



University of Sadat City
Faculty of Veterinary Medicine
Diploma Program Specification
(2014-2015)



Program Title: Diploma of Farm Animal Diseases

A. ADMINISTRATIVE INFORMATION

University:	Sadat City
Faculty:	Veterinary Medicine
Program title:	Diploma of Farm Animal Diseases
Department responsible:	Medicine and Infectious Diseases
Registration period	One year from December to November
Program Coordinators	Dr. Mohamed Nayel
External evaluator	

B. PROFESSIONAL INFORMATION

1) Overall aims of program

- Scientific knowledge essential for the practice of farm animal diseases according to the international standards.
- Skills necessary for proper diagnosis and management of patient animals in the field of farm animal diseases including diagnostic, problem solving and decision-making.
- Ethical principles related to the practice in this specialty.
- Active participation in community needs assessment and problems solving.
- Maintenance of abilities necessary for continuous veterinary medical education.

2) Academic standards

Academic reference standards (ARS) adopted by the faculty committee No 152 (18-6-2014).

3) Graduate attributes

Upon successful completion of the program, the graduate has the ability for:

1. Application of the gained specific knowledge in farm animal (ruminant, small ruminant and equines) internal medicine, infectious and noninfectious, nutritional requirements of farm animals and main managerial practice of farm animals.
2. Understanding the different diseases and health problems affecting the farm animal and suggest modern solutions and vision to it and be aware with the ongoing problems and modern concepts in the area of diagnosis, treatment and control of farm animals diseases.
3. Application of analytical methods in the area of diagnosis, treatment and control of farm animal diseases and disorders.
4. Effective communication and lead work team during the diagnosis, treatment or control farm animal diseases and disorders
5. Taking Decision by treatment or destruction of the farm animal under the available situation and knowledge.
6. Effective Use of the available resources and data for diagnosis and prevention of different diseases problems.

7. Awareness with his role in society development and community preservation.
8. Reflecting the commitment to act with integrity, credibility, and the rules of profession.
9. Realizing the importance of self and life-long learning and progress in new diseases, new diagnostic and new treatment and preventive tools.

4) Intended learning outcomes of course (ILOs)

a) Knowledge and understanding

By the end of this program the graduate should be able to:

- a.1. Define basic principles and practice in the field of farm animals' diseases.
- a.2. Recognize the ethical and legal principles for professional practice in the field of Farm animal medicine and infectious diseases.
- a.3. Apply efficiently the standards of quality standards in the diagnosis, treatment and prevention of Farm animal diseases.
- a.4. Identify the influence of diagnosis, treatment and prevention of farm animal diseases on surrounding environment and human and animal health

b) Intellectual skills

By the end of this program the graduate should be able to:

- b.1. Determine different disorders and disease of farm animal.
- b.2. Solve diagnostic problems of farm animal diseases based of on the clinical and laboratory findings.
- b.3. Analyze scientific papers concerning farm animal diseases.
- b.4. Assess risk for risk factors affecting the farm animal diseases.
- b.5. Choose between medical and surgical interference to deal with farm animal diseases based on available data.

c) Professional and practical skills

By the end of this program the graduate should be able to:

- c.1. Master the basic practical of diagnosis, treatment and control of farm animal diseases.
- c.2. Write professional reports about different cases and problems of farm animal diseases.

d) General and transferable skill

By the end of this program, the graduate should be able to:

- d.1. Communicate efficiently with teaching staff, colleagues and the community

- d.2. Utilize information technology in scientific research and publications.
- d.3. Update information and knowledge and exchange it with staff and colleagues.
- d.4. Identify and use different sources of information and knowledge in clinical pathology and other related topics.
- d.5. Respect the importance of team work and do good control of time.
- d.6. Demonstrate respect and work effectively as a member or a leader of an interdisciplinary team.
- d.7. Use the tools important for self and continuous learning.

5) Program structure:

a) Courses – one academic year

	Lecture (hours/week)	Practical (hours/week)
Medicine	2	2
Infectious Diseases	2	2
Animal nutrition and nutritional deficiency	1	1
Pathology	1	1
Special Parasitology	1	1
Special surgery	1	1

6) Teaching and Learning Methods

The program features a variety of teaching approaches for different intended learning objectives including:

- Lectures
- Practical and lab sessions
- Self-learning activities

7) Student assessment

The program courses depends on different assessment ways:

1- Written examination	For assessment of knowledge, back calling and Intellectual skills
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2- Practical examination	For assessment of practical and professional skill.
3- Oral examination	For assessment of knowledge and Intellectual skills
4- Student activities	For assessment of knowledge and general and transferable skills

Assessment of program intended learning outcomes

Tool or method	ILOs			
	K.U (a)	I.S (b)	P.P.S (c)	G.S (d)
Written	1-4	1		
Oral	1,2	3,4		
Practical		2,5	1,2	
Assignments				1-7

8) Score classification:

Excellent	At least 90% and more
Very good	At least 80% and less than 90%
Good	At least 70% and less than 80%
Pass	At least 60% and less than 70%
Fail	Less than 60%

9) Program admission requirements

- The Applicant must normally satisfy the Faculty of Veterinary Medicine University of Sadat City general entrance and requirement:
 - 1) Obtaining a bachelor's degree from one of the Egyptian universities
 - 2) or equivalent degree from another recognized scientific institute with any grade in the fields of veterinary Medical Sciences
- The applicant must have regular attendance in his courses according to the schedule of the faculty.
- Registration will be during September of each year

10) Regulations for progression of program

- a) Registration period for the Diploma is one year after the approval date by the Faculty Council, and it should not exceed a period of 2 years.
- b) The student should conduct the courses proposed by the Faculty By-Law for Post Graduate Studies, Faculty of veterinary medicine, University of Sadat City which include:
- 1) The student will be entitled to apply for the exam only after meeting the attendance rate for each course.
 - 2) Examination will be held twice a year and the student should pass written, practical and oral exams successfully in all courses.
 - 3) Each student has 4 chances to enter the exams, and the Faculty council should deprive the student from entering the exam if his attendance rate in the course is less than 75%.
 - 4) Registration will be during September of each year.
 - 5) Failure in or depriving from entering one or more courses requires enter examination again to can pass.
 - 6) Time of written exam, 3 hours for each course that has 3 hours or more for lecture / practical /week. If has less than 3 hours/week, the time of exam, is 2 hours only.
 - 7) The final degree of each course which has 3 hours (lecture and practical) per week is 100 and that less than 3 hours is 50 degrees and divided into 50% for written exam, and 50% for practical and oral exam.

	Program coordinators	Head of department
Name	Dr. Mohamed Nayel	Prof. Dr. Ahmed Zaghawa
Signature		

Matching program ILOs with ARS - Matrix

Prog. ILOs	ARS																	
	K&U (a)				I.S. (b)					P.P. (c)		G.T. (d)						
	1	2	3	4	1	2	3	4	5	1	2	1	2	3	4	5	6	7
K&U	1	2	3	4														
I.S.					1	2	3	4	5									
P.P.										1	2							
G.T.												1	2	3	4	5	6	7

Program Specification Matrix

Diploma in Clinical Biochemistry

Courses Name	Total Contact hours/ course	No. of hours / week			K.U (a)					I.S (b)					P.P (c)		G.T (d)						
		Lect.	Lab.	Total	1	2	3	4	1	2	3	4	5	1	2	1	2	3	4	5	6	7	
Medicine	176	2	2	4	x	x	x	x	x	x	x	x			x	x	x	x	x	x	x	x	x
Infectious Diseases	176	2	2	4	x	x	x	x	x	x	x	x			x	x	x	x	x	x	x	x	x
Animal nutrition and nutritional deficiency	88	1	1	2	x		x		x	x	x				x	x	x	x	x	x	x	x	x
Pathology	88	1	1	2	x		x		x	x	x				x	x	x	x	x	x	x	x	x
Special Parasitology	88	1	1	2			x		x	x	x				x	x	x	x	x	x	x	x	x
Special surgery	88	1	1	2			x		x	x	x		x				x	x	x	x	x	x	x
Total	704	8	8	16																			

