGR-1104	Agricultural economy	33	67	4.00	S	

UNI-1105	Human Rights and Democracy	33	42	3.00	B	
UNI-1106	English Language 1	33	17	2.00	B	
UNI-1107	Computer Science 1	33	42	3.00	B	

Semester 2 | 30 ECTS | 1 ECTS = 25 hrs

Module Code	Module Name in English	SSWL hr/sem	USSWL hr/sem	ECTS	Module Type	Prerequisite Module(s) Code
AGR-1201	General Botany	79	46	5.00	S	
AGR-1202	Non-Organic Chemistry	79	46	5.00	S	
PPD-1203	Basics of plant protection	79	41	5.00	C	
AGR-1204	Basics of soil and water resources	79	46	5.00	S	
AGR-1205	General Mathematics	33	67	4.00	S	
AGR -1206	Animal production principles	63	37	4.00	B	
UNI-1207	Arbic Language 1	33	17	2.00	B	

Semester 3 | 30 ECTS | 1 ECTS = 25 hrs

Module Code	Module Name in English	SSWL hr/sem	USSWL hr/sem	ECTS	Module Type	Prerequisite Module(s) Code
PPDP-2301	Microbiology techniques	79	71	6.00	C	
PPDP-2302	Biosafety and security	79	46	5.00	C	
PPDP-2303	Plant physiology	79	46	5.00	C	
AGRP -2304	Agricultural guidance and techniques transfer	79	46	5.00	S	
AGRP-2305	Machines and protective equipment	33	67	4.00	S	
UNIP-2306	Baath Party crimes	53	22	3.00	B	
UNIP-2307	Arbic Language 2	33	17	2.00	B	

Semester 4 | 30 ECTS | 1 ECTS = 25 hrs

Module Code	Module Name in English	SSWL hr/sem	USSWL hr/sem	ECTS	Module Type	Prerequisite Module(s) Code
AGRP -2401	Principles of field crops	79	46	5.00	S	
PPDP-2402	Plant nutrition	79	46	5.00	C	
PPDP-2403	Classification of insects	79	46	5.00	C	

UNIP-2404	Computer Science and Artificial Intelligence	33	42	3.00	B	
PPDP-2405	General chemistry techniques	79	46	5.00	C	
PPDP-2406	Medical and veterinary insects	79	46	5.00	C	
UNIP-2407	English Language 2	33	17	2.00	B	

Semester 5 | 30 ECTS | 1 ECTS = 25 hrs

Module Code	Module Name in English	SSWL hr/sem	USSWL hr/sem	ECTS	Module Type	Prerequisite Module(s) Code
PPDP-3501	Genetics and plant Breeding	79	46	5.00	C	
PPDP-3502	Statistics and Design and Analysis of Experiments	79	46	5.00	C	
PPDP-3503	Insects physiology	79	46	5.00	C	
PPDP-3504	Nematode	79	46	5.00	C	
PPDP-3505	Mycology 1	79	46	5.00	C	
PPDP-3506	Ecology and Sustainable Agriculture	79	46	5.00	C	

Semester 6 | 30 ECTS | 1 ECTS = 25 hrs

Module Code	Module Name in English	SSWL hr/sem	USSWL hr/sem	ECTS	Module Type	Prerequisite Module(s) Code
PPDP-3601	**Plant diseases**	79	46	5.00	C	
PPDP-3602	**Weeds and methods of control them**	79	46	5.00	C	
PPDP-3603	Biochemistry	79	46	5.00	C	
PPDP-3604	Mycology 2	79	46	5.00	C	
PPDP-3605	Apiculture	79	46	5.00	C	
PPDP-3606	Bio Techniques	79	46	5.00	C	

Semester 7 | 30 ECTS | 1 ECTS = 25 hrs

Module Code	Module Name in English	SSWL hr/sem	USSWL hr/sem	ECTS	Module Type	Prerequisite Module(s) Code
PPDP-4701	Pesticides and environmental pollution	79	46	5.00	C	

PPDP-4702	Insects ecology Techniques	64	36	4.00	C	
PPDP-4703	Field crop diseases	79	46	5.00	C	
PPDP-4704	Vegetable diseases and protected cultivation	79	46	5.00	C	
PPDP-4705	Storages pests	79	46	5.00	C	
PPDP-4706	Field crop insects	79	46	5.00	C	
PPDP-4707	seminars	25		1.00	C	

Semester 8 | 30 ECTS | 1 ECTS = 25 hrs

Module Code	Module Name in English	SSWL hr/sem	USSWL hr/sem	ECTS	Module Type	Prerequisite Module(s) Code
PPDP-4801	Fruit diseases	79	46	5.00	C	
PPDP-4802	Agriculture Mite	79	46	5.00	C	
PPDP-4803	Horticulture Insects	79	46	5.00	C	
PPDP-4804	Biological control	79	46	5.00	C	
PPDP-4805	Integrated pest management	33	42	3.00	C	
PPDP-4806	Viruses	79	46	5.00	C	
PPDP-4807	Agricultural engineering project	25	25	2.00	C	

8. Contact

Awad J.mohammad Head of Plant protection department

E-Mail;awad_jasim@tu.edu.iq

Mobile no.: +9647705163689

Awf A.Ahmed / Department head assistants

Email: Awfabd91@tu.edu.iq

Mobile no.: +964 770 8483366