Ministry of Higher Education & Scientific Research Supervision and Scientific Evaluation Directorate Quality Assurance and Academic Accreditation

Academic Program Specification Form for the Academic

University: Anbar College: Agriculture Department: Animal Production Date Of Form Completion: 1/6/2020



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Date:1/6/2020

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Date:1/6/2020

Date :1/6/ 2020 Sígnature

Signature

Sígnature

Quality Assurance And University Performance ManagerDate Omar Hazym Ismail: Date :1/6/ 2020





TEMPLATE FOR PROGRAMME SPECIFICATION

HIGHER EDUCATION PERFORMANCE REVIEW: PROGRAMME REVIEW

PROGRAMME SPECIFICATION

This Programme Specification provides a concise summary of the main features of the programme and the learning outcomes that a typical student might reasonably be expected to achieve and demonstrate if he/she takes full advantage of the learning opportunities that are provided. It is supported by a specification for each course that contributes to the programme.

1. Teaching Institution	University of Anbar
2. University Department/Centre	Animal Production
3. Programme Title	Agriculture Vocabulary
4. Title of Final Award	Bachelor of Agriculture
5. Modes of Attendance offered	other
6. Accreditation	Study plan for the fourth stage
7. Other external influences	Related laws and guidelines
8. Date of production/revision of	1/6/2020
this specification	

9. Aims of the Programme

Providing students with knowledge of the nature and methods of diagnosing agricultural pests and combating them from an academic and professional point of view

Understand the nature of agricultural pests and their livelihood according to scientific standards

Understand the nature of direct and indirect economic damages caused by agricultural pests and how to deal with them according to correct applied scientific methods Provide students with information on how to manage IPM programs of pests

Provide students with information on how to manage IPM programs of pests

Develop their awareness regarding dealing with chemical pesticides and how to dispose of their residues

Training students based on the summer training system in the supportive competent authorities, such as the agricultural divisions and the agricultural quarantine

10. Learning Outcomes, Teaching, Learning and Assessment Methods

A. Knowledge and Understanding

1- Understand the concept of pest

2- Distinguish between a primary lesion and a secondary lesion

3- Distinguishing between types of insect, fungal, bacterial, viral and other pests.

4- Knowing the level of damage to the pest and when the control order is required

5- Knowing the appropriate type of pesticide or pest control and knowing the appropriate timing for the control

6-Identification of pesticides and their families and how to deal with them

7- Full knowledge of agricultural pest management.

B. Subject-specific skills

B1 - Knowing how to diagnose the pest

B 2 - Knowing how to determine the level of damage and the type as well as appropriate method and time of control.

B3 - Knowing how to manage the integrated crop

Teaching and Learning Methods

1- Adopting the method of giving lectures and linking each topic with examples from the reality of the agricultural work situation

2- Giving them some simple practical exercises that are discussed by the students and solved during the lecture with the participation of all students in the section with the professor to give the material as a kind of interaction.

3- Training students in laboratories by conducting the necessary laboratory tests for diagnosis

4- Summer training in supporting institutions such as the directorates of agriculture, silos and agricultural quarantine

Assessment Methods

1 - Through the participation of students in the lecture, based on their prior preparation of the subject.

2 - Giving them an exercise as a homework and asking for it to be solved with separate papers, collected from them in the next lecture.

3- Giving the students a case study and dividing the students into groups to write a report about such study.

4- Evaluation through periodic monthly exams.

C. Thinking Skills

C1- Instilling values and principles in the student by emphasizing the independence of the statistician when expressing his impartial opinion

C2- Emphasis on personal characteristics such as integrity, honesty, confidentiality and morals.

C3 - Statement of the importance of the rules of professional conduct and its exposure to legal penalties in case of violation

C4- Emphasizing the importance of combating financial and administrative corruption by the regulatory bodies.

Teaching and Learning Methods

1- Adopting the method of giving lectures and linking each topic with examples from the reality of the agricultural work situation

2- Giving them some simple practical exercises that are discussed by the students and solved during the lecture

With the participation of all students in the section with the professor to give the material as a kind of interaction.

3- Training students in laboratories by conducting the necessary laboratory tests for diagnosis

4- Summer training in supporting institutions such as the Directorates of Agriculture, Silos and Agricultural Quarantine

Assessment Methods

1 - Through the participation of students in the lecture, based on their prior preparation of the subject.

2 - Giving them an exercise as a homework and asking for it to be solved with separate papers, collected from them in the next lecture.

3- Giving the students a case study and dividing the students into groups to write a report about that study.

4- Evaluation through monthly exams.

D. General and Transferable Skills (other skills relevant to employability and personal development)

D1- Determine the type of pest D2- Determining the level of economic damage D 3- Determining the type, method and timing of the control

D4- Integrated pest management

Teaching and Learning Methods

1- Adopting the method of giving lectures and linking each topic with examples from the reality of the agricultural work situation

2- Giving them some simple practical exercises that are discussed by the students and solved during the lecture

With the participation of all students in the section with the professor to give the material as a kind of interaction.

3- Training students in laboratories by conducting the necessary laboratory tests for diagnosis

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Assessment Methods

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2 - Giving them an exercise as a homework and asking for it to be solved with separate papers, collected from them in the next lecture.

3- Giving the students a case study and dividing the students into groups to write a report about that study.

4- Evaluation through monthly exams.

11. Program	me Structure			
Level/Year	Course or Module Code	Course or Module Title	Credit rating	12. Awards and Credits
first	APP1103	Principles of animal production		Bachelor Degree
first	APP1106	analytical chemistry		Requires (x) credits
first	APP1101	flat space		
first	APP1104	Principles of soil		
first	APP2110	Principles of field crops		
first	APP2111	Principles of Statistics		
first	APP2108	Plant Protection Principles		

first	APP2107	Principles of poultry		
first	APP2102	organic chemistry		
first	APP2113	general animal		
first	APP3109	English Language -1		
first	APP3105	Arabic Language		
first	APP3112	Human rights and public freedom		
first	APP1114	computer applications-1		
first	APP1115	computer applications-2		
first	APP2116	mathematics		
second	APP1206	Microbiology Principles		
second	APP1201	animal production mechanization		
second	APP1204	Principles of ichthyology		
second	APP1202	Biochemistry		
second	APP1203	horticultural science		
second	APP2205	Principles of Agriculture Guidance		
second	APP2002	animal health products		
second	APP2008	Genetics		
second	APP2009	Forage and pasture crops		
second	APP2010	Fish farming and production		
second	APP2011	Principles of dairy science		
second	APP3212	principles of agricultural economics		
second	APP3213	Principles of Microbiology		
second	APP3214	English language		
second	APP3215	freedom and democracy		
second	APP1218	computer 1		

second	APP1219	computer 2		
third	APP2220	economics of animal		
		production		
third	APP2221	Animal nutrition		
third	APP2222	Hatching and hatchery management		
third	APP3216	Animal environment and behavior		
third	APP3217	Design and analysis of experiments		
third	APP3301	poultry physiology		
third	APP3302	Poultry Products Technology		
third	APP3303	animal diseases		
third	APP3304	Animal breeding		
third	APP3305	Reproductive physiology and artificial insemination		
third	APP3306	animal physiology		
fourth	APP3307	poultry breeding		
fourth	APP3308	meat production		
fourth	APP3309	Sheep and goat production		
fourth	APP3310	poultry nutrition		
fourth	APP3311	Management and production of poultry		
fourth	APP3312	pasture management		
fourth	APP3313	Graduation Research Project 1		
fourth	APP3314	poultry diseases		
fourth	APP3315	Molecular Biology		
fourth	APP3316	production of milk cows		
fourth	APP3317	hovering science		
fourth	APP3318	buffalo production		

fourth	APP3319	seminars	
fourth	APP3320	Graduation Research Project 2	

13. Personal Development Planning

Encouraging students to achieve the highest grades during the study stages in the college, so that they can be the first in order to achieve their dreams by completing their studies in postgraduate studies and encouraging them to enroll in postgraduate studies.

14. Admission criteria.

The average of the student in the high school, taking into account the desire of the student

15. Key sources of information about the programme

Methodological books (books, magazines, periodicals, and websites) specialized in the animal production

		C	Curriculum Ski	lls N	ſap														
please ti	ck in the re	elevant bo	oxes where indi	vidu	al Pr	ograi	mme	Lear	rning	g Outo	comes	are b	eing a	Issesse	d				
							Prog	ram	me L	earni	ng Ou	itcom	es						
Year / Level	Course Code	Course Title	Core (C) Title or Option (O)	Kno und	wledg erstan	ge and ding		Sub skill	ject-s ls	pecific	;	Thin	ıking S	kills		Ger S rele and	neral an kills (or evant to persona	d Transfo) Other s employa al develo	erable kills ability pment
				A1	A2	A3	A4	B 1	B2	B 3	B4	C1	C2	C3	C4	D1	D2	D3	D4
first first	APP1103	Human rights; freedom &Democra cy	Basic	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	N
	APP1106	English language 1	Basic	\checkmark		\checkmark	\checkmark	\checkmark	V	\checkmark	V	V	\checkmark	\checkmark	\checkmark		V	\checkmark	V
first	APP1101	English language 2	Basic	\checkmark	\checkmark	\checkmark	\checkmark	V	\checkmark	\checkmark	\checkmark	V	\checkmark	\checkmark	\checkmark	V		\checkmark	\checkmark
first	APP1104	Computer Science 1	Basic	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark		\checkmark
first	APP2110	Computer Science 2	Basic	V	\checkmark	V	\checkmark	V	\checkmark		\checkmark	V	N	\checkmark	V	V	V	\checkmark	V
first	APP2111	General chemistry	Basic	V	\checkmark	V		V	\checkmark	V	V	V	V	V	V	\checkmark	\checkmark		V
first first	APP2108	Principles of horticultur e	Basic	V	V	V	\checkmark	V	V	V	V	V	V	V	V	V	V	V	V
	APP2107	Principle of agricultural economic	Basic	V	V	V	V	V	V	V	V	V	V	V	V	V	V	N	V
first	APP2102	Principle of food industries	Basic	\checkmark	V			V	V	\checkmark	V	V	\checkmark		V		V		N

first	APP2113	Principle of	Basic	\checkmark		\checkmark													
		prevention																	
first	APP3109	Botany	Basic																
first	APP3105	General entomolog y 1	Basic	N	N	ν	N	N	N	V	γ	γ	V	V	V	V	V	V	N
first	APP3112	General entomolog y 2	Basic	V	\checkmark	V													
first	APP1114	Physical education	elective	\checkmark															
first	APP1115	Band aid	elective	\checkmark															
first	APP2116	Organic chemistry	elective	\checkmark	\checkmark		\checkmark												
first	APP2117	Engineerin g drawing	elective	\checkmark	V	\checkmark	\checkmark												
first	APP3118	Zoology	elective	\checkmark															
second	APP1206	Arabic language	Basic	\checkmark															
second	APP1201	English language 3	Basic	\checkmark	V	\checkmark	\checkmark												
second	APP1204	English language 4	Basic	\checkmark															
second	APP1202	Computer Science 3	Basic	\checkmark	V	\checkmark	\checkmark	V	\checkmark	\checkmark									
second	APP1203	Computer Science 4	Basic	\checkmark	\checkmark		\checkmark	\checkmark	\checkmark		\checkmark								
second	APP2205	Mathemati cs	Basic	\checkmark		\checkmark	\checkmark												
second	APP2002	Machinery & equipment control	Basic			√	\checkmark		\checkmark	√	√	√					\checkmark	\checkmark	√

second	APP2008	Principles of field crops	Basic	\checkmark			\checkmark		V		\checkmark	\checkmark					V		
second	APP2009	Principles of soil	Basic	\checkmark															
second	APP2010	Principles of animal production	Basic	V	V	\checkmark	V	V	V	\checkmark	V	\checkmark							
second	APP2011	Principles of statistics	Basic	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	V	\checkmark	V	\checkmark	\checkmark						
second	APP3212	Insects taxonomy	Basic	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	V	\checkmark									
second	APP3213	Medical &veterinar y insects	Basic	V	V	\checkmark	V	V	V	V	\checkmark	\checkmark			\checkmark	V	\checkmark		\checkmark
second	APP3214	Plant nutrition	Basic	V	\checkmark	\checkmark	\checkmark	\checkmark	V	\checkmark	V	\checkmark	\checkmark						
second	APP3215	Plant physiology	Basic	V	\checkmark	\checkmark	\checkmark	\checkmark	V	\checkmark	V	\checkmark	\checkmark						
second	APP1218	Human developme nt	elective	V	V	\checkmark	\checkmark	V	V	\checkmark	V	V	V	V	\checkmark	\checkmark	\checkmark	V	\checkmark
second	APP1219	Civil defense	elective	V	\checkmark														
second	APP2220	Flat level	elective	\checkmark															
second	APP2221	Analytic chemistry	elective	\checkmark															
second	APP2222	Agricultura l extension	elective	V	\checkmark														
second	APP3216	Plant taxonomy	elective	V	\checkmark														
second	APP3217	Microbiolo gv	elective		\checkmark	\checkmark	\checkmark	\checkmark	V	\checkmark									
third	APP3301	Plant genetic	Basic		\checkmark	\checkmark	\checkmark	\checkmark	V	\checkmark	\checkmark	\checkmark				\checkmark	\checkmark		\checkmark

third	APP3302	Experimen tal design &analysis	Basic	\checkmark		V													
third	APP3303	Mycology 1	Basic	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark		\checkmark								
third	APP3304	Mycology 2	Basic	V	\checkmark														
third	APP3305	Insect physiology	Basic	\checkmark															
third	APP3306	Plant ecology	Basic	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark		\checkmark								
third	APP3307	Weed & control methods	Basic		\checkmark	\checkmark		V		V	V	\checkmark	V	V	V	V	\checkmark	V	V
third	APP3308	Plant pathology	Basic	\checkmark															
third	APP3309	Bee breeding	Basic	\checkmark	V	\checkmark													
third	APP3310	Nematodes	Basic	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark		\checkmark								
third	APP3311	Plant breeding	Basic	\checkmark															
third	APP3312	Biochemist ry	Basic	\checkmark	\checkmark		\checkmark												
third	APP3313	Biotechnol ogy	Basic	\checkmark															
third	APP3314	The Nano technique	elective	V	\checkmark		\checkmark	\checkmark	V	\checkmark									
third	APP3315	Remote sensing	elective	\checkmark	\checkmark		\checkmark												
fourth	APP3401	Field crops diseases	Basic	\checkmark															
fourth	APP3404	Pesticides	Basic	\checkmark	\checkmark		\checkmark	\checkmark	\checkmark		\checkmark	\checkmark		\checkmark			\checkmark	\checkmark	\checkmark
fourth	APP3405	Insect ecology	Basic	\checkmark	\checkmark				\checkmark										

fourth	APP3403	Storage pests	Basic	\checkmark		\checkmark	\checkmark		\checkmark										
fourth	APP3406	Diseases of vegetables & protected agriculture	Basic	V	V	V	V	V	V	V	V	V	V		\checkmark	\checkmark			N
fourth	APP3402	Biological control	Basic	\checkmark		\checkmark	\checkmark	\checkmark	\checkmark										
fourth	APP3408	Fruit diseases	Basic	\checkmark															
fourth	APP3409	Plant virology	Basic	\checkmark															
fourth	APP3407	Agriculture mites	Basic	\checkmark															
fourth	APP3410	Field crops insects	Basic	\checkmark															
fourth	APP3411	Horticultur es insects	Basic	\checkmark															
fourth	APP3412	Integrated pest manageme nt	Basic	V	V	V	V	\checkmark	V	\checkmark	V	V	\checkmark		\checkmark	\checkmark		\checkmark	\checkmark
fourth	APP3413	Ecology pollution	Basic	\checkmark	\checkmark	\checkmark	\checkmark		\checkmark										
fourth	APP3417	Seminar	Basic	\checkmark		\checkmark		\checkmark	\checkmark	\checkmark	\checkmark								
fourth	APP3418	Research project	Basic	\checkmark	\checkmark	\checkmark	V	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	V	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark
fourth	APP3414	Bacteria &plant pathogenic phytoplas ma	elective	\checkmark		V	V		V	\checkmark	V	\checkmark	\checkmark		V	V	V		\checkmark
fourth	APP3415	Technolog y for the production	elective		\checkmark	\checkmark		V		V	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark		V	\checkmark

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