

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



## Academic Program Specification Form For The Academic Year

University: **Fallujah**  
College : **Veterinary Medicine**  
Date Of Form Completion : 30/5/2024

*Hadeel M. Fayyadh*

Assist. Prof. Dr. Hadeel Mohamed Faith

Dean's Name

Date : 30 / 5 / 2024

Signature

*Saad Thabet Jassim*

Prof. Dr. Saad Thabet Jassim

Dean's Assistant For Scientific Affairs

Date : 30 / 5 / 2024

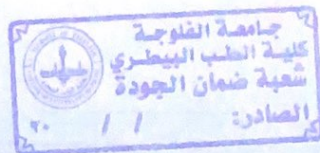
Signature

Assist. Prof. Dr. Mohamed Moslih Shwish  
Quality Assurance And University Performance Manager

Date : 30 / 5 / 2024

Signature

*Mohamed Moslih Shwish*



# TEMPLATE FOR PROGRAMME SPECIFICATION

## HIGHER EDUCATION PERFORMANCE REVIEW: PROGRAMME REVIEW

### PROGRAMME SPECIFICATION

This Program Specification provides a concise summary of the main features of the program 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 program.

1. Teaching Institution	University of Fallujah
2. College	Veterinary Medicine
3. Program Title	Bachelor's in Veterinary Science
4. Title of Final Award	Bachelor's in Science of Veterinary Medicine and Surgery
5. Modes of Attendance offered	Semesters
6. Accreditation	National Council for Accreditation of Veterinary Medicine College
7. Other external influences	European System of Evaluation of Veterinary Training (ESEVT) European Association of Establishments for Veterinary Education” (EAEVE) European Coordinating Committee on Veterinary Training (ECCVT) European Board for Veterinary Specialization” (EBVS) World Organization of Animal Health (WOAH)
8. Date of production/revision of this specification	2024-2023
9. The Vision	The College of Veterinary Medicine aspires to become an open, internationally accredited, guiding research institution, distinguished in the field of veterinary

education, playing an active role in serving the community and the country, and making a significant contribution to the development of all and preserving sustainable food security.

#### 10. College Mission

The college seeks to provide high-quality education in the field of veterinary medicine and other fields related to food safety and security and human health, and to be a pioneer in providing services to the community and enriching the labor market with scientific and professional competencies and encouraging distinguished research and entrepreneurial projects for faculty and students, and giving a greater role to applied research projects that provide service to the community.

#### 11. College Aims:

1. Qualifying competent graduates who are able to enrich the requirements of the labor market in addition to developing their skills and competing locally, regionally and globally in the field of veterinary medicine.
2. Upgrading the professional performance of the veterinarian and developing his communication and decision-making skills with awareness of the contemporary scientific and technical aspects in the field of veterinary medicine.
3. Bringing students and graduates to a level that qualifies them to perform the duties that fall on the veterinarian by preparing specialized scientific laboratories, modern curricula and all necessary means to complete the educational process.
4. Improving the capabilities of faculty members in addition to developing the efficiency of administrators in the college within the comprehensive quality.
5. Improving the quality of scientific research and trying to apply it in addition to improving the efficiency of the quality system and serving the community.
6. Enhancing the financial capabilities of the college and ensuring the continuity of services by developing and expanding the funding base

#### 12. Aims of the Program

- ❖ The academic program aims to graduate competent veterinarians who are scientifically and skillfully qualified and can contribute to various fields of veterinary, health and environmental services.
- ❖ Improving the professional performance of the veterinarian and developing his skills in communication, decision-making, and awareness of contemporary scientific and technical aspects in the field of veterinary medicine.

- ❖ The academic program aims to provide students with comprehensive and up-to-date knowledge in veterinary medical sciences and develop their scientific abilities, which can be summarized as follows: Diagnosis and treatment of diseases of animals, birds and fish, providing knowledge in the field of preventive veterinary medicine and epidemic control, cognitive development in public health and protecting humans from diseases and harmful residues transmitted to them from animals, products and animal waste, developing skills of caring for and developing livestock and protecting the environment.

### 13. Learning Outcomes, Teaching, Learning and Assessment Methods

#### A. Knowledge and Understanding

- A1- The student acquires medical diagnosis skills.
- A2- Learns basic knowledge and sciences in zoology.
- A3-learning examination of animal products and validity.
- A4- Learning the zoonotic diseases, and epidemiological diseases.
- A5- Improving the professional performance of the veterinarian and his various communication skills and awareness of issues.
- A6-Contemporary modern scientific knowledge in the field of veterinary medicine.

#### B. Subject-specific skills

- B1 - Improving the scientific capabilities of the veterinarian
- B2 - Improving the professional capabilities of the veterinarian
- B3 - Improving the clinical and diagnostic capabilities of the veterinarian

#### Teaching and Learning Methods

1. Theoretical, practical and clinical lectures
2. Practical and clinical training
3. Preparing scientific research and reports
4. Exercises and activities outside the lesson.

#### Assessment methods

1. Quiz
2. Semester and final exams
3. Practical and clinical exams
4. Evaluation of participation
5. Evaluation through preparing reports and seminars

C. Thinking Skills

C1- The ability to analyze

C2- Developing the student's ability to deal with technology.

C3- Developing the student's ability to dialogue and discuss.

C4- Development ability of application

C5- Improving the confidence

C6- Developing professional ethics

Teaching and Learning Methods

D - General and qualifying transferable skills (other skills related to employability and personal development).

D1- Teamwork in scientific laboratories

D2-The ability to direct and motivate others to perform work and suggest topics

D3- Fruitful scientific research

D4- Developing the student's ability to self-educate

14. Awards and Credits

11. Program Structure

Level/Year	Course or Module Code	Course or Module Title	rating		Credit	
			Practical		Theoretical	
First	<b>VEH1103</b>	<b>Animal Management part 1</b>	30		30	
First	<b>VEH1107</b>	<b>Animal Management part2</b>	30			30
First	<b>VEH110H</b>	<b>Poultry Management</b>	30			15
First	<b>VED1004</b>	<b>Computer part1</b>	30			30
First	<b>VEH1001</b>	<b>Democracy And Human Rights</b>				30
First	<b>VEP1003</b>	<b>English Language part1</b>				30
First	<b>VEA1101</b>	<b>Anatomy part1</b>	45			30
First	<b>VEA1101</b>	<b>Anatomy part2</b>	45			30
First	<b>VEA1102</b>	<b>Biology part1</b>	30			30
First	<b>VEA1102</b>	<b>Biology part2</b>	30			30

First	<b>VEP10032</b>	<b>Arabic Language</b>		30
First	<b>VEP1006</b>	<b>Biosafety</b>		30
First	<b>VEP1109</b>	<b>General Chemistry part1</b>	30	30
First	<b>VEP1109</b>	<b>General Chemistry part 2</b>	30	30
Second	<b>VEA2101</b>	<b>Anatomy part 2</b>	30	30
Second	<b>VEA2101</b>	<b>Anatomy part 1</b>	30	30
Second	<b>VEA2102</b>	<b>Histology part 2</b>	45	30
Second	<b>VEA2102</b>	<b>Histology part 1</b>	45	30
Second	<b>VEA2112</b>	<b>EMBRIOLOGY</b>		30
Second	<b>VEH2106</b>	<b>Genetics</b>		30
Second	<b>VEH2113</b>	<b>Statistics</b>	30	30
Second	<b>VEP2103</b>	<b>Physiology part 2</b>	30	60
Second	<b>VEP2103</b>	<b>Physiology part 1</b>	30	60
Second	<b>VEP2104</b>	<b>Biochemistry part 1</b>	30	45
Second	<b>VEP2104</b>	<b>Biochemistry part 2</b>	30	45
Third	<b>VEM3114</b>	<b>General Microbiology</b>	30	45
Third	<b>VEM3124</b>	<b>Special Microbiology</b>	30	45
Third	<b>VEP3115</b>	<b>IMMUNOLOGY</b>	30	30
Third	<b>VEM3126</b>	<b>Virology</b>	30	30
Third	<b>VED3110</b>	<b>General Pathology</b>	45	45
Third	<b>VED3121</b>	<b>Special Pathology</b>	45	45
Third	<b>VEC3127</b>	<b>CLINIC</b>	30	
Third	<b>VEP3116</b>	<b>TOXICOLOGY</b>		30
Third	<b>VEM3122</b>	<b>Parasitology</b>	30	45

Third	<b>VEM3122</b>	<b>PROTOZOA and ARTHROPODA</b>	30	45
Third	<b>VEP3111</b>	<b>Pharmacology</b>	30	45
Fourth	<b>VED4111</b>	<b>Morbid Anatomy 1</b>	30	15
Fourth	<b>VED4111</b>	<b>Morbid Anatomy 2</b>	30	15
Fourth	<b>VED4114</b>	<b>Poultry Diseases1</b>	30	30
Fourth	<b>VED4114</b>	<b>Poultry Diseases2</b>	30	30
Fourth	<b>VEC4112</b>	<b>CLINIC 1</b>	60	
Fourth	<b>VEC4112</b>	<b>CLINIC 1</b>	60	
Fourth	<b>VEC4117</b>	<b>Infectious Disease 1</b>		60
Fourth	<b>VEC4107</b>	<b>Infectious Disease 1</b>		60
Fourth	<b>VEC4117</b>	<b>Epidemiological</b>		30
Fourth	<b>VEC4119</b>	<b>Clinical Pathology 1</b>	30	15
Fourth	<b>VEC4119</b>	<b>Clinical Pathology 2</b>	30	15
Fourth	<b>VEC4128</b>	<b>Internal Medicine 1</b>		45
Fourth	<b>VEC4128</b>	<b>Internal Medicine 2</b>		45
Fourth	<b>VEC4107</b>	<b>Zoonotic Diseases</b>		30
Fourth	<b>VEC4111</b>	<b>Female Fertility</b>	30	30
Fourth	<b>VEC4124</b>	<b>Surgery 1</b>	30	30
Fourth	<b>VEC4125</b>	<b>Surgery 2</b>	30	30
Fourth	<b>VEC5112</b>	<b>Clinic 1</b>	210	
Fourth	<b>VEC5112</b>	<b>Clinic 2</b>	180	
Fourth	<b>VEC5111</b>	<b>Artificial Insemination</b>	30	15
Fourth	<b>VEC5117</b>	<b>Reproductive Biotechnology</b>	30	15

Fifth	<b>VEC5115</b>	<b>Surgery 1</b>	30	30
Fifth	<b>VEC5115</b>	<b>Surgery 2</b>	30	30
Fifth	<b>VEC5125</b>	<b>Research Projects</b>		15
Fifth	<b>VED5110</b>	<b>Fish Diseases</b>	30	30
Fifth	<b>VED5122</b>	<b>Forensic Pathology</b>	30	30
Fifth	<b>VEH5114</b>	<b>Meat Hygiene</b>	30	30
Fifth	<b>VEH5121</b>	<b>Milk Hygiene</b>	30	30
Fifth	<b>VEC5119</b>	<b>Veterinary Ethics</b>		15
Fifth	<b>VEC5113</b>	<b>Internal Medicine 1</b>		30
Fifth	<b>VEC5113</b>	<b>Internal Medicine 2</b>		30
Fifth	<b>VEC5124</b>	<b>Summer CLINIC</b>	48	

#### 15. Personal Development Planning

1. Developing the student's ability to deal with multiple media.
2. Developing the student's ability to interact with the work environment
3. Developing communication capabilities and enhancing personality
4. Developing the ability to deal with trainers
5. Developing the student's ability to participate in group and volunteer work

#### 16. Admission criteria .

Acceptance criterion: Central admission, provided that the applicant's GPA is not less than 70 according to an admission plan



## 17. Improvement plan

1 .Improving the educational environment and investing in information technology to improve the quality of education:

Implementation: It is implemented by developing buildings and laboratories and equipping classrooms with educational supplies and smart devices and using e-learning

2 .Raising the efficiency of academic performance of faculty members and improving the performance of faculty members and building their scientific, research, educational and professional capabilities within the overall quality to improve job and academic performance:

Implementation: It is implemented through training the teaching staff and using feedback to identify and address failures.

3 .Developing scientific research to contribute to solving community problems and launching a business incubator in the college to embrace pioneering projects:

Implementation: It is implemented through twinning agreements with a number of colleges in local, Arab and international universities, and concluding research cooperation agreements with local and international institutions to benefit from the activities of international organizations to provide research funding.

4 .Communicating, cooperating and opening horizons with the private sector to provide job opportunities for graduates:

Implementation: Implemented by involving the private sector in managing the academic program to produce outputs that meet the requirements of the labor market.

5 .Supporting and developing student activities, as well as developing and supporting the talented:

Implementation: Activating and following up on specialized units, expanding sports and artistic buildings, caring for the talented, motivating and honoring them, and enabling students to acquire intellectual skills.

6 .Striving to increase the number of incoming students and attracting them:

Implementation: Implemented by allocating 5% of seats for undergraduate studies and 1% of seats for postgraduate studies, providing free scholarships, providing suitable housing, and facilitating procedures for admission and residence.

7 .Working to support clinical and practical services to provide service to the community and breeders:

Implementation: Implemented by opening a teaching hospital and facilitating the work of administrative units and consulting offices to provide veterinary services and conducting campaigns to treat, vaccinate and immunize animals.

## 18. Key sources of information about the program

European Coordinating Committee on Veterinary Training (ECCVT)  
European Board for Veterinary Specialization" (EBVS)  
World Organization of Animal Health (WOAH)

## Curriculum Skills Map

**please tick in the relevant boxes where individual Programme Learning Outcomes are being assessed**

				Programme Learning Outcomes															
Year / Level	Course Code	Course Title	Core (C) Title or Option (O)	Knowledge and understanding				Subject-specific skills				Thinking Skills				General and Transferable Skills (or) Other skills relevant to employability and personal development			
				A1	A2	A3	A4	B1	B2	B3	B4	C1	C2	C3	C4	D1	D2	D3	D4
First First	VEH1103	Animal Management	C	X					X				X				X		
	VEH1107	Animal Management	C	X					X				X				X		
First First	VEH110H	Poultry Management	C	X					X				X				X		
	VED1004	Computer part1	C			X				X					X				X
First First	VEH1001	Democracy And	C			X				X					X				X
	VEP1003	English Language	C			X				X					X				X
First First	VEA1101	Anatomy part1	C	X				X				X					X		
	VEA1101	Anatomy part2	C	X				X				X					X		
First First	VEA1102	Biology part1	C		X				X				X					X	
	VEA1102	Biology part2	C		X				X				X					X	
First First	VEP10032	Arabic Language	C				X				X					X			X
	VEP1006	Biosafety	C				X				X					X			X
First	VEP1109	General Chemistry	C			X				X				X				X	
First	VEP1109	General Chemistry	C			X				X				X				X	
Second	VEA2101	Anatomy part 2	C		X				X				X					X	
Second	VEA2101	Anatomy part 1	C		X				X				X					X	
Second	VEA2102	Histology part 2	C		X				X				X					X	
Second	VEA2102	Histology part 1	C		X				X				X					X	

Second	VEA2112	EMBRIOLOGY	C			x				x					x				x
Second	VEH2106	Genetics	C		x				x				x						x
Second	VEH2113	Statistics	C				x				x				x				x
Second	VEP2103	Physiology part 2	C		x				x				x						x
Second	VEP2103	Physiology part 1	C		x				x				x						x
Second	VEP2104	Biochemistry part 1	C	x					x				x						x
Second	VEP2104	Biochemistry part 2	C	x					x				x						x
Third	VEM3114	General Microbiology	C	x					x				x						x
Third	VEM3124	Special Microbiology	C	x					x				x						x
Third	VEP3115	IMMUNOLOGY	C		x				x				x						x
Third	VEM3126	Virology	C			x				x				x					x
Third	VED3110	General Pathology	C	x					x				x						x
Third	VED3121	Special Pathology	C	x					x				x						x
Third	VEC3127	CLINIC	C	x					x				x						x
Third	VEP3116	TOXICOLOGY	C			x				x				x					x
Third	VEM3122	Parasitology	C		x				x				x						x
Third	VEM3122	PROTOZOA and (PHYTOZOON)	C		x				x				x						x
Third	VEP3111	Pharmacology	C		x				x				x						x
Fourth	VED4111	Morbid Anatomy 1	C			x				x				x					x
Fourth	VED4111	Morbid Anatomy 2	C			x				x				x					x
Fourth	VED4114	Poultry Diseases1	C	x					x				x						x
Fourth	VED4114	Poultry Diseases2	C	x					x				x						x
Fourth	VEC4112	CLINIC 1	C	x					x				x						x
Fourth	VEC4112	CLINIC 1	C	x					x				x						x
Fourth	VEC4117	Infectious Disease 1	C		x				x				x						x
Fourth	VEC4107	Infectious Disease 1	C		x				x				x						x

Fourth	VEC4117	Epidemiological	C	x				x				x				x			
Fourth	VEC4119	Clinical Pathology 1	C		x			x				x					x		
Fourth	VEC4119	Clinical Pathology 2	C		x			x				x					x		
Fourth	VEC4128	Internal Medicine 1	C	x				x				x					x		
Fourth	VEC4128	Internal Medicine 2	C	x				x				x					x		
Fourth	VEC4107	Zoonotic Diseases	C	x				x				x					x		
Fourth	VEC4111	Female Fertility	C		x			x				x					x		
Fourth	VEC4124	Surgery 1	C	x				x				x					x		
Fourth	VEC4125	Surgery 2	C	x				x				x					x		
Fourth	VEC5112	Clinic 1	C	x				x				x					x		
Fourth	VEC5112	Clinic 2	C	x				x				x					x		
Fourth	VEC5111	Artificial Insemination	C		x			x				x					x		
Fourth	VEC5117	Reproductive	C		x			x				x					x		
Fifth	VEC5115	Surgery 1	C	x				x				x					x		
Fifth	VEC5115	Surgery 2	C	x				x				x					x		
Fifth	VEC5125	Research Projects	C			x			x				x						x
Fifth	VED5110	Fish Diseases	C		x			x				x					x		
Fifth	VED5122	Forensic Pathology	C			x			x				x						x
Fifth	VEH5114	Meat Hygiene	C		x			x				x					x		
Fifth	VEH5121	Milk Hygiene	C		x			x				x					x		
Fifth	VEC5119	Veterinary Ethics	C			x			x				x						x
Fifth	VEC5113	Internal Medicine 1	C	x				x				x					x		
Fifth	VEC5113	Internal Medicine 2	C	x				x				x					x		
Fifth	VEC5124	Summer CLINIC	C			x			x				x						x

