



Chapter One

Item (1) Practical Departments: The college consists of the following departments: The Item was amended by Ministerial Resolution No. 229 dated 1/24/2022

- 1- Department of Anatomy and Embryology:** It includes the specializations of animal anatomy, poultry, embryos, and fish, and comparative applied anatomy.
- 2- Department of Histology and cytology:** It includes the specializations of cell science, cell chemistry, histology, cell genetics, cell immunity, animal histology, poultry and fish Histology and cytology.
- 3- Department of Physiology:** It includes specializations in general and specific animal physiology, poultry and fish - environmental physiology and behavior - wild animal physiology.
- 4- Department of Biochemistry** It includes the specializations of basic and molecular biochemistry, nutritional metabolism, nutritional chemistry, clinical chemistry, and immunochemistry.
- 5- Department of Animal, Poultry and Aquatic Behavior and Care**
- 6- Department of Nutrition and Clinical Nutrition:** It includes nutrition and clinical nutrition.
- 7- Department of Pathology:** It includes pathology (general - specific - specific) and anatomy of patients with domesticated and wild animals, poultry, and Wild birds and fish.
- 8- Department of Clinical Pathology:** It includes clinical laboratory diagnosis of animals, poultry, and fish.
- 9- Department of Microbiology:** It includes bacteriology, mycology, and immunology.



10- Department of Virology: It includes virology (general - specific), bioecology, and viral immunology.

11- Parasitology Department: It includes general and specific veterinary parasitology (protozoa, worms, and medical and veterinary insects)

12- Department of Pharmacology: It includes veterinary pharmacology.

13- Food Control Department :includes

- A) Dairy health (sanitary control of dairy products, dairy technology, oils, fats and eggs)
- b) Meat health. (Health control of meat, fish, poultry and their products, animal food technology and animal waste)

14- Department of Animal Medicine: It includes

(First): Internal diseases, including:

- A- General internal medicine - diseases of the digestive and circulatory systems
- B- General internal medicine - diseases of the digestive system of ruminants - the respiratory system
- C- Internal medicine, especially diseases of the metabolic, urinary, and muscular systems
- D- Special Medicine - Skin diseases and nutritional deficiencies

(Second): Infectious diseases, including:

- A- Imported infectious diseases: for cattle, buffalo, sheep and goats.
- B- Imported infectious diseases: for horses, camels, dogs, cats, pigs, and wild animals.
- C- Endemic infectious diseases: for cattle, buffalo, sheep and goats
- D- Endemic infectious diseases: for horses, camels, dogs, cats, pigs and wild animals.



15-Department of Forensic Medicine, Toxicology and Veterinary

Procedures:It includes forensics, toxicology and veterinary procedures.

16-Department of Obstetrics, Reproduction and Artificial

Insemination:It includes:

- 1- The female and male reproductive system (anatomy - reproductive physiology - reproductive pathology - reproductive technology) - treatment methods
- 2- Infectious reproductive diseases
- 3- Fertilization - natural pregnancy - pregnancy disorders - dealing with natural and abnormal birth, obstetrics and postpartum
- 4- Artificial insemination and embryo transfer.

17- Department of Surgery, Anesthesia and Radiology :It includes

veterinary surgery (general, private, and veterinary surgery), radiology, anesthesia, and experimental surgeries ..

18- Department of Avian and Rabbit Medicine:It includes bacterial,

viral, fungal and parasitic diseases, nutritional deficiencies, fungal poisoning diseases, breeding treatments, and diseases of multiple causes for the following birds:

- A- Domesticated birds (chickens, ducks, turkeys, pigeons, quail, ostriches).
- B- Wild birds (falcons, wild pigeons, doves)
- C- Ornamental birds and rabbits

19- Department of Veterinary Public Health.

20- Department of Common Diseases:It includes specializations in

common bacterial, rickettsial, viral, fungal, parasitic diseases and diseases transmitted from humans and animals.



21- Livestock Development Department:It includes veterinary economics and farm management - animal breeding and production - veterinary genetics and genetic engineering - biostatistics.

22- (Fish Diseases and Care Section: It includes fish diseases and care.

Item (2): Zagag University grants postgraduate students, upon the request of the Council of the Faculty of Veterinary Medicine, the following degrees and diplomas:

Firstly: Academic degrees:

a .Master's degree in veterinary medical sciences and basic subjects.

B .Doctor of Philosophy degree in veterinary medical sciences and basic subjects.

Secondly: Postgraduate Diploma in one of the branches of specialization:

1. Diploma in veterinary guidance.
2. Diploma in experimental animals.
3. Wildlife Diploma.
4. Diploma in artificial insemination.
5. Diploma in fish diseases:
6. Diploma in Veterinary Public Health:
7. Reproductive Diploma:
8. Diploma in bird and rabbit diseases.
9. Diploma in Clinical Pathology.
- 10.Diploma in food control.
- 11.Animal care diploma.
- 12.Pet Diploma.
- 13.Diploma in farm animal diseases.



14. Diploma in Pharmacology and Veterinary Medicines.
15. Diploma in veterinary surgery.
16. Diploma in animal waste.
17. Diploma in environmental pollution
18. Diploma in Applied Parasitology.
19. Diploma in Microbiology.
20. Immunology diploma.
21. Diploma in Museum, Audio and Visual Technologies for Anatomy and Embryology.
22. Diploma in tissue, histochemical and cytological examination and preparation.
23. Diploma in veterinary radiology.
24. Diploma in common diseases.
25. Diploma in pharmaceutical advertising and marketing.
26. Diploma in Virology:
27. Food Technology Diploma:
28. Diploma in Diagnostic Behaviors.
29. Diploma in veterinary epidemiology.
30. Diploma in animal production.
31. Diploma in Genetics and Genetic Engineering.
32. Diploma in poultry production.
33. Diploma in Biochemistry:
34. Diploma in Tropical Animal Medicine.
35. Diploma in fish care and production.
36. Diploma in Nutrition and Malnutrition Diseases.
37. Diploma in Clinical Toxicology.
38. Diploma in clinical diagnosis.
39. Diploma in ruminant diseases.



40. Diploma in equine diseases.
41. Diploma in slaughterhouse management.
42. Diploma in diseases and care of racing horses.
43. Diploma in beauty diseases.
44. Diploma in ostrich diseases.
45. Diploma in reproductive care .
46. Diploma in Forensic Medicine.

List of postgraduate studies for the Faculty of Veterinary Medicine - Zagazig University

Chapter Three

Graduate Studies

Ministerial Resolution No. 1502 dated 8/10/2004 and its amendments

Regarding issuing the internal regulations of the College of
Veterinary Medicine

Zagazig University (postgraduate level)

First: Master's degree in veterinary medicine

Item (12):

The Item was amended by Ministerial Resolution No. 407 dated
3/1/2021

**The following requirements are required for a student to enroll in a
master's degree in veterinary medicine:**

- a. He must have a bachelor's degree in veterinary medicine or a
bachelor's degree in veterinary medical sciences from an Egyptian
university, or an equivalent degree from another practical institute



- recognized by the Supreme Council of Universities, with a good general grade and a very good grade in the subject matter (at least).
- b. Or he must have a postgraduate diploma in one of the branches of specialization with a good general grade and a very good grade in the specialty subject (at least), provided that it is one of the diploma subjects that he has previously studied and whose study hours are not less than 3 theoretical and practical hours per week.
 - c. After success in the academic courses, the student must write a thesis on a topic proposed by the Department Council and approved by the College Council. After completing his thesis within the legal period, the thesis is presented to the judging and discussion committee to examine it and approve the validity of the thesis after discussing it publicly.

Item (13):

The period of enrollment to obtain a master's degree in veterinary medicine is at least two years from the date of approval by the College Council, and the student may not remain enrolled for this degree for more than four years, unless the College Council decides to maintain registration for another period that it determines based on the supervisor's report and after taking the opinion of the Department Council. The specialist.

Item (14):

Requirements to obtain a master's degree in veterinary medicine:

- a. The student must continue for a year the preparatory study decided by the College Council based on the proposal of the relevant department councils and the College's Graduate Studies Committee, provided that this study includes:
 - 1- The specialty subject is 3 theoretical hours and 4 practical hours per week.



- 2- Research methods course: 1 theoretical hour, 3 practical hours per week.
 - 3- A number of 3-5 graduate studies courses listed in Item (30) that are required by the nature of the research as ancillary materials, within the limits of 10-12 theoretical and practical hours per week.
- b. To successfully perform the written, practical and oral exams in the academic courses. The exam is held twice a year, and the student takes the exam in all courses every time he takes it .An exception is made for the student who failed the courses in biostatistics and veterinary economics. He will be re-examined in these courses without the other courses in which he has previously passed. The College Council, based on the proposal of the relevant departments, may deny the student from taking the exam if his attendance percentage is less than 75%, and in the event of his deprivation, he will repeat it. All courses are study and exam.

Item (15):

After his success in the academic courses, the student must lead (1) panel discussion held after the results of the preliminary exam appear and before the start of the practical part of the dissertation, in order to test his practical ability in his field of specialization and the ability to follow up his practical experiences. It is attended by a committee composed of at least (5) members of professors and assistant professors, including (the supervisor or supervisors), provided that the supervisors participate with one vote, so that the committee represents the subject of specialization and the subjects related to it, and the committee submits, after discussing the student, a report on his suitability to continue his research. If the student does not obtain the approval of the committee, the student will be discussed again two months after the date of the same previous committee



meeting, after making the amendments proposed by the committee regarding the reference research, a maximum of three times only, after which his registration will be cancelled.

Item (16):

The master's degree certificate in veterinary medicine indicates the subject of specialization and the title of the dissertation.

Second: Doctorate degree in veterinary medicine

Item (17): The Item was amended by Ministerial Resolution No. 407, March 1, 2021

Requirements for enrollment in the degree of Doctorate in Veterinary Medicine are:

He must have a master's degree in veterinary medicine or a master's degree in veterinary medical sciences in the specialty subject in which he will be enrolled from one of the Egyptian universities or an equivalent degree from another practical institute recognized by the Supreme Council of Universities..

Item (18):

The period of registration for obtaining a doctorate in veterinary medicine is at least three Gregorian years from the date of approval by the College Council, and the student may not remain enrolled for this degree for more than five years, unless the College Council decides to maintain registration for another period that it determines based on the supervisor's report and after taking the opinion of the Council. The relevant department.

Item (19): The Item was amended by Ministerial Resolution No. 11/24/2013.



To continue for one year the supplementary study decided by the College Council based on the proposal of the concerned department councils and the College Graduate Studies Committee, provided that this study includes:

- a. A basic doctoral course in the subject of specialization at a rate of 3 theoretical hours and 4 practical hours per week.
- b. A number of 2-5 graduate studies courses listed in Item (30), courses that the student has not previously studied in the master's degree, at a rate of 10-12 theoretical and practical hours per week, including at least four hours of auxiliary subjects.
- c. To successfully perform the written, practical and oral exams in the academic courses. The exam is held twice a year and is taken in the courses in which he failed or was absent. The College Council, based on the proposal of the relevant departments, may deny the student from taking the exam if his attendance rate is less than 75%. In the event of his deprivation, he repeats the courses from which he was deprived of study and examination.
- d. After his success in the academic courses, the student must perform (1) panel discussion held at the beginning of the practical part of the thesis, and a qualifying examination held after the completion of the practical part of the thesis and before the formation of the judging and discussion committee, in order to test his practical ability in his field of specialization and his ability to address practical problems.
- e. To conduct innovative research in his thesis for a period of at least three years from the date of the College Council's approval of registering the subject.



- f. The College Council may, based on the supervisor's recommendation, authorize the student to do part of the practical part of the thesis in another practical institute recognized by the university.
- g. After passing the qualifying examination, he must submit a thesis accepted by the judging committee and discuss it publicly.

Item (20):

Discussion panel :It is attended by a committee composed of at least (5) members of professors and assistant professors, including (supervisor or supervisors), provided that the supervisors have one vote, so that the committee represents the subject of specialization and the subjects related to it. After discussion, the committee submits a report on his suitability to continue his research. If the student does not obtain the approval of the committee, the discussion group will be held again two months after it was held by the same previous committee, after making the amendments proposed by the committee, a maximum of three times only, after which his registration will be cancelled.

Qualifying exam :It is held to determine the student's academic level in his field of specialization. It is attended by a committee composed of (5) members only, professors or assistant professors in the field of specialization.

Item (21):

The doctoral student publishes one research part of his dissertation and submits it published or accepted for publication on a date prior to the approval of the formation of the judging and discussion committee by the



university. This is one of the justifications for forming a judging and discussion committee.

Item (22):

The doctoral certificate in veterinary medicine indicates the subject of specialization and the title of the dissertation.

Third: Common provisions for master's and doctoral degrees

Item (23):

Applications for registration are submitted during the months of March and September of each year.

Item (24):

The student submits an application for enrollment to the Dean of the College, who refers it to the relevant department council to determine the subject of the dissertation and the study program. Then, after completing all papers, the matter is presented to the College Council for approval.

Item (25):

The Judging and Discussion Committee may make an amendment to the title of the thesis during the discussion without prejudice to the topic of the research.

Item (26):

The College Council may suspend the student's registration for a specific period if he presents an acceptable excuse that prevents him from continuing his studies or research. The period of suspension is not



counted among the periods stipulated in Items (13) and (18) of these regulations.

Item (27):

The student's registration is dropped in one of the following cases:

- 1- If his supervisors report that he is not sick during the registration period.
- 2- If the prescribed period has elapsed and he has not submitted his letter.
- 3- If the judging and discussion committee rejects the thesis twice in a row.
- 4- If the number of failures in the preliminary examinations has been exhausted.
- 5- If the number of failures in the qualifying exams has been exhausted.

Item (28):

The student submits seven copies of his thesis, after its validity is approved by the judging committee, to be distributed to the college. The judging committee may decide to exchange the thesis with other universities or print it at the university's expense.

Item (29):

If the thesis is rejected by the judging and discussion committee, the student shall submit the amendments required in the thesis within six months from the date of the University Council's approval, and they will be presented to the judging and discussion committee for further discussion.



Item (30):The Item was amended by Ministerial Resolution No. 3727 dated 8/27/2019 - and Ministerial Resolution No. 229 dated 1/24/2022.

The following tables show the postgraduate study courses for the master's and doctoral degrees and the number of lecture hours and weekly practical lessons for each course:

Subject	Course number	The course	The number of hours	
			theoretical	practical
Anatomy and embryology	First: Master's degree			
	1	Applied anatomy	2	2
	2	Anatomical technique and surface anatomy	2	2
	3	Bone and joint science	2	2
	4	Digestive system (comparative)	2	2
	5	Comparative genitourinary system	2	2
	6	Respiratory system (comparative)	2	2
	7	<u>Laboratory animals</u> <u>drink</u> Ministerial Resolution No. 3727 dated 8/27/2019	2	2
	8	<u>Fish anatomy</u> Ministerial Resolution No. 3727 dated 8/27/2019	2	2
	Second: PhD			
	9	Circulatory, lymphatic and cardiac systems (comparative)	2	2
10	The nervous system, specialized senses, and endocrine glands (comparative)	2	2	
11	General and private embryology	2	2	



	12	Bird anatomy	1	2
	13	Plastic	1	2
	14	mummification	1	1

Subject	Course number	The course	The number of hours	
			theory	practical
Histology and cytology	First: Master's degree			
	15	Cell science and cell chemistry	1	2
	16	Histology (general)	2	2
	17	Histological and histochemical composition of the blood and lymphatic system (comparative)	1	1
	18	The sigmoid and histochemical composition of the body's muscles, heart, and blood vessels (comparative)	1	1
	19	Histology of domestic birds	2	2
	20	Fish histology	1	2
	21	Chromosomal science and various changes	2	1
	22	Histological and histochemical preparatory methods	2	2
	23	Preparatory methods for electron microscopy and its applications	2	2
	24	Histological and histochemical composition of wild birds	2	2
	25	Histological and histochemical composition of	2	2



		wild birds		
	Second: PhD			
	26	Histological and histochemical structure of the respiratory system (comparative)	1	1
	27	Histological and histochemical composition of the digestive system (comparative)	2	2
	28	Histological and histochemical composition of the genitourinary system (comparative)	2	2
	29	Histological and histochemical composition of the nervous and endocrine systems	2	2
	30	Histological and histochemical composition for the special senses	1	2
	31	The histological and histochemical composition of the skin, hoof, hoof, and nails	2	2

Subject	Course number	The course	The number of hours	
			theory	practical
Physiology	First: Master's degree			
	32	Endocrine physiology	2	2
	33	Bird Physiology (Advanced)	2	2
	34	Nerve and muscle physiology	2	2
	35	Ruminant physiology	2	2
	36	Environmental, localization and cell	2	2



		physiology		
	37	Blood physiology	2	2
	Second: PhD			
	38	Reproduction for mammals	2	2
	39	Physiology of digestion, metabolism and energy	2	2
	40	Physiology of slute	1	2
	41	Radioactive isotopes and their biological uses	2	2
	42	Physiology of altitude	1	1
	43	Fish physiology	1	2

	Subject	Course number	The course	The number of hours	
				theory	practical
Biochemistry		First: Master's degree			
		44	Basics of biochemistry	2	3
		45	Nutritional metabolism	1	2
		46	Hormone chemistry and reproduction	2	2
		47	Clinical biochemistry	2	2
		48	Biochemistry of birds	2	2
		49	Biochemistry of microbes	2	2
		50	Fish biochemistry	1	2
		Second: PhD			
		51	Chemistry of tissues and bodily fluids	2	2
		52	Nutrition chemistry	2	2
		53	Radiation biochemistry	1	2



	54	Molecular biology	2	2
	55	Biophysics	2	2
	56	Immunochemistry	2	1

Subject	Course number	The course	The number of hours	
			theory	practical
Animal behavior and care Poultry and aquatic organisms	First: Master's degree			
	57	Behavior and care of ruminant animals (specific courses in livestock, buffalo, sheep, goats, and camels)	2	3
	58	Behavior and care of horses	2	3
	59	Behavior and care of domestic animals	1	2
	60	Behavior and care of experimental animals	2	2
	61	Behaviors and care of rabbits	1	2
	Second: PhD			
	62	Behavior and care of wild animals	2	2
	63	Poultry behavior and care	2	2
	64	Experimental animal behaviour	1	2

Subject	Course number	The course	The number of hours	
			theory	practical
Nutrition and clinical	First: Master's degree			
	65	Nutrition basics (specific courses)	2	2



	66	Farm animal nutrition (type) (Cow and buffalo nutrition - sheep and goat nutrition - horse nutrition - camel nutrition)	2	2
	67	Feeding birds and rabbits (advanced)	2	2
	68	Feeding wild animals	1	2
	69	Applied nutrition (qualitative)	2	2
	70	Clinical nutrition and malnutrition diseases	2	2
	71	Fish feed	2	2
Second: PhD				
	72	Grass material	2	2
	73	Feeding experimental animals	1	2
	74	Feed additives	1	2
	75	Nutrient analysis (plant – animal)	2	2

Subject	Course number	The course	The number of hours	
			theory	practical
Pathology	First: Master's degree			
	76	General Pathology and Oncology (Advanced)	2	2
	77	Pathology of microbial and parasitic diseases of animals	2	2
	78	Pathology of malnutrition	1	2
	79	Reproductive pathology	1	2
	80	Avian pathology	2	2
	81	Toxicology pathology	2	2
	82	Surgical pathology	2	2



	83	Fish pathology	1	2
	Second: PhD			
	84	Pathology of environmental pollution	1	2
	85	Experimental pathology	1	2
	86	Pathology of laboratory animals	1	1
	87	Genetic pathology	1	1

Subject	Course number	The course	The number of hours	
			theory	practical
Clinical pathology	First: Master's degree			
	88	Testing organ function, acid balance, body fluids, and urine	2	2
	89	Diagnosis of blood diseases and marrow examination	1	2
	90	Clinical pathology chemistry	1	2
	Second: PhD			
	91	Clinical Pathology (Advanced)	3	2
	92	Clinical pathology of poultry	1	2
	93	Clinical pathology of fish	1	2
	94	Clinical immunopathology	1	2

Subject	Course number	The course	The number of hours	
			theory	practical
Mic robi olog	First: Master's degree			



	95	General bacteriology (advanced)	1	2
	96	Molecular biology of bacteria	2	2
	97	Bacterial and fungal toxins	1	2
	98	Bacteriology and mycology of birds and rabbits	2	2
	99	Bacteriology and mycology of invertebrates	2	2
	100	Bacteriology and mycology of farm animals	2	2
	101	Bacteriology and mycology of pets	2	2
	102	Bacteriology and mycology of industrialization in the animal field	2	2
	103	Bacteriology and mycology of fish	2	2
Second: PhD				
	104	Special bacteriology (advanced)	3	2
	105	Basic immunity	2	2
	106	Applied and molecular immunology	2	2
	107	Advanced mycology	2	2

Subject	Course number	The course	The number of hours	
			theory	practical
Virology	First: Master's degree			



	108	General virology (advanced)	2	3
	109	Virology (private)	3	2
	110	Molecular biology of viruses	2	2
	111	Virus diagnostics	2	2
	112	Virus immunology	2	2
	113	Viruses of wild animals and birds	2	2
	114	Reproductive viruses	2	2
	115	Virology of domestic and experimental animals	2	2
	116	Virology of poultry and rabbits	2	2
	117	Fish virology	2	2
	Second: PhD			
	118	Viral vaccinology	2	2
	119	Specific viruses (cows, buffalo, camels, horses, sheep, goats)	2	2
	120	Insect-borne viruses	2	2
	121	Cancer viruses	2	2
	122	Virus biotechnology	2	2
	123	Industrial virology in the animal field	2	2
	124	Viruses pollute the environment	2	2

Subject	Course number	The course	The number of hours	
			theory	practical
P a r t				



First: Master's degree			
125	Veterinary medical insects	2	2
126	Worms	3	2
127	Protozoa	2	2
128	Parasites of birds and rabbits	2	2
129	Clinical parasitology	2	2
130	Parasites of wild animals	2	2
131	Fish parasites	2	2
132	Reproductive system parasites	2	2
133	Parasites common to humans and animals	1	1
Second: PhD			
134	Snails and their medical importance	2	2
135	Parasitic immunity	2	2
136	Veterinary parasitology	2	2
137	Physiology and chemistry of parasites	2	2
138	Parasites as a source of environmental pollution	1	2
139	Genetic engineering to diagnose parasites	2	2
140	General parasitology (advanced)	2	2

Subject	Course number	The course	The number of hours
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			theory	practical
Pharmacology	First: Master's degree			
	141	General Pharmacology (Advanced)	2	2
	142	Anesthesia pharmacology	2	2
	143	Device pharmacology	2	2
	144	Pharmaceutical hormones	1	2
	145	Chemotherapy	2	2
	146	Biological evaluation of the drug	1	1
	147	Fish pharmacology	2	2
	148	Pharmaceuticals	2	2
	149	Pharmaceutical marketing and media	2	1
	Second: PhD			
	150	Pharmacology of the autonomic nervous system and topical hormones	2	2
	151	Pharmacology of the central nervous system	2	2
	152	Metabolic pharmacology	2	2
	153	Immunopharmacology	2	1
	154	Drug interaction	2	1
155	Clinical pharmacology	2	2	
156	Medication residue	2	1	

Subject	Course number	The course	The number of hours
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<u>Dairy health</u>			theoretical	practical	
	First: Master's degree				
	157	Microbiology of dairy products	2	2	
	158	Technology and preservation of milk and dairy products	2	2	
	159	Food analysis (qualitative courses on dairy products - eggs, oils and fats)	2	2	
	160	Food poisoning	1	2	
	Second: PhD				
	161	Health control of dairy products (advanced)	2	2	
	162	Specific courses (in milk contamination - milk production disorders - diseases transmitted through milk and its products - suitability of eggs, oils and fats)	2	2	
163	Sanitary affairs for dairy factories	2	2		

	Subject	Course number	The course	The number of hours	
				theoretical	practical
<u>Meat health</u>	First: Master's degree				
	164	Health of the slaughtered animal	1	2	
	165	Health control of meat and its products	2	2	
	166	Inspection of poultry and rabbit meat	1	2	



	167	Food technology (specific courses in: meat technology - poultry technology - fish technology)	1	2
	168	Microbiology of meat, fish, poultry and their products	2	2
	169	Analysis of meat, fish, poultry and their products	2	2
	170	Forced slaughter	1	1
	171	Meat contaminants (chemical residues)	2	2
Second: PhD				
	172	Health and management of slaughterhouses	2	2
	173	Animal waste (advanced)	2	2
	174	Preserving meat, poultry, fish and their products	2	2
	175	Sanitary affairs for meat, fish and poultry factories	2	2
	176	Food packaging	1	1

Subject	Course number	The course	The number of hours	
			theoretical	practical
Internal diseases	First: Master's degree			
	177	General Medicine (Advanced)	2	2
	178	Diseases of the equine species	2	2
	179	Domestic animal diseases	2	2
	180	Diseases of wild animals	2	2
	181	Metabolic disorders	2	2



	182	skin diseases	1	2
	183	Stress diseases in animal transport	1	2
Second: PhD				
	184	Ruminant animal diseases, specific courses (cattle - buffalo - camels - sheep – goats)	3	3
	185	Nutritional deficiency diseases	2	2
	186	Diseases of newborn animals	2	2
	187	Clinical diagnosis of internal diseases	2	2

Subject	Course number	The course	The number of hours	
			theoretical	practical
Infectious diseases	First: Master's degree			
	188	Infectious cattle diseases	2	3
	189	Infectious diseases of sheep and goats	2	2
	190	Infectious beauty diseases	2	2
	191	Infectious diseases of horses	2	2
	192	Infectious domestic animal diseases	2	2
	193	Laboratory animal diseases	1	2
	194	Udder and calf diseases	2	2
	Second: PhD			
	195	Infectious diseases of buffalo	3	3
	196	Infectious diseases of	2	2



		wild animals		
	197	Clinical diagnosis of infectious diseases	2	2
	198	Infectious diseases (general)	2	3

Subject	Course number	The course	The number of hours	
			theory	practical
Forensic medicine, toxicology and veterinary procedures	First: Master's degree			
	199	Environmental toxins	2	2
	200	Laboratory diagnosis of toxins	2	2
	201	Drug toxicity	1	2
	Second: PhD			
	202	Forensic Medicine, Toxicology and Veterinary Procedures (Advanced)	2	2
	203	General Toxicology (Advanced)	2	3
	204	Toxins from a forensic medical point of view	2	2

Subject	Course number	The course	The number of hours	
			theoretical	practical
Obstetrics, reproduction and artificial insemination	First: Master's degree			
	205	Lack of fertility and stress	2	2
	206	Advanced reproduction in females, specific courses (in ruminants - equine species - camels - and domestic and aquatic animals)	2	2



207	Advanced Andrology Specific courses (in ruminants - equine species - camels - and domestic and aquatic animals)	2	2
208	Obstetrics Specific courses (in ruminants - horses, camels, domestic and aquatic animals)	2	3
209	Artificial insemination specific courses (in ruminants, horses, camels, domestic animals, and German animals)	2	3
210	Reproduction and immunity	2	2
Second: PhD			
211	Biotechnology in reproduction, specific courses (in ruminants, equine species, camels, and domestic and aquatic animals)	2	2
212	Reproductive evaluation of farms	2	1
213	Reproduction in wild animals	2	2
214	Reproduction in aquatic animals	2	2
215	Genetic engineering for reproduction	2	2



Subject	Course number	The course	The number of hours	
			theoretical	practical
Surgery, anesthesia and radiology	First: Master's degree			
	216	General Surgery (Advanced)	2	3
	217	Special surgery (organs)	2	3
	218	Experimental surgery	1	2
	219	Anesthesia	1	2
	220	Radiology and ultrasound	1	2
	221	Endoscopic Surgery	1	3
	Second: PhD			
	222	Eye, nose, ear and throat surgery	1	2
	223	Gastrointestinal surgery	1	2
	224	Leg surgery, hoof and hoof diseases	2	2
	225	Urinary and reproductive system surgery	1	2
	226	Lasers and their uses in veterinary surgery	1	2
	227	Modern methods of surgical diagnosis using CT scan and MRI	1	3

Subject	Course number	The course	The number of hours	
			theoretical	practical
Diseases of birds and rabbits	First: Master's degree			
	228	Bacterial poultry diseases	2	2
	229	Viral poultry diseases	2	2
	230	Fungal diseases of poultry	2	2
	231	Nutritional deficiency diseases	1	2



	232	Rabbit diseases (advanced)	2	2
	233	Viral diseases of rabbits	1	2
	234	Nutritional deficiency diseases in rabbits	1	2
Second: PhD				
	235	Poultry diseases (advanced)	2	2
	236	Parasitic diseases of poultry	2	2
	237	Specific bird diseases (chickens, ducks, quail, turkeys, ostriches, wild and migratory birds, ornamental birds)	3	3
	238	Laboratory diagnosis of poultry diseases	2	2
	229	Preventive vaccines for poultry	2	2
	240	Parasitic diseases of rabbits	2	2
	241	Bacterial diseases of rabbits	2	2

Subject	Course number	The course	The number of hours	
			theoretical	practical
Animal and poultry health and the environment	First: Master's degree			
	242	Farm Animal Health (Advanced)	2	2
	243	Poultry Health (Advanced)	2	2
	244	Environmental health and pollution	2	3
	245	Control of epidemic diseases	2	2
	246	Resistance to rodents and disease vectors	2	2



	247	Animal housing health (specific courses in livestock housing - horse housing - poultry housing - rabbit housing - domestic animal housing - laboratory animal housing)	2	2
	248	Disinfectants and disinfection	2	2
Second: PhD				
	249	Pesticides and public health	2	2
	250	Study of the occurrence and spread of diseases/epidemiology (specific courses in: animal epidemiology - bird epidemiology)	2	2
	251	Heavy metals and public health	2	2
	252	Health and veterinary systems	2	2

Subject	Course number	The course	The number of hours	
			theoretical	practical
Common diseases	First: Master's degree			
	253	The role of rodents and wild animals in transmitting common diseases	2	2
	254	The role of birds in transmitting common diseases	2	2
	255	The role of fish in transmitting common diseases	2	2



	256	The role of insects in transmitting common diseases	2	2
	Second: PhD			
	257	Common Diseases “Advanced) ”specific courses in: bacterial and fungal diseases - viral diseases - parasitic diseases – rickettsia)	2	2
	258	Common foodborne bacterial and viral diseases	2	2
	259	Immune response to human exposure to common diseases	2	2
	260	Common occupational diseases for veterinarians	2	2

Subject	Course number	The course	The number of hours	
			theoretical	practical
Veterinary genetics and genetic engineering	First: Master’s degree			
	261	Cytological inheritance	2	1
	262	Molecular genetics and genetic engineering	2	1
	263	Physiological and pharmacogenetics	2	1
	264	Radiological and chemical genetics	2	2
	265	Poultry genetics	2	2
	266	Fish genetics	2	1
	Second: PhD			
	267	Inheritance of microorganisms	1	2
	268	Animal disease genetics	2	1



		and immunity		
	269	Behavior inheritance	1	1
	270	Inheritance of mutations and environmental pollution	2	1

Subject	Course number	The course	The number of hours	
			theoretical	practical
Animal breeding and production	First: Master's degree			
	271	Poultry breeding and production	2	2
	272	Fish breeding and production	2	1
	273	Breeding and production of dairy cattle	2	2
	274	Breeding and production of sheep and goats	2	2
	275	Rabbit breeding and production (advanced)	2	2
	276	Clan inheritance (advanced)	2	1
	Second: PhD			
	277	Animal breeding and production	2	2
	278	Breeding and production of beef cattle	2	2
	289	Breeding and production of domesticated birds (ostriches, quail, turkeys, ducks, geese)	2	2
	280	Genetic improvement	2	1
	281	Wool production and technology	2	1
	282	Breeding and production of horses - buffalo - camels	2	2



Subject	Course number	The course	The number of hours	
			theoretical	practical
Biostatistics				
	First: Master's degree			
	283	Biostatistics (advanced)	2	2
	284	Design experiments	2	2
	Second: PhD			
	285	Computer and information processing	2	2

Subject	Course number	The course	The number of hours	
			theoretical	practical
Veterinary economics and farm management				
	First: Master's degree			
	286	Economics of dairy farms	2	2
	287	Economics of poultry production farms	2	2
	288	Feasibility studies	2	1
	Second: PhD			
	289	Economics Farms animal production and marketing	2	2
	290	Economics Meat production farms	2	2
	291	Economics of fish farms	2	1



Subject	Course number	The course	The number of hours	
			theoretical	practical
Fish diseases and care	First: Master's degree			
	292	Fish Diseases (Advanced)	2	2
	293	Fish farms	2	2
	294	Diseases caused by pollution and chemical poisoning		
	295	Laboratory diagnostic methods for diseases of fish and crustaceans	2	1
	Second: PhD			
	296	Fish biology	2	2
	297	Breeding and caring for fish	2	2
	298	Immunodeficiency diseases in fish		
	299	Nutritional deficiency diseases in fish	2	1

Third: Postgraduate diplomas

Item (31) The Item was amended by Ministerial Resolution No. 407 dated 3/1/2021

A student must be registered to obtain any of the postgraduate diplomas referred to under Item (2/II):

A- He must have a bachelor's degree in veterinary medicine or a bachelor's degree in veterinary medical sciences from an Egyptian university, or an equivalent degree from another practical institute recognized by the Supreme Council of Universities.



B- He must study regularly in accordance with the study schedules prepared by the college.

C- Applications for registration to obtain a diploma are submitted during the month of September of each year.

Item (32)

The duration of study to obtain any of the postgraduate diplomas is one year, and the student may not remain enrolled for the diploma for more than two years.

Item (33)

A- Postgraduate diploma exams are held twice a year, and the student takes a written, practical, and oral exam in all academic courses each time he takes it.

B- The College Council, upon the request of the relevant department councils, may prohibit the student from sitting for the exam if his attendance rate is less than 75%. If he is denied, he must repeat the exam in all the diploma courses in which he is registered.

Item (34)The Item was amended by Ministerial Resolution No. 4667 dated 11/5/2015, Ministerial Resolution No. 5205 dated 10/18/2016, Resolution of the Supreme Council of Universities dated 7/13/2015, Resolution of the Supreme Council of Universities dated 5/9/2017.

The following tables show the courses of study for postgraduate diplomas and the number of lecture hours and practical applications allocated to each course per week. The College Council approves the topics taught in each course based on the suggestions of the relevant department councils.

1- Diploma of veterinary guidance: (Diploma of veterinary guidance)



The number of hours		Courses
practical	theoretical	
2	2	Veterinary health systems
2	2	Media (advertising and media)
-	1	Biostatistics and computers
-	2	Feasibility studies
-	2	Sociology
2	1	Guidance methods
6	10	the total

2- Diploma of laboratory animals: (Diploma of laboratory animals)

The number of hours		Courses
practical	theoretical	
2	2	Behavior and care of experimental animals
1	1	Feeding experimental animals
1	1	General bacteriology
1	1	General parasitology (advanced)
1	1	Pathology of laboratory animals
1	1	Virology of experimental animals
1	1	Experimental surgery
8	8	the total

3 - Diploma of wild animals: (Diploma of wild animals)

The number of hours		Courses
practical	theoretical	
-	2	Environmental physiology
1	1	epidemiology
1	1	Wild animal care
2	1	Diseases of wild animals (internal)
2	1	Wildlife diseases (infectious)
1	1	Parasites of wild animals
1	1	The role of rodents and wild animals in transmitting common diseases
8	8	the total



4-Diploma of artificial insemination: (Diploma of artificial insemination)

The number of hours		Courses
practical	theoretical	
1	2	Obstetrics (advanced)
1	1	Reproductive physiology of mammals
1	1	Reproductive virology
2	1	Artificial insemination
1	1	Hormone chemistry and reproduction
1	1	Comparative genitourinary system (anatomy)
1	1	Histological and histochemical composition of the genitourinary system
8	8	the total

5- Diploma in fish diseases: (Diploma of aquatic fish diseases)

The number of hours		Courses
practical	theoretical	
2	1	Breeding and caring for fish
1	1	Fish feed
1	1	Bacteriology and mycology of fish
2	1	Fish virology
1	1	Fish parasites
1	2	Fish diseases
1	1	Fish physiology
8	8	the total



6- Diploma of veterinary public health:

The number of hours		Courses
practical	theoretical	
2	2	Farm animal health
1	1	General bacteriology
1	1	General parasitology (advanced)
1	1	epidemiology
1	1	Advanced joint disease
1	1	Biostatistics and computers
1	1	Special virology
8	8	the total

7- Diploma of Reproduction:

The number of hours		Courses
practical	theoretical	
2	2	Advanced reproduction in females
1	1	Reproductive pathology
1	1	Reproductive physiology of mammals
1	1	Comparative anatomy of the genitourinary system
1	1	Reproductive viruses
1	1	Special bacteriology
1	1	Reproductive system parasites
8	8	the total



8- Diploma of avian and rabbit diseases: Diploma of avian and rabbit diseases)

The number of hours		Courses
practical	theoretical	
1	2	Poultry diseases (advanced)
2	1	Rabbit diseases (advanced)
1	1	Virology of poultry and rabbits
1	1	Parasites of birds and rabbits
1	1	Bacteriology and mycology of birds and rabbits
1	1	Poultry Health (Advanced)
1	1	Advanced bird and rabbit feeding
1	1	Poultry Pathology (Advanced)
1	1	Ministerial Resolution No. 5205 dated 10/18/2016
9	9	the total

9- Diploma of clinical pathology: (Diploma of clinical pathology)

The number of hours		Courses
practical	theoretical	
2	2	Clinical Pathology (Advanced)
1	1	General Pathology (Advanced)
1	1	Virus diagnostics
1	1	General bacteriology (advanced)
1	1	Clinical parasitology
1	1	Clinical biochemistry
1	1	Clinical pathological chemistry
8	8	the total



10- Diploma in food hygiene: (Diploma of food hygiene)

The number of hours		Courses
practical	theoretical	
1	2	Health control of dairy and dairy products
2	2	Health control of meat and its products
2	1	Microbiology of meat, fish, poultry and their products
1	2	Food analysis
2	1	Food technology (qualitative courses)
8	8	the total

11- Diploma in animal care: (Diploma of animal husbandry)

The number of hours		Courses
practical	theoretical	
2	2	Behavior and care of ruminants
2	2	Farm Animal Health(Advanced)
1	1	Genetic improvement
1	1	Clinical nutrition and malnutrition diseases
1	1	Animal breeding and production
1	1	Reproductive physiology of mammals
8	8	the total



12- Diploma of pet animals: (Diploma of pet animals)

The number of hours		Courses
practical	theoretical	
1	2	Domestic animal diseases (internal)
2	1	Infectious domestic animal diseases
1	1	Applied nutrition
1	1	Advanced obstetrics (domestic animals)
1	1	Clinical pharmacology
1	1	General surgery (advanced)
		Behavior and care of domestic animals
8	8	the total

13 - Diploma of farm animal diseases

The number of hours		Courses
practical	theoretical	
2	2	General medicine (internal medicine)
2	2	Infectious diseases (general)
1	1	Clinical nutrition and nutritional diseases
1	1	General Pathology (Advanced)
1	1	Veterinary parasitology
1	1	Clinical pharmacology
8	8	the total



14- Diploma in Pharmacology and Veterinary Medical Preparations:

(Diploma of pharmacology and veterinary pharmacy)

The number of hours		Courses
practical	theoretical	
2	2	General pharmacology
1	1	Basics of biochemistry
1	1	Physiology of digestion, metabolism and energy
1	1	Drug toxicity
2	2	Pharmaceuticals
1	1	Experimental pathology
8	8	the total

15- Diploma of veterinary surgery:

The number of hours		Courses
practical	theoretical	
1	2	General Surgery (Advanced)
2	1	Radiology and ultrasound
2	1	Anesthesia
1	1	Applied anatomy
1	1	Surgical pathology
1	2	Special surgery
8	8	the total



16 - Diploma of animal byproducts: (Diploma of animal byproducts)

The number of hours		Courses
practical	theoretical	
2	2	Health control of meat and its products
2	2	Animal waste (advanced(
2	2	Environmental health and pollution
1	1	Pharmaceutical hormones
1	1	Health and management of slaughterhouses
8	8	the total

17- Diploma of environmental pollution: (Diploma of environmental pollution)

The number of hours		Courses
practical	theoretical	
2	2	Environmental health and pollution
1	1	Pathology of environmental pollution
1	1	Environmental toxicology (forensic medicine)
1	1	Radioactive isotopes and their biological uses
1	1	Animal waste
2	2	epidemiology
8	8	the total



18- Diploma of applied parasitology: (Diploma of applied parasitology)

The number of hours		Courses
practical	theoretical	
2	1	Protozoa
1	2	see
1	1	CrowdT and arachnids
1	1	Pathology of parasitic diseases
1	1	Environmental health and pollution
1	1	Comorbidities (advanced)
1	1	Parasitic immunity
8	8	the total

19- Diploma in Microbiology: (Diploma of microbiology)

The number of hours		Courses
practical	theoretical	
2	1	General bacteriology (advanced)
2	2	General virology
1	2	Basic immunity
1	2	<u>Fungi (Advanced)</u> Course of the Supreme Council of Universities dated 9/5/2017
1	1	Applied and molecular immunity
1	1	epidemiology
8	9	the total



20- Diploma of immunity:

The number of hours		Courses
practical	theoretical	
2	2	Basic immunity
2	2	Applied and molecular immunology
2	2	Virus immunology
1	1	Clinical immunopathology
1	1	General bacteriology
8	8	the total

21-Diploma in Museum, Audio and Visual Technologies for Anatomy and Embryology:

(Diploma of museum techniques and audiovisual aids for anatomy and embryology)

The number of hours		Courses
practical	theoretical	
2	2	Applied anatomy
1	2	Anatomical technique and surface anatomy
2	1	Plastic
1	1	mummification
2	2	General and private embryology
8	8	the total



22-Diploma in tissue, histochemical and cytological examination and preparation:

(Diploma of examination and preparation of tissues, histochemistry and cytology)

The number of hours		Courses
practical	theoretical	
1	2	Cell science and cell chemistry
2	1	General histology
2	1	Preparatory methods for electron microscopy and its applications
1	2	Preparatory methods for histology and chemical histology
1	1	Clinical pathological chemistry
1	1	Chemistry of tissues and bodily fluids (chemistry)
8	8	the total

23- Diploma of Veterinary Radiology: (Diploma of radiology)

The number of hours		Courses
practical	theoretical	
2	2	Radiology and ultrasound
2	2	Modern methods of surgical diagnosis using CT scan and MRI
2	2	General Surgery (Advanced)
1	1	Private garage
1	1	Bone and joint science (anatomy)
8	8	the total



24- Diploma in common diseases: (Diploma of zoonotic diseases)

The number of hours		Courses
practical	theoretical	
2	2	Joint diseases (advanced)
1	1	epidemiology
1	1	Insect-borne viruses
1	1	Parasites common between humans and animals
1	1	Common occupational diseases for veterinarians
2	1	
1	2	The role of fish in transmitting common diseases
8	8	the total

25- Diploma of drug propaganda and marketing

The number of hours		Courses
practical	theoretical	
2	2	General pharmacology
1	1	Pharmaceuticals
1	1	Drug toxicity
2	2	Clinical pharmacology
1	1	Basics of biochemistry
1	1	Pharmaceutical marketing and media
8	8	the total



26- Diploma in Virology: (Diploma of virology)

The number of hours		Courses
practical	theoretical	
2	2	General virology (advanced)
2	2	Special virology
1	1	Virus diagnostics
1	1	Viral vaccinology
1	1	Virus biotechnology
1	1	Common viral diseases transmitted through food
8	8	the total

27 - Diploma in food technology: Diploma of food technology

The number of hours		Courses
practical	theoretical	
2	2	Food Technology (Meat)
2	2	Technology and preservation of milk and dairy products
1	1	Microbiology of meat, fish, poultry and their products
2	2	Analysis of meat, fish, poultry and their products
1	1	Food packaging
8	8	the total



28- Diploma of diagnostic behaviors:

The number of hours		Courses
practical	theoretical	
2	1	Behavior and care of ruminants
1	2	Farm Animal Health (Advanced)
1	1	Advanced general medicine (internal medicine)
1	2	Behavior and care of horses
2	1	Poultry behavior and care
1	1	Ruminant physiology
8	8	the total

29 - Diploma of veterinary epidemiology: (Diploma of veterinary epidemiology)

The number of hours		Courses
practical	theoretical	
2	2	epidemiology
1	1	Biostatistics (advanced)
1	1	Comorbidities (advanced)
1	1	General bacteriology
2	2	Control of epidemic diseases
1	1	General viruses
8	8	the total



30 - Diploma in animal production: (Diploma of animal production)

The number of hours		Courses
practical	theoretical	
2	2	Animal breeding and production
2	2	Economics of livestock production farms and marketing
1	1	Farm animal nutrition (qualitative)
1	1	Farm animal health
8	8	the total

**31- Diploma in Veterinary Genetics and Genetic Engineering:
(Diploma of veterinary genetic and genetic engineering)**

The number of hours		Courses
practical	theoretical	
2	2	Cytological inheritance
2	2	Molecular genetics and genetic engineering
1	1	Biochemistry (basics)
1	1	Cell science (histology)
1	1	Biostatistics (advanced)
1	1	Computer and data processing
8	8	the total



33- Diploma in poultry production: (Diploma of poultry production)

The number of hours		Courses
practical	theoretical	
2	2	Poultry breeding and production
2	2	Poultry genetics
1	1	Feed birds and rabbits
1	1	General bacteriology
1	1	General virology
1	1	Biostatistics (advanced)
8	8	the total

33- Diploma of biochemistry:

The number of hours		Courses
practical	theoretical	
2	1	Biochemistry (basics)
2	1	Microbial biochemistry
1	2	Clinical biochemistry
1	1	Blood physiology
1	1	Clinical parasitology
1	2	Molecular biology
8	8	the total



34- Diploma of Tropical Animal Medicine: (Diploma of tropical animal medicine)

The number of hours		Courses
practical	theoretical	
2	2	General parasitology (advanced)
1	1	Veterinary medical insects
1	1	Special virology
1	1	Special bacteriological
1	1	Infectious diseases (general)
1	1	Environmental health
1	1	Common diseases
8	8	the total

35- Diploma of fish care and production: (Diploma of fish management and production)

The number of hours		Courses
practical	theoretical	
1	2	Fish diseases (advanced)
2	1	Breeding and caring for fish
2	1	Laboratory diagnostic methods for diseases of fish and crustaceans
1	2	Fish feed
1	1	Fish parasites
1	1	Fish virology
8	8	the total



**36 - Diploma of nutrition and nutritional deficiency diseases:
(Diploma of nutrition and nutritional deficiency diseases)**

The number of hours		Courses
practical	theoretical	
2	2	Nutrition Basics (Qualitative)
2	1	Applied nutrition (qualitative)
1	1	Physiology of digestion and metabolism
2	2	Feed additives
1	2	Food analysis
8	8	the total

37- Diploma of clinical toxicology: (Diploma of clinical toxicology)

The number of hours		Courses
practical	theoretical	
2	2	General toxicology (advanced)
2	2	Environmental toxins
2	2	Laboratory diagnosis of toxins
1	1	Advanced general medicine (internal medicine)
1	1	Pharmacology (general)
8	8	the total



38- Diploma of clinical diagnosis:

The number of hours		Courses
practical	theoretical	
2	2	Clinical diagnosis
2	2	General Medicine (Advanced)
2	2	Infectious diseases (general)
1	1	Radiology and ultrasound
1	1	General toxicology (advanced)
8	8	the total

39- Diploma of ruminants animal diseases: (Diploma of ruminants animal diseases)

The number of hours		Courses
practical	theoretical	
2	2	Diseases of ruminants (internal)
2	2	Infectious diseases of cattle, buffalo, sheep and goats
1	1	Parasites (general)
1	1	General Pharmacology (Advanced)
1	1	Special virology
1	1	Special bacteriological
8	8	the total



40- Diploma in Equine Diseases :(Diploma of equine diseases)

The number of hours		Courses
practical	theoretical	
2	2	Equine diseases (internal)
2	2	Infectious diseases of horses
1	1	Bacteriologist (special)
1	1	virology (special)
1	1	General Pharmacology (Advanced)
1	1	Farm animal nutrition (type)
8	8	the total

41 - Diploma of management of slaughterhouses: (Diploma of management of abattoir)

The number of hours		Courses
practical	theoretical	
2	2	Health and management of slaughterhouses
1	2	Health control of meat and its products
2	1	Animal waste
1	1	Disinfectants and disinfection
1	1	Meat contaminants
1	1	Forced slaughter
8	8	the total



42 - Diploma of diseases and care of racing horses: (Diploma of diseases and management of racing horses)

The number of hours		Courses
practical	theoretical	
2	2	Horse viruses
1	1	Behavior and care of horses
1	2	Nerve and muscle physiology
2	2	Control of epidemic diseases
2	1	Standard specifications for Arabian horses
8	8	the total

43- Diploma of camel diseases: (Diploma of camel diseases)

The number of hours		Courses
practical	theoretical	
1	2	Infectious beauty diseases
1	2	Beauty viruses
2	1	Veterinary parasitology
2	1	Resistance to rodents and disease vectors
1	1	Beauty diseases (internal)
1	1	Interstitial toxins
8	8	the total



44 - Diploma of ostrich diseases: (Diploma of ostrich diseases)

The number of hours		Courses
practical	theoretical	
1	2	Poultry Health (Advanced)
2	2	Virology of poultry and rabbits
1	2	Bacteriology and mycology of birds and rabbits
2	1	Specific bird diseases (ostriches)
2	1	Nutrition basics
8	8	the total

45 - Diploma of reproductive health care:

The number of hours		Courses
practical	theoretical	
2	2	Advanced obstetrics
2	1	Advanced Andrology
2	1	Artificial insemination
1	2	Advanced reproduction in females
1	1	Infertility and miscarriage
—	1	Reproductive evaluation of farms
8	8	the total



46 - Diploma of forensic medicine: (Diploma of forensic medicine)

The number of hours		Courses
practical	theoretical	
2	2	Forensic Medicine and Veterinary Procedures (Advanced) Toxins from a forensic medical point of view Chemistry of tissues and bodily fluids Toxicology pathology Diagnosis of blood diseases and marrow examination
2	2	
1	1	
2	2	
1	1	
8	8	the total

47-Diploma of veterinary oncology: (Diploma of veterinary oncology)

(Addition to the course of the Supreme Council of Universities dated 7/13/2015)

The number of hours		Courses
practical	theoretical	
2	2	General Pathology (Advanced) Pathology of various tumor causes Special Pathology (Advanced) cytology Chemistry of tissues and bodily fluids
2	2	
2	2	
1	1	
1	1	
8	8	the total



48- Diploma of domestic animal diseases: (Diploma of pet animals diseases)

(Added by Ministerial Resolution No. 4667 dated 11/5/2015)

The number of hours		Courses
practical	theoretical	
2	2	Domestic animal diseases
2	2	Infectious domestic animal diseases
3	2	Andrology of domestic animals
2	2	General Surgery
8	8	the total

Item (35):

The College Council may, after the approval of the University Council and the Supreme Council of Universities, add other courses or diplomas to the diplomas specified in Item (34) in accordance with the new circumstances.

Item (36):

The system for the student's examination and success in postgraduate studies stipulated in Item (14B), Item (19C), and Item (33A) shall be as follows:

a - The written examination time is estimated at three hours for each course whose weekly study hours are 3 hours or more and 2 hours less than that.

B -The maximum grade is estimated at 100 points for each course whose weekly study hours are 3 hours or more and 50 points



for less than that. These grades are distributed at a rate of 50% for the written exam, 50% for the oral and practical exams.

C -The student's success in each course is estimated by one of the following:

- Prominent 90% or more of the total grades**
- Very good 80 % or more of the total grades**
- Good 70 % or more of the total grades**
- Popular 60 % or more of the total grades**

The student's failure will be based on one of the following grades:

weak from 45% to less than 60% of the total grades.

Very weak, less than 45% of the total score .

Transitional provisions

Item (37):

The provisions of these regulations shall apply as of the date of registrations following the issuance of the ministerial course.

Item (38):

The applicable regulations continue to be implemented (as a transitional stage) for students registered for an academic degree on a date prior to the date of the ministerial course, clause (37), until obtaining the academic degree, provided that there is consistency in attendance and seriousness in pursuing the research.