



ARS for Diploma of Veterinary Public Health

Graduate attributes

The graduate should have the ability for:

- 1) Application of the gained specific knowledge in prevention of infectious diseases.
- 2) Identification of problems in control and suggestion of accurate methods to overcome such problems.
- 3) Mastering skills in animal hygiene, microbiology, parasitology and Zoonoses, and using appropriate biotechnological means in the clinical laboratory diagnosis.
- 4) Effective communication skills in professional veterinary and laboratory practice and leading professional work team in disease control.
- 5) Decision making according to available data collected from performing epidemiological investigations.
- 6) Effective use of the available resources to be quick, accurate and economic.
- 7) Awareness with his role in society development and community preservation through combating diseases.
- 8) Reflecting the commitment to act with integrity, credibility, and the rules of diagnosis of veterinary problems.
- 9) Realizing the importance of self and life-long learning and progress.

Code	Name
-	Animal hygiene
-	General microbiology
-	General parasitology
-	Epidemiology
-	Zoonoses
-	Biostatistics and computers

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

A) Knowledge and understanding

	Adopted ARS	NARS
	<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)	Basics principles and practice of animal hygiene, zoonoses, Microbiology, parasitology, and epidemiology.	Basics, theories and specific knowledge in educational field and sciences related to professional practice
2)	Principles of laboratory safety and regulations (laboratory hazards and protective measures).	Ethical and legal principles related to professional practice
3)	Application of quality standards in the Animal	Basics and principles of quality

	hygiene Laboratory	assurance in professional practice in the field of Animal hygiene.
4)	Basis of diagnostic laboratory hazards on surrounding environment and methods to maintain clean environment	Impact of professional practice on environment and work to preserve and maintain the environment

B) Intellectual skills

Adopted ARS		NARS
	<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)	Identification and analysis of hygienic farm problems in the field and arranging them according to significance	Determination and analysis of professional problems in the field of specialization and arranging them according to priorities
2)	Solving hygienic problems based on the laboratory data and evidence based diagnosis	Solving professional problems in specialization field
3)	Evaluating different obtained data with normal and reference values and formulating interpretation after excluding non-specific interpretation	Analytical reading of researches and scientific topics in the field of animal hygiene.
4)	Designing a Risk Assessment Form and performing a Risk Assessment for an item within animal hygiene laboratory	Risk assessment in professional practice.
5)	Using appropriate intellectual strategy and evidence based decisions to deal with hygienic problems and make decisions	Professional decision making using available information

C) Professional and practical skills

Adopted ARS		NARS
	<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)	Performing the basic practical skills in animal hygiene, zoonoses, Microbiology, parasitology, and epidemiology.	Applying professional skills in the field of specialization
2)	Writing professional laboratory reports with interpretation of data according to the normal reference values	Writing professional reports

D) General and transferable skill

Adopted ARS		NARS
	<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)	Effective communication with teaching staff,	Effective communication

	colleagues and the community	
2)	Utilizing information technology in scientific research and publications.	Utilizing information technology to serve development of professional practice.
3)	Updating information and knowledge and exchange it with staff and colleagues.	Self-assessment and determination of personal educational needs.
4)	Identifying and using different sources of information and knowledge in animal hygiene and other related topics	Using different resources to obtain knowledge and information.
5)	Respecting the importance of team work and do good control of time.	Working in team and efficient time management.
6)	Demonstrate respect and work effectively as a member or a leader of an interdisciplinary team	Leading a team in familiar professional contexts.
7)	Using the tools important for self and continuous learning	Self and continuous learning

