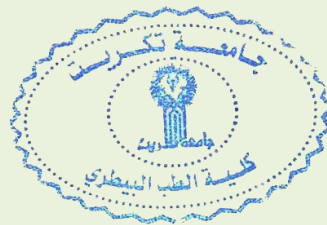



Republic of Iraq
Ministry of Higher Education & Scientific Research
Supervision and Scientific Evaluation Directorate
Quality Assurance and Academic Accreditation





Academic Program Specification Form For The Academic Year 2024 - 2025

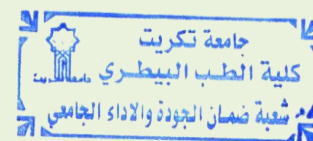
University: Tikrit
College : Veterinary Medicine
Date Of Form Completion : 6/10/2024



Prof. Dr. Bashar Sadeq Numi
Dean 's Name
Date : 6/ 10 / 2024
Signature 

Prof. Dakheel Hussein Hadree
Dean 's Assistant For Scientific
Affairs
Date : 6 / 10 / 2024
Signature 

Assist. Prof. Dr Ahmed Abdullah Sultan
Quality Assurance And University Performance Manager
Date : 6 / 10 / 2024
Signature 



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 Tikrit
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	2024-2025
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.

College Aims:

1. 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.
2. 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.
3. 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.
4. 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.
5. Improving the capabilities of faculty members in addition to developing the efficiency of administrators in the college within the comprehensive quality.
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

The student acquires medical diagnosis skills.

Learns basic knowledge and sciences in zoology.

learning examination of animal products and validity.

Learning the zoonotic diseases, and epidemiological diseases.

Improving the professional performance of the veterinarian and his various communication skills and awareness of issues.

Contemporary modern scientific knowledge in the field of veterinary medicine.

B. Subject-specific skills

1. Improving the scientific capabilities of the veterinarian
2. Improving the professional capabilities of the veterinarian
3. 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. Semester and final exams
2. Quiz

3. Practical and clinical exams
4. Evaluation of participation
5. Evaluation through preparing reports and seminars

B. Thinking Skills

1. The ability to analyze
2. Developing the student's ability to deal with technology.
3. Developing the student's ability to dialogue and discuss.
4. Development ability of application
5. Improving the confidence
6. Developing professional ethics

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

1. Teamwork in scientific laboratories
2. The ability to direct and motivate others to perform work and suggest topics
3. Fruitful scientific research
4. 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	VEH1103	Animal Management part 1	30		30
First	VEH1107	Animal Management part2	30		30
First	VEH1108	Poultry Management	30		15
First	VED1004	Computer part1	30		
First	VEP10022	Computer part2	30		30
First	VEH1001	Democracy And Human Rights			30
First	VEP1003	English Language part1			30
First	VEA1101	Anatomy part1	45		30
First	VEA1106	Anatomy part2	45		30

First	VEA1102	Biology part1	30	30
First	VED1106	Biology part2	30	30
First	VEP10032	Arabic Language		30
First	VEM1106	Biosafety		30
First	VEP1104	General Chemistry part1	30	30
First	VEP1109	General Chemistry part 2	30	30
Second	VEA2101	Anatomy part 1	30	30
Second	VEA2107	Anatomy part 2	30	30
Second	VEA2102	Histology part 1	45	30
Second	VEA2108	Histology part 2	45	30
Second	VEA2112	EMBRIOLOGY		30
Second	VEH2106	Genetics		30
Second	VEH2113	Statistics	30	30
Second	VEP2103	Physiology part 1	30	60
Second	VEP2109	Physiology part 2	30	60
Second	VEP2104	Biochemistry part 1	30	45
Second	VEP2110	Biochemistry part 2	30	45
Second	VEH2105	Animal Nutrition part 1	30	30
Second	VEH2111	Animal Nutrition part 2	30	30
Third	VEM3114	General Microbiology	30	45
Third	VEM3124	Special Microbiology	30	45
Third	VEP3115	IMMUNOLOGY	30	30
Third	VEM3126	Virology	30	30
Third	VED3110	General Pathology	45	45

Third	VED3120	Special Pathology	45	45
Third	VEC3127	CLINIC	30	
Third	VEP3116	TOXICOLOGY		30
Third	VEM3112	Parasitology	30	45
Third	VEM3122	PROTOZOA and ARTHROPODA	30	45
Third	VEP3111	Pharmacology1	30	45
Third	VEP3121	Pharmacology 2	30	45
Fourth	VED4111	Morbid Anatomy 1	30	15
Fourth	VED4121	Morbid Anatomy 2	30	15
Fourth	VED4114	Poultry Diseases1	30	30
Fourth	VEC4124	Poultry Diseases2	30	30
Fourth	VEC4112	CLINIC 1	60	
Fourth	VEC4123	CLINIC 2	60	
Fourth	VEC4117	Infectious Disease 1		60
Fourth	VEC4126	Infectious Disease 2		60
Fourth	VEC4120	Epidemiological		30
Fourth	VEC4119	Clinical Pathology 1	30	15
Fourth	VEC4127	Clinical Pathology 2	30	15
Fourth	VEC4110	Internal Medicine 1		45
Fourth	VEC4128	Internal Medicine 2		45
Fourth	VEC4107	Zoonotic Diseases		30
Fourth	VEC4111	Female Fertility	30	30
Fourth	VEC4122	Male Fertility	30	30
Fourth	VEC4115	Surgery 1	30	30

Fourth	VEC4125	Surgery 2	30	30
Fifth	VEC5112	Clinic 1	210	
Fifth	VEC5118	Clinic 2	180	
Fifth	VEC5111	Artificial Insemination	30	15
Fifth	VEC5117	Reproductive Biotechnology	30	15
Fifth	VEC5115	Surgery 1	30	30
Fifth	VEC5123	Surgery 2	30	30
Fifth	VEC5125	Research Projects		15
Fifth	VED5110	Fish Diseases	30	30
Fifth	VED5122	Forensic Pathology	30	30
Fifth	VEH5114	Meat Hygiene	30	30
Fifth	VEH5121	Milk Hygiene	30	30
Fifth	VEC5119	Veterinary Ethics		15
Fifth	VEC5113	Internal Medicine 1		30
Fifth	VEC5120	Internal Medicine 2		30
Fifth	VEC5124	Summer CLINIC	48	
Fifth	VEC5125	Research Projects		

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	
	VEH1108	Animal Management	C	x					x				x					x	
First First	VEH1107	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		
	VEA1106	Anatomy part2	C	x				x				x					x		
First First	VEA1102	Biology part1	C		x				x				x					x	
	VED1106	Biology part2	C		x				x				x					x	
First First	VEP10032	Arabic Language	C				x				x					x			x
	VEM1006	Biosafety	C				x				x					x			x
First	VEP1104	General Chemistry	C			x				x				x				x	
First	VEP1109	General Chemistry	C			x				x				x				x	
Second	VEA2101	Anatomy part 1	C		x				x				x					x	
Second	VEA2107	Anatomy part 2	C		x				x				x					x	
Second	VEA2102	Histology part 1	C		x				x				x					x	
Second	VEA2108	Histology part 2	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 1	C		x				x				x					x	
Second	VEP2109	Physiology part 2	C		x				x				x					x	
Second	VEP2104	Biochemistry part 1	C	x					x				x					x	
Second	VEP2110	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	VED3120	Special Pathology	C	x					x				x					x	
Third	VEC3127	CLINIC	C	x					x				x					x	
Third	VEP3116	TOXICOLOGY	C			x				x				x					x
Third	VEM3112	Parasitology 1	C		x				x				x					x	
Third	VEM3122	PROTOZOA and ARTHROPODA	C		x				x				x					x	
Third	VEP3111	Pharmacology	C		x				x				x					x	
Fourth	VED4111	Morbid Anatomy 1	C			x				x				x					x
Fourth	VED4121	Morbid Anatomy 2	C			x				x				x					x
Fourth	VED4114	Poultry Diseases1	C	x					x				x					x	
Fourth	VEC4124	Poultry Diseases2	C	x					x				x					x	
Fourth	VEC4112	CLINIC 1	C	x					x				x					x	
Fourth	VEC4123	CLINIC 1	C	x					x				x					x	
Fourth	VEC4117	Infectious Disease 1	C		x				x				x					x	
Fourth	VEC4126	Infectious Disease 2	C		x				x				x					x	

Fourth	VEC4120	Epidemiological	C	x				x				x				x		
Fourth	VEC4119	Clinical Pathology 1	C		x			x				x					x	
Fourth	VEC4127	Clinical Pathology 2	C		x			x				x					x	
Fourth	VEC4110	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	VEC4115	Surgery 1	C	x				x				x					x	
Fourth	VEC4125	Surgery 2	C	x				x				x					x	
Fifth	VEC5112	Clinic 1	C	x				x				x					x	
Fifth	VEC5118	Clinic 2	C	x				x				x					x	
Fifth	VEC5111	Artificial Insemination	C		x			x				x					x	
Fifth	VEC5117	Reproductive	C		x			x				x					x	
Fifth	VEC5115	Surgery 1	C	x				x				x					x	
Fifth	VEC5123	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	VEC5120	Internal Medicine 2	C	x				x				x					x	
Fifth	VEC5124	Summer CLINIC	C				x			x				x				x

