

QU

Saudi Arabia

**Qassim
University**



جامعة القصيم

College of Agriculture and Veterinary Medicine

Veterinary Medicine Program

Summary of Program Specification

Bachelor of Veterinary Medicine Program

(BVM/VMD)

Program Specifications

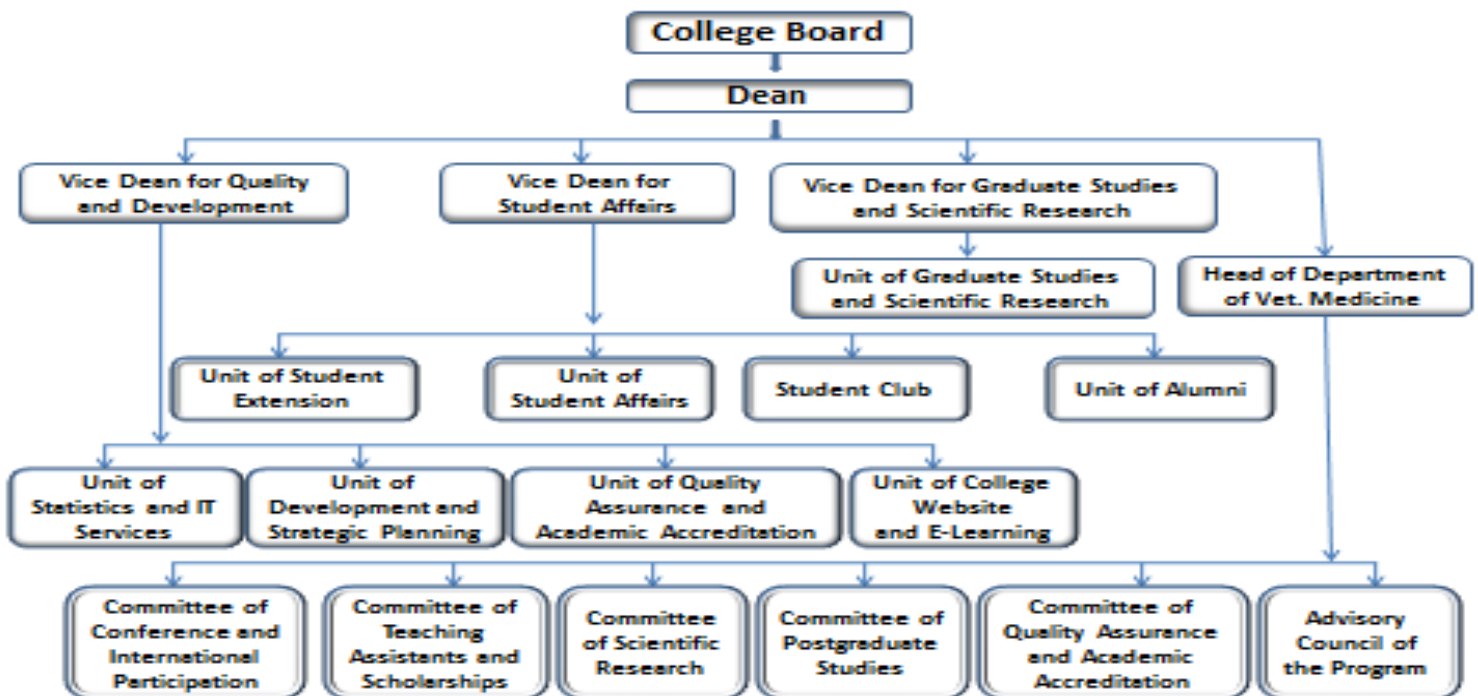
1. **Institution:** Qassim University

Date of Report: Jan., 2018

2. **College/Department:** College of Agriculture and Veterinary Medicine / Department of Veterinary Medicine

3. **Dean:**Dr. Khaled B. Al-Harbi

4. **Insert program administrative flowchart:**



5. **Branches/locations offering this program:**

Location 1. Main Campus of Qassim University (Basic and Para-clinic courses).

Location 2. Veterinary Teaching Hospital, about 5 km away from the main campus (Clinic courses).

A. Program Identification and General Information

1. Program title and code: BVM & VMD		
2. Total credit hours needed for completion of the program: 186 (BVM) & 195 (VMD)		
3. Award granted on completion of the program: BVM degree		
4. Major tracks/pathways or specializations within the program: Veterinary Medicine (one track).		
5. Intermediate Exit Points and Awards: None		
6. Professional occupations(licensed occupations, if any) for which graduates are prepared. (If there is an early exit point from the program (e.g. diploma or associate degree) include professions or occupations at each exit point) Veterinarians (no exit points)		
7. (a) New Program <input type="checkbox"/> Planned starting date <input type="text"/>		
(b) Continuing Program <input checked="" type="checkbox"/> Year of most recent major program review <input type="text" value="2016"/>		
List recent major review or accreditation contracts.		
1. The program has been recently fully accredited by the external review panel of the EEC-HES for 7 years, from 2016 to 2023.		
2. Annual reviewing is routinely conducted by the Deanship of Development & Quality, Qassim University.		
8. Name of program coordinator or chair. If a program coordinator or chair has been appointed for the female section as well as the male section, include names of both. Dr. Abdullah F. Alsayegh (Head of Department)		
9. Date of approval by the authorized body (MOE).		
Campus Location	Approval By	Date
Branch 1:Main Campus	Council of Higher Education	1987 (1407 AH)
Branch 2:VeterinaryTeaching Hospital		

B. Program Context

1. Explain why the program was established.

a. Summarize economic reasons, social or cultural reasons, technological developments, national policy developments or other reasons.

Economic reasons:

- To meet the national needs for animal and poultry resources through a guaranteed veterinary services for diagnosis, control and prevention of diseases in both public and private sectors.
- To effectively participate in the national plan to increase the income of animal wealth through cooperation and execution of Ministry of Agriculture (MOA) strategic plans such as epidemiological investigations to prevent disease outbreaks, especially those of public health importance.
- Consultancy services for establishment of animal investment and health provision can also be offered.

Social & cultural reasons:

To:

- Reduce the country dependence on foreign veterinarians.
- Keep valuable animals of cultural importance sound (certain races of camels, horses and sheep)
- Minimize the role of animals, birds and fish as sources of hazardous zoonotic human pathogens.
- Conserve wildlife and environment.

Technological developments:

- One of the main objectives of the Program is to improve veterinary services through adoption and using of modern techniques.
- Graduating veterinarians capable of carrying out traditional and modern techniques in the different fields (clinical and laboratory diagnosis, enhancement and modulation of animal production and reproduction, surgical corrections). This is because modern techniques are continuously invented. Students enrolled in the program are regularly updated about such changes.

b. Explain the relevance of the program to the mission and goals of the institution.

The program is almost relevant to the mission of the Qassim University, which has a comprehensive mission statement "Providing manpower needed for the social development plans in the kingdom". No doubt, providing Saudi Arabia with skilled veterinarians coincides with the university mission.

2. Relationship (if any) to other programs offered by the institution/college/department:

a. Does this program offer courses that students in other programs are required to take? Yes

No

If yes, what has been done to make sure those courses meet the needs of students in the other programs?

Joint meeting is held with concerned departments (Animal Production & Breeding Department, Plant Production & Protection Department and Nutritional Sciences and Human Nutrition Department) to develop a course specifications based on the course description that meet their students needs. Moreover, the course constituents prepared by the concerned programs are well known by courses instructors. For example, Animal and Poultry Health and Diseases, Physiology, Wild Life Protection are courses included in other programs and delivered by this Program.

b. Does the program require students to take courses taught by other departments? Yes

No

If yes, what has been done to make sure those courses in other departments meet the needs of students in this program?

- Joint meeting to review and submit a course specifications that meet our students needs. Examples: Animal Genetics and Breeding (APB339), Animal Nutrition (APB415), Principles of Agric. Economics (AGEC202), Principles of Animal Production (APB211) and many courses in levels 1 and 2.
- Assessment through course survey and provision of feedbacks.

3. Do students who are likely to be enrolled in the program have any special needs or characteristics? (eg. Part time evening students, physical and academic disabilities, limited IT or language skills).

Yes

No

For better learning outcomes, they need improvement in their English Language skills.

4. What modifications or services are you providing for special needs applicants?

It can be said that no special needs applicants, however, the applicants, in general, are usually weak in English and, therefore, they need special attention to strengthen their English language skills to enable them study the courses in the program. From academic year (2017/2018), the program started teaching its courses in English according to the new approved Plan of Study (VMD). In this new plan, especial English courses were included in the first two semesters to address such need and to prepare the students for the core courses. The staff members are ready to deliver the program in English. Students enrolled in the previous three years will continue in Arabic according to the previous plan of study(BVM).For fostering them with important English terms, the Dean of the College and Head of the Vet. Department have agreed upon and instructed the staff about enrichment of the courses with English terms and there is a course of scientific terms is taught in the 9th level of the program (413BVM, Scientific Terminology).

C. Mission, Goals and Objectives

1. Program Mission Statement (insert).

The mission of the Department of Veterinary Medicine is to provide teaching, research and community service programs that benefit the animal welfare, poultry and society.

2. List Program Goals (eg. long term, broad based initiatives for the program, if any)

1. Providing the students with the fundamentals of veterinary medicine.
2. Developing the applied intellectual and scientific skills of the students in the field of veterinary medicine.
3. Enabling the students to acquire interpersonal skills, team working and elements of leadership and responsibility.
4. Enabling the students to use modern information systems, understand and analyse globalization systems and develop the ability of effective communication.
5. Developing the psychomotor skills of the students in the field of veterinary medicine.

D. Program Structure and Organization

1. Program Description:

List the core and elective program courses offered each semester from Prep Year to graduation using the below Curriculum Study Plan Table (A separate table is required for each branch IF a given branch/location offers a different study plan).

A program or department manual should be available for students or other stakeholders and a copy of the information relating to this program should be attached to the program specification. This information should include required and elective courses, credit hour requirements and department/college and institution requirements, and details of courses to be taken in each year or semester.

Curriculum Study Plan Table

* **Prerequisite** – list course code numbers that are required prior to taking this course.

Note: From academic year (2017/2018), the program will start teaching its courses in English according to the new approved Plan of Study (shown below). This new plan includes obligatory and elective courses, while the old one includes only required courses. Students enrolled in the previous three years will continue in Arabic according to the old plan of study.

Old Study Plan (BVM) Table:

Year	Course Code	Course Title	Credit Hours	College or Department
1 st Year Semester 1	IC 101	Introduction to Islamic Culture	2	University
	ARAB 101	Language Skills	2	College
	CHEM 101	General Chemistry	3	College
	ZOOL 101	General Zoology	3	College
	ENG 101	English Language	3	College
	MATH 165	Introduction to Calculus	3	College
Total number of units			16	
1 st Year Semester 2	PHYS 101	Principles of Physics	4	University
	IC 102	Islam and the Construction of Society	2	University
	BVM 120	Animal Husbandry	2	College
	CSC 121	Introduction to Computer	3	College
	STAT 122	Introduction to Statistics	2	College
	CHEM 241	General Organic Chemistry	4	College
Total number of units			17	
2 nd Year Semester 1	IC 103	The Islamic Economic System	2	University
	APB 211	Principles of Animal Production	3	Department



	BVM 211	Veterinary Physiology (1)	3	Department
	BVM 212	Animal Anatomy (1)	3	Department
	BVM 232	Veterinary Histology (1)	3	Department
	PPP 202	Principles of Agricultural Economics	2	College
	BCH 301	Principles of Biochemistry	3	College
Total number of units			19	
2 nd Year Semester 2	ARAB 103	Expository Writing	2	University
	BVM 221	Veterinary Physiology (2)	4	Department
	BVM 252	Embryology	3	Department
	BVM 222	Animal Anatomy (2)	4	Department
	BVM 242	Veterinary Histology (2)	4	Department
	BCH 302	Biochemistry	3	Department
Total number of units			20	
3 rd Year Semester 1	BVM 313	Introduction to veterinary microbiology	3	Department
	BVM 314	General Pathology	3	Department
	APB 312	Design and Analysis of Agricultural Experiments	3	College
	BVM 331	Endocrinology	3	Department
	BVM 374	Veterinary Arthropoda	2	Department
	BVM 334	Veterinary Protozoology	2	Department
	APB 339	Animal Genetics and Breeding	4	Department
Total number of units			20	
3 rd Year Semester 2	BVM 323	Veterinary Bacteriology & Mycology	3	Department
	BVM 324	Systemic Pathology (A)	3	Department
	BVM 343	Veterinary Virology	3	Department
	BVM 344	Systemic Pathology (B)	3	Department
	BVM 364	Veterinary Helminthology	3	Department
	BVM 384	Immunology	3	Department
Total number of units			18	
4 th Year Semester 1	APB 415	Animal Nutrition	3	Department
	BVM 414	Avian Diseases	4	Department
	BVM 415	Veterinary Pharmacology	3	Department
	BVM 416	Clinical Medicine (1)	4	Department
	BVM 417	General Preventive Medicine	3	Department
	APB 437	Husbandry and Conservation of Wildlife	2	Department
Total number of units			19	
4 th Year Semester 2	IC 104	Fundamentals of the Islamic Political System	2	University
	BVM 425	Therapeutics	3	Department



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	BVM 426	Clinical Medicine (2)	3	Department
	BVM 427	Applied Preventive Medicine	3	Department
	BVM 446	Clinical Laboratory Diagnosis	3	Department
	BVM 447	Fish Hygiene	2	Department
	BVM 467	Milk Hygiene	2	Department
Total number of units			18	
5 th Year* Semester 1	BVM 413	Scientific terminology	1	Department
	BVM 418	Veterinary Surgery (1)	4	Department
	BVM 477	Meat hygiene	3	Department
	BVM 321	Computer Applications in Veterinary Medicine	2	Department
	BVM 436	Zoonotic Diseases	2	Department
	BVM 438	Obstetrics and Reproductive Diseases (1)	4	Department
	BVM 456	Clinical Medicine (3)	3	Department
Total number of units			19	
5 th Year Semester 2	BVM 428	Veterinary Surgery (2)	4	Department
	BVM 429	Field Training (Surgery)	3	Department
	BVM 445	Veterinary Toxicology and Forensic Medicine	3	Department
	BVM 448	Obstetrics and Reproductive Diseases (2)	4	Department
	BVM 449	Field Training(Obstetrics)	1	Department
	BVM 469	Field Training(Clinical Medicine)	1	Department
	BVM 487	Field Training (Preventive Medicine)	1	Department
	BVM 489	Field Training(Food Hygiene)	1	Department
Total number of units			18	

* Codes of 5th year courses are 400 and not 500 is due to that veterinary program is one of 4 programs in the college, all are 4 years except veterinary program, so, college administration gave 400 for Bachelor degree of all programs, while, 500 for Master degree.

New Study Plan (VMD) Table:

Level 1:

Code and number of the course	Name of the course	Distribution of credit hours				Required courses
		Theoretical	Practical	Training	Credit	
IC 101	Introduction to Islamic Culture	2	-	-	2	--
ENG 101	English Language (1)	3	0	-	3	--
PSYC 101	Thinking and Teaching Strategy Skills	2	-	-	2	--
ZOOL 101	Zoology	3	1	-	4	--
ARAB 101	Language Skills	2	-	-	2	--
CHEM 103	General Chemistry	2	1	-	3	--
MATH 165	Introduction to the Calculus	3	-	-	3	--
Total		17	2	0	19	

1. One theory credit is equal to 50 minutes of contact.
2. One practical/training credit is equal to 100 minutes of contact.

Level 2:

Code and number of the course	Name of the course	Distribution of credit hours				Required courses
		Theoretical	Practical	Training	Credit	
IC 102	Islam and the Construction of Society	2	-	-	2	IC 101
ARAB 103	Expository Writing	2	-	-	2	--
PHYS 105	Introduction in Physics	2	1	-	3	--
VMD 111	Animal Behavior	1	1	-	2	--
ENG 103	English Language (2)	3	0	-	3	ENG 101
ENG 118	English Language(..)	3	0	-	3	ENG 101
STAT 122	Introduction in Statistics	1	1	-	2	MATH 165
CHEM 247	Principles of Organic Chemistry	2	1	-	3	CHEM 103
Total		16	4	0	20	

1. One theory credit is equal to 50 minutes of contact.
2. One practical/training credit is equal to 100 minutes of contact.

Level 3:

Code and number of the course	Name of the course	Distribution of credit hours				Required courses
		Theoretical	Practical	Training	Credit	
IC 103	The Islamic Economic System	2	-	-	2	IC 101
MGMT 103	Communication Skills	2	-	-	2	--
APP 211	Principles of Animal Production	2	1	-	3	ZOOL101
VMD 221	Animal Anatomy (1)	2	1	-	3	ZOOL 101
VMD 222	General Histology	2	1	-	3	ZOOL 101
VMD 231	Physiology (1)	2	1	-	3	ZOOL101 CHEM 103
BCH 301	Principles of Biochemistry	2	1	-	3	CHEM 247
Total		14	5	0	19	

1. One theory credit is equal to 50 minutes of contact.
2. One practical/training credit is equal to 100 minutes of contact.

Level 4:

Code and number of the course	Name of the course	Distribution of credit hours				Required courses
		Theoretical	Practical	Training	Credit	
IC 104	Fundamentals of the Islamic Political System	2	-	-	2	IC 101
VMD 223	Specific Histology	2	1	-	3	VMD 222
VMD 224	Animal Anatomy (2)	2	1	-	3	VMD 221
VMD 225	Embryology	1	1	-	2	ZOOL 101
VMD 232	Physiology (2)	2	1	-	3	VMD 231
APP 339	Animal Genetics and Breeding of	3	1	-	4	ZOOL 101
----	Free course	-	-	-	2	-
Total		12	5	0	19	

1. One theory credit is equal to 50 minutes of contact.
2. One practical/training credit is equal to 100 minutes of contact.

Level 5:

Code and number of the course	Name of the course	Distribution of credit hours				Required courses
		Theoretical	Practical	Training	Credit	
VMD 333	Endocrinology	1	1	-	2	VMD 232
VMD 341	Introduction to Microbiology	2	1	-	3	BCH 301
VMD 343	Immunology	1	1	-	2	BCH 301 VMD 232
VMD 345	Helminthology	2	1	-	3	VMD 222 VMD 231
VMD 346	Arthropodology	1	1	-	2	VMD 222 VMD 231
VMD 351	General Pathology	2	1	-	3	VMD 223 VMD 224
----	Elective college course				2	-
----	Free course				2	-
Total		9	6	0	19	

1. One theory credit is equal to 50 minutes of contact.
2. One practical/training credit is equal to 100 minutes of contact.

Level 6:

Code and number of the course	Name of the course	Distribution of credit hours				Required courses
		Theoretical	Practical	Training	Credit	
AGEC 202	Principles of Agriculture Economics	2	-	-	2	--
VMD 342	Bacteriology and Mycology	2	1	-	3	VMD 341
VMD 344	Virology	2	1	-	3	VMD 341
VMD 347	Protozoology	1	1	-	2	VMD 345
VMD 352	Systemic Pathology	3	1	-	4	VMD 351
APP 342	Farm Animal Nutrition	2	1	-	3	BCH 103
----	Elective college course				2	-
Total		12	5	0	19	

1. One theory credit is equal to 50 minutes of contact.
2. One practical/training credit is equal to 100 minutes of contact.

Level 7:

Code and Number of the course	Name of the course	Distribution of credit hours				Required courses
		Theoretical	Practical	Training	Credit	
VMD 454	Avian Diseases	2	1	-	3	VMD 352
VMD 461	Pharmacology	2	1	-	3	BCH 301 VMD 351
VMD 471	General Preventive Medicine	2	1	-	3	VMD 342 VMD 344
VMD 474	Meat Hygiene	2	1	-	3	VMD 342 VMD 352
VMD 481	Clinical Medicine (1)	3	1	-	4	VMD 344 VMD 352
----	Elective college course				2	-
----	Elective college course				2	-
Total		11	5	0	20	

1. One theory credit is equal to 50 minutes of contact.
2. One practical/training credit is equal to 100 minutes of contact.

Level 8:

Code and number of the course	Name of the course	Distribution of credit hours				Required courses
		Theoretical	Practical	Training	Credit	
VMD 413	Application of Computer in Veterinary Medicine	-	1	-	1	STAT 122
VMD 455	Laboratory Diagnosis	1	1	-	2	VMD 342 VMD 343
VMD 462	Therapeutics	2	1	-	3	VMD 461 VMD 481
VMD 472	Applied Preventive Medicine	2	1	-	3	VMD 471
VMD 475	Milk Hygiene	1	1	-	2	VMD 342 VMD 471
VMD 479	Fish Hygiene and Diseases	1	1	-	2	VMD 342 VMD 352
VMD 482	Clinical Medicine (2)	2	1	-	3	VMD 481
----	Elective department course	1	1	-	2	-
----	Free course			-	2	-
Total		10	8	-	20	

1. One theory credit is equal to 50 minutes of contact.
2. One practical/training credit is equal to 100 minutes of contact.

Level 9:

Code and number of the course	Name of the course	Distribution of credit hours				Required courses
		Theoretical	Practical	Training	Credit	
VMD 463	Toxicology and Forensic Medicine	2	1	-	3	VMD 461
VMD 473	Zoonoses	2	-	-	2	VMD 472 VMD 482
VMD 476	Field Experience - Food Hygiene	-	-	1	1	VMD 474 VMD 475
VMD 483	Clinical Medicine (3)	2	1	-	3	VMD 482
VMD 485	Surgery (1)	3	1	-	4	VMD 482
VMD 488	Therigenology (1)	3	1	-	4	VMD 462
VMD 498	General Veterinary Exam	-	1	-	1	The student should pass at least 150 credit hours
----	Elective department course	1	1	-	2	-
Total		13	6	1	20	

1. One theory credit is equal to 50 minutes of contact.
2. One practical/training credit is equal to 100 minutes of contact

Level 10:

Code and number of the course	Name of the course	Distribution of credit hours				Required courses
		Theoretical	Practical	Training	Credit	
VMD 453	Morbid Anatomy	1	1	-	2	VMD 352
VMD 484	Field Experience- Clinical Medicine	-	-	1	1	VMD 482
VMD 486	Surgery (2)	3	1	-	4	VMD 485
VMD 487	Field Experience- Surgery	-	-	1	1	VMD 485
VMD 489	Therigenology (2)	3	1	-	4	VMD 488
VMD 491	Field Experience - Theriognology	-	-	1	1	VMD 488
VMD 492	Partnership training	-	-	3	3	VMD 455 VMD 482
----	Elective department course	1	1	-	2	-
----	Elective department course	1	1	-	2	-
Total		9	5	6	20	

1. One theory credit is equal to 50 minutes of contact.
2. One practical/training credit is equal to 100 minutes of contact

Elective College Courses (8 credit hours)

Code and number of the course	Name of the course	Distribution of credit hours				Required courses
		Theoretical	Practical	Training	Credit	
VMD 348	Molecular Biology	1	1	-	2	BCH 301
VMD 349	Tissue Culture	1	1	-	2	BCH 301
VMD 496	Wildlife Health and Management	1	1	-	2	BCH 301
FSNU 313	Food Safety	1	1	-	2	BCH 301
FSNU 341	Nutrition and Immunity in Humans	2	-	-	2	BCH 301
FSNU 352	Functional Foods	1	1	-	2	BCH 301
PAP 217	Principles of Pest Control	1	1	-	2	CHEM 103
PAP 218	Agricultural Environment and Climate Changes	1	1	-	2	-
PAP 219	Principles of Biotechnology	1	1	-	2	-
APP 380	Ornamental Animals and Birds Production	1	1	-	2	APP 211
APP 480	Organic Animal Production	1	1	-	2	APP 211
APP 381	Animal Farms Technical Management	1	1	-	2	ZOOL 101

1. One theory credit is equal to 50 minutes of contact.
2. One practical/training credit is equal to 100 minutes of contact

Elective Program Courses (8 Credit Hours)

Code and number of the course	Name of the course	Distribution of credit hours				Required courses
		Theoretical	Practical	Training	Credit	
VMD 326	Surgical Anatomy	1	1	-	2	VMD 224
VMD 456	Clinical Microbiology	1	1	-	2	VMD 342 VMD 344
VMD 457	Veterinary Vaccines	1	1	-	2	VMD 343 VMD 344
VMD 458	Ornamental Birds Diseases	1	1	-	2	VMD 342 VMD 344
VMD 459	Rabbit Diseases	1	1	-	2	VMD 342 VMD 344
VMD 464	Clinical Pharmacology	1	1	-	2	VMD 462
VMD 478	Poultry Meat Hygiene	1	1	-	2	VMD 344 VMD 352
VMD 493	Pet Animals Medicine	1	1	-	2	VMD 344 VMD 352
VMD 494	Pet Animals Surgery	1	1	-	2	VMD 485
VMD 495	Theriogenology of Pet Animals	1	1	-	2	VMD 462
VMD 497	Anesthesia of Wild Life	1	1	-	2	VMD 461

1. One theory credit is equal to 50 minutes of contact
2. One practical/training credit is equal to 100 minutes of contact

Note: **Free Courses (6 credit hours)**

2. Required Field Experience Component (if any, e.g. internship, cooperative program, work experience).

Summary of practical, clinical or internship component required in the program. Note: see Field Experience Specification

a. Brief description of field experience activity:

- Clinical and field experience is accepted by the final year students in topics of Veterinary Surgery, Theriogenology, Clinical Medicine and Infectious Diseases, Food hygiene and Preventive Medicine. This is achieved through cases presented to the Veterinary Teaching Hospital as well as field trips to abattoirs, cattle, camels,

horses, sheep, goats and birds gathering areas, and governmental and private clinics to know the most common problems in each sector and the proposed approaches.

- In addition, knowledge of basic laboratory diagnosis of animal and poultry diseases is offered in levels 5, 6, 7, 8 and 9 through practical classes of Physiology, Pathology, Bacteriology, Virology, Parasitology and Clinical Pathology courses. Also, students are optionally trained during summer vacation in veterinary diagnosis laboratories (governmental and private).

b. At what stage or stages in the program does the field experience occur?

At the 4th and 5th years (i.e. 7th, 8th, 9th and 10th levels) through practical courses within those terms.

c. Time allocation and scheduling arrangement:

- Level 7: 1 day/ week along the semester
- Level.8: 2 days/ week along the semester
- Level.9: 4 days/ week along the semester
- Level 10: 5 days / week along the semester
-

d. Number of credit hours (if any):

- Level 7: 4 h/ week
- Level 8: 7 h/ week
- Level.9: 16 h/ week
- Level 10: 15 h/ week

Program Learning Outcomes:

1. Knowledge:

- 1.1 Students will be able to list and recognize knowledge related to Veterinary Medicine.
- 1.2 Students will be able to keep pace with advances in Veterinary Medicine.

2. Cognitive Skills:

- 2.1 Students will be able to determine comprehensive methods for diagnosis and treatment of animal and poultry diseases.
- 2.2 Students will be able to apply critical thinking and analytical skills for intervention in surgery and theriogenology.
- 2.3 Students will be able to plan for health promotion, disease prevention and food safety.

3. Interpersonal skills & Responsibility:

- 3.1 Students will be able to work effectively in teams for solving veterinary problems.
- 3.2 Students will be able to show full awareness of ethical and professional issues relevant to Veterinary Medicine.
- 3.3 Students will be able to make independent and critical assessments.

4. Communication, Information Technology & Numerical Skills:

- 4.1 Students will be able to demonstrate strong writing and oral communication skills.
- 4.2 Students will be able to demonstrate critical analysis of new information and research findings relevant to Veterinary Medicine.

5. Psychomotor:

- 5.1 Students will be able to manipulate veterinary field works using sense and locomotor organs.

5. Admission Requirements for the program

Attach handbook or bulletin description of admission requirements including any course or experience prerequisites.

A Bulletin for description of admission requirements including course and experience prerequisites is attached.

To be registered in the program, students should have:

- High (secondary) School degree (12 years education), Scientific Pathway with score of ≥ 75 % (score may be higher or lower according to the levels and number of postsecondary students)
- Grade (around 2.8 GPA/5) in the first level of the college of Agriculture and Veterinary Medicine.
- Accepted to be full time student.
- Acceptable physical and mental status.