



ARS for Diploma of Farm Animal Diseases

Graduate attributes

The graduate should have 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 manage- mental practice of pet 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.

المقررات التي تحقق المعايير الأكاديمية للبرنامج

Code	Name
-	Medicine
--	Infectious Diseases
-	Animal nutrition and nutritional deficiency
-	Pathology
-	Special Parasitology
-	Special surgery

مقارنة ما يقدمه البرنامج من نتائج تعليمية مستهدفة مع المعايير المرجعية القياسية

A) Knowledge and understanding

Adopted ARS	NARS (Master)
<i>By the end of this program the graduate should understand and accommodate the following:</i>	<i>By the end of this program the graduate should understand and accommodate the following:</i>

1)	Applying theories and principles in the field of farm animal medicine and farm animal infectious diseases. (Diagnosis, treatment, prevention).	Basics, theories and specific knowledge in educational field and sciences related to professional practice
2)	Applying ethical and legal principles for professional practice in the field of farm animal medicine and infectious diseases.	Ethical and legal principles related to professional practice
3)	Applying the quality basics and principles in the field of farm animal medicine and infectious diseases. (Diagnosis, treatment and prevention).	Basics and principles of quality assurance in professional practice in the field of specialization
4)	Realizing the impact of the ability of diagnosis, treatment and prevention of farm animal diseases on environment and work to preserve and maintain the environment.	Impact of professional practice on environment and work to preserve and maintain the environment

B) Intellectual skills

Adopted ARS		NARS (Master)	
	<i>By the end of this program the graduate should understand and accommodate the following:</i>		<i>By the end of this program the graduate should understand and accommodate the following:</i>
1)	Determination different disorders and disease of farm animal and analyzing them to determine its severity.		Determination and analysis of professional problems in the field of specialization and arranging them according to priorities
2)	Designing solution for different field problems of farm animals.		Solving professional problems in specialization field
3)	Analytical reading of researches and books of farm animal medicine and infectious diseases and understanding them.		Analytical reading of researches and scientific topics in the field of specialization
4)	Risk assessment of different risk factors affecting the farm animal and predisposing to problems.		Risk assessment in professional practice.
5)	Professional decision making of the diseases or disorders by either medical or surgical treatment or anesthesia depending on the available information.		Professional decision making using available information

C) Professional and practical skills

Adopted ARS		NARS (Master)	
	<i>By the end of this program the graduate should understand and accommodate the following:</i>		<i>By the end of this program the graduate should understand and accommodate the following:</i>
1)	Diagnosis, treatment, and design control programs of farm animals diseases.		Applying professional skills in the field of specialization

	Writing professional reports about different cases and problems of farm animals disorders and diseases.	
2)	Writing professional reports about different cases and problems of farm animals disorders and diseases.	Writing professional reports

D) General and transferable skill

Adopted ARS		NARS (Master)
	<i>By the end of this program the graduate should understand and accommodate the following:</i>	<i>By the end of this program the graduate should understand and accommodate the following:</i>
1)	Communicate effectively with farm animals owners, colleagues and surrounding community.	Effective communication
2)	Utilize the newly emerged information technology to reach the diagnosis, treatment and control of farm animal diseases as rapid as possible and know the newly emerging problems in farm animals field.	Utilizing information technology to serve development of professional practice.
3)	Self-assessment and determination of personal educational needs .in the field of farm animals and related science.	Self-assessment and determination of personal educational needs.
4)	Using different information resources (books, internet, etc.) to obtain knowledge and information about farm animals problems.	Using different resources to obtain knowledge and information.
5)	Working in-group to control the different disorders and diseases of farm animals with effectively management of the time.	Working in team and efficient time management.
6)	Leading team of diagnosis and control of farm animals problems.	Leading a team in familiar professional contexts.
7)	Self and continuous learning of basics information about farm animals diseases and newly emerging problems.	Self and continuous learning