



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: Season

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

1. Program Vision

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

2. Program Mission

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 controlling the pests and keeping the ecosystem .

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 courses, 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. Program Accreditation

Nothing

5. Other external influences

Nothing

6 Program Structure

Reviews•	Percentage	Credit hours	Number of Courses	Program Structure
	%6.2	9	9	Institution Requirements
	%17.24	25	5	College Requirements
	%76.56	111	40	

				Department Requirements
				Summer Training
				Other

This can include notes whether the course is basic or optional.

7. Program Description

Credit Hours		Course Name	Course Code	Year/Level
practical	theoretical			
3	2	Entomology	0017101	1
3	2	Horticulture principles	0017102	
3	2	General Zoology	0017103	
	2	Agricultural economy	1017104	
	2	Human Rights and Democracy	0017110	
	2	English Language 1	2017105	
-	2	Computer Science 1	3017106	
3	2	General Botany	0027101	
3	2	Non-Organic Chemistry	0027102	
3	2	Basics of plant protection	0027103	
3	2	Basics of soil and water resources	0027110	
3	2	General Mathematics	0127104	
3	2	Animal production principles	0017210	
	2	Arbic Language 1	0017201	
3	2	Microbiology techniques	0017202	
3	2	Biosafety and security	0017203	
3	2	Plant physiology	0017204	
3	2	Agricultural guidance and techniques transfer	0017205	
3	2	Machines and protective equipment	0017206	
	2	Baath Party crimes	0027201	
	2	Arbic Language 2	0027202	
3	2	Principles of field crops	1027203	
3	2	Plant nutrition	2027204	
3	2	Classification of insects	0027210	
3	2	Computer Science and Artificial Intelligence	0027205	

-	2	General chemistry techniques	0027220	3
3	2	Medical and veterinary insects	3027206	
	2	English Language 2	0017301	
3	2	Genetics and plant Breeding	0017310	
3	2	Statistics and Design and Analysis of Experiments	1017303	
3	2	Insects physiology	0017320	
3	2	Nematode	0017330	
3	2	Mycology 1	0017304	
3	2	Ecology and Sustainable Agriculture	0027310	
3	2	Plant diseases	0027301	
3	2	Weeds and methods of control them	0027302	
3	2	Biochemistry	0027303	
3	2	Mycology 2	0027320	
3	2	Apiculture	0027330	
3	2	Bio Techniques	0027304	
3	2	Pesticides and environmental pollution	0017440	4
3	2	Insects ecology Techniques	0017450	
3	2	Field crop diseases	0017460	
3	2	Vegetable diseases and protected cultivation	0027410	
3	2	Storages pests	0027420	
3	2	Field crop insects	0027430	
	1	seminars	0027440	
3	2	Fruit diseases	0027450	
3	2	Agriculture Mite	1027400	
3	2	Horticulture Insects	0027460	
3	2	Biological control	0017101	
-	2	Integrated pest management	0017102	
3	2	Viruses	0017103	
-	1	Agricultural engineering project	1017104	
3	2	Fruit diseases	0017110	

Special Requirements/Skills (if applicable)	Number of the teaching staff 27
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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
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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-	MSC	A.Lacturar	Plant	Insect	Reema.Rajih@tu.edu.iq

J.Kadhom			protection		
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

Mentoring new faculty members

Briefly describes the process used to mentor new, visiting, full—time, and part—time faculty at the institution and department level.

Professional development of faculty members

Briefly describe the academic and professional development plan and arrangements for faculty such as teaching and learning strategies, assessment of learning outcomes, professional development, etc.

12. Acceptance Criterion

(Setting regulations related to enrollment in the college or institute, whether central admission or others)

Central

13. The most important sources of information about the program

State briefly the sources of information about the program.

1. The college and university website
2. University guide
3. Central Library
4. The most important books and sources for the department
5. Textbooks
6. Internet

14. Program Development Plan

1. Regularly review curricula and educational production units to identify strengths and weaknesses and address scientific gaps.

2. Conduct ongoing assessments of labor market needs in the poultry and ruminant sector to align graduates' skills with actual requirements.

3. Develop a performance measurement system that includes field tests and practical skills assessments alongside traditional theoretical program assessments.

4. Integrate artificial intelligence and environmental sustainability into core courses to keep pace with global developments in animal production.

Program Skills Outline

Required program Learning outcomes												Basic or optional	Course Name	Course Code	Year/Level
Ethics				Skills				Knowledge							
C4	C3	C2	C1	B4	B3	B2	B1	A4	A3	A2	A1				
*	*	*	*	*	*	*	*	*	*	*	*	Basic	Entomology	0017101	1
*	*	*	*	*	*	*	*	*	*	*	*	Basic	Horticulture principles	0017102	
*	*	*	*	*	*	*	*	*	*	*	*	Basic	General Zoology	0017103	
*	*	*	*	*	*	*	*	*	*	*	*	Basic	Agricultural economy	1017104	
*	*	*	*	*	*	*	*	*	*	*	*	Basic	Human Rights and Democracy	0017110	
*	*	*	*	*	*	*	*	*	*	*	*	Basic	English Language 1	2017105	
*	*	*	*	*	*	*	*	*	*	*	*	Basic	Computer Science 1	3017106	
*	*	*	*	*	*	*	*	*	*	*	*	Basic	General Botany	0027101	
*	*	*	*	*	*	*	*	*	*	*	*	Basic	Non-Organic Chemistry	0027102	
*	*	*	*	*	*	*	*	*	*	*	*	Basic	Basics of plant protection	0027103	
*	*	*	*	*	*	*	*	*	*	*	*	Basic	Basics of soil and water resources	0027110	
*	*	*	*	*	*	*	*	*	*	*	*	Basic	General Mathematics	0127104	
*	*	*	*	*	*	*	*	*	*	*	*	Basic	Animal production principles	0017210	
*	*	*	*	*	*	*	*	*	*	*	*	Basic	Arabic Language 1	0017201	

*	*	*	*	*	*	*	*	*	*	*	*	Basic	Microbiology techniques	0017202	2
*	*	*	*	*	*	*	*	*	*	*	*	Basic	Biosafety and security	0017203	
*	*	*	*	*	*	*	*	*	*	*	*	Basic	Plant physiology	0017204	
*	*	*	*	*	*	*	*	*	*	*	*	Basic	Agricultural guidance and techniques transfer	0017205	
*	*	*	*	*	*	*	*	*	*	*	*	Basic	Machines and protective equipment	0017206	
*	*	*	*	*	*	*	*	*	*	*	*	Basic	Baath Party crimes	0027201	
*	*	*	*	*	*	*	*	*	*	*	*	Basic	Arbic Language 2	0027202	
*	*	*	*	*	*	*	*	*	*	*	*	Basic	Principles of field crops	1027203	
*	*	*	*	*	*	*	*	*	*	*	*	Basic	Plant nutrition	2027204	
*	*	*	*	*	*	*	*	*	*	*	*	Basic	Classification of insects	0027210	
*	*	*	*	*	*	*	*	*	*	*	*	Basic	Computer Science and Artificial Intelligence	0027205	
*	*	*	*	*	*	*	*	*	*	*	*	Basic	General chemistry techniques	0027220	
*	*	*	*	*	*	*	*	*	*	*	*	Basic	Medical and veterinary insects	3027206	
*	*	*	*	*	*	*	*	*	*	*	*	Basic	English Language 2	0017301	
*	*	*	*	*	*	*	*	*	*	*	*	Basic	Genetics and plant Breeding	0017310	
*	*	*	*	*	*	*	*	*	*	*	*	Basic	Statistics and Design and Analysis of	1017303	3

													Experiments		
*	*	*	*	*	*	*	*	*	*	*	*	*	Basic	Insects physiology	0017320
*	*	*	*	*	*	*	*	*	*	*	*	*	Basic	Nematode	0017330
*	*	*	*	*	*	*	*	*	*	*	*	*	Basic	Mycology 1	0017304
*	*	*	*	*	*	*	*	*	*	*	*	*	Basic	Ecology and Sustainable Agriculture	0027310
*	*	*	*	*	*	*	*	*	*	*	*	*	Basic	Plant diseases	0027301
*	*	*	*	*	*	*	*	*	*	*	*	*	Basic	Weeds and methods of control them	0027302
*	*	*	*	*	*	*	*	*	*	*	*	*	Basic	Biochemistry	0027303
*	*	*	*	*	*	*	*	*	*	*	*	*	Basic	Mycology 2	0027320
*	*	*	*	*	*	*	*	*	*	*	*	*	Basic	Apiculture	0027330
*	*	*	*	*	*	*	*	*	*	*	*	*	Basic	Bio Techniques	0027304
*	*	*	*	*	*	*	*	*	*	*	*	*	Basic	Pesticides and environmental pollution	0017440
*	*	*	*	*	*	*	*	*	*	*	*	*	Basic	Insects ecology Techniques	0017450
*	*	*	*	*	*	*	*	*	*	*	*	*	Basic	Field crop diseases	0017460
*	*	*	*	*	*	*	*	*	*	*	*	*	Basic	Vegetable diseases and protected cultivation	0027410
*	*	*	*	*	*	*	*	*	*	*	*	*	Basic	Storages pests	0027420
*	*	*	*	*	*	*	*	*	*	*	*	*	Basic	Field crop insects	0027430

*	*	*	*	*	*	*	*	*	*	*	*	Basic	seminars	0027440	
*	*	*	*	*	*	*	*	*	*	*	*	Basic	Fruit diseases	0027450	
*	*	*	*	*	*	*	*	*	*	*	*	Basic	Agriculture Mite	1027400	
*	*	*	*	*	*	*	*	*	*	*	*	Basic	Horticulture Insects	0027460	
*	*	*	*	*	*	*	*	*	*	*	*	Basic	Biological control	0017101	
*	*	*	*	*	*	*	*	*	*	*	*	Basic	Integrated pest management	0017102	
*	*	*	*	*	*	*	*	*	*	*	*	Basic	Viruses	0017103	
*	*	*	*	*	*	*	*	*	*	*	*	Basic	Agricultural engineering project	1017104	
*	*	*	*	*	*	*	*	*	*	*	*	Basic	Fruit diseases	0017110	
*	*	*	*	*	*	*	*	*	*	*	*	Basic	Entomology	0017101	
*	*	*	*	*	*	*	*	*	*	*	*	Basic	Horticulture principles	0017102	
*	*	*	*	*	*	*	*	*	*	*	*	Basic	General Zoology	0017103	
*	*	*	*	*	*	*	*	*	*	*	*	Basic	Agricultural economy	1017104	

- Please tick the boxes corresponding to the individual program learning outcomes under evaluation.

