

## Specification for Poultry Diseases course 2019/2020

### A-Affiliation

1.	<b>Relevant program</b>	Bachelor of Veterinary Medical Science (BVMSc)
2.	<b>Department offering the course</b>	Poultry and rabbit Diseases

**Date of specification approval:** ministerial decree No. 1727 on 26/4/2017  
(Approved in this template by the department council on 1/10/2019)

### B-Basic information

1.	<b>Course title</b>	Poultry Diseases
2.	<b>Course code</b>	513 (B) II
3.	<b>Level</b>	5 <sup>th</sup> year
4.	<b>Semester</b>	Second semester
5.	<b>Total hours</b>	5
6.	<b>Lecture hours</b>	2
7.	<b>Practical hours</b>	3

### C-Professional Information

#### 1- Course learning objectives

The aim of the course is to provide the students with basic education in the field of all diseases affecting poultry and rabbits to enable them to gain the skills and attitudes required for the practice of field and laboratory diagnosis, And to design programs for disease prevention and control. Also improve interpersonal communication in society between veterinarian and both poultry and rabbits producers to enhance poultry and rabbit health and production.

#### 2- Intended learning outcomes of the course (ILOs):

##### a- Knowledge and understanding

After successful completion of the course the students should be able to:

- a.1. Mention various causes of poultry and rabbit diseases, their pathogenesis, macroscopic and microscopic pathological lesions, and laboratory diagnosis.
- a.2. Identify the most appropriate diagnosis and differential diagnosis of poultry and rabbit diseases.
- a.3. Describe the methods of disease prevention and control

##### b- Intellectual skills

After successful completion of the course the students should be able to:

- b.1. Collect history and data required for disease diagnosis..
- b.2. Analyze the causes of the problem.
- b.3. Design differential diagnosis to reach the specific disease for good control of the case.

b.4 Assess the problem according to available facilities

### c- Professional and practical skills

After successful completion of the course the students should be able to:

- c.1. Carry out case history from poultry flock.
- c.2. Apply clinical examination of diseased cases
- c.3. Perform lab diagnosis.
- c.4. Design case report and interpret findings.
- c.5. Choose therapeutic approach of the case

### d- General and transferable skills

After successful completion of the course the students should have the following skills

- d1- Searching and presentation skill
- d2- Communication skill
- d3- Cooperate with other veterinary poultry farms in the field.
- d4- Search for new technological methods for practical diagnosis
- d5- problem solving skill

### 3- Course contribution in the program ILOs:

Course ILOS	Program ILOS
A <b>Knowledge and understanding</b>	a <sup>11</sup>
B <b>Intellectual skills</b>	b <sup>12</sup>
C <b>Professional and practical skills</b>	c <sup>7</sup>
D <b>General and transferable skills</b>	d <sup>1,3,5,6</sup>

#### 3.1- Course contents:

Topic	Lecture hours	Practical hours
Aspergillosis	4	2
Candidiasis	1	2
Favus	1	2
Aflatoxicosis	1	2
Ochratoxicosis	1	2
Coccidiosis	1	2
Cryptosporidiosis	1	2
Histomoniasis	1	2
Nematodes	2	2
Cestodes and Trematodes	2	2
Extoparasites	1	2
Vit. A deficiency	1	2
Vit. D. deficiency	1	2
Vit. E. deficiency	1	2
Vit. K. deficiency	1	2
Vit. B1 & B2. deficiency	2	3
Calcium and Phosphores deficiency	1	2
Skin Diseases of Rabbits	1	2

Diseases of Respiratory system of Rabbits	2	2
Diseases of Digestive system of Rabbits	2	2
Diseases of Urogenital system of Rabbits	1	2
Diseases of Eye of Rabbits	1	2
Total	30	45

**The midterm and practical exams are included during the semester**

### 3.2- ILOs matrix:

Topic	A) Knowledge and understanding	B) Intellectual skills	C) Professional and practical skills	D) General and transferable skills
Aspergillosis	a1,a2,a3,	b1,b2,b3,b4	c1,c2,c3,c4,c5	d1,d2,d3,d4, d5
Candidiasis	a1,a2,a3,	b1,b2,b3,b4	c1,c2,c3,c4,c5	d1,d2,d3,d4, d5
Favus	a1,a2,a3,	b1,b2,b3,b4	c1,c2,c3,c4,c5	d1,d2,d3,d4, d5
Aflatoxicosis	a1,a2,a3,	b1,b2,b3,b4	c1,c2,c3,c4,c5	d1,d2,d3,d4, d5
Ochratoxicosis	a1,a2,a3,	b1,b2,b3,b4	c1,c2,c3,c4,c5	d1,d2,d3,d4, d5
Coccidiosis	a1,a2,a3,	b1,b2,b3,b4	c1,c2,c3,c4,c5	d1,d2,d3,d4, d5
Cryptosporidiosis	a1,a2,a3,	b1,b2,b3,b4	c1,c2,c3,c4,c5	d1,d2,d3,d4, d5
Histomoniasis	a1,a2,a3,	b1,b2,b3,b4	c1,c2,c3,c4,c5	d1,d2,d3,d4, d5
Nematodes	a1,a2,a3,	b1,b2,b3,b4	c1,c2,c3,c4,c5	d1,d2,d3,d4, d5
Cestodes and Trematodes	a1,a2,a3,	b1,b2,b3,b4	c1,c2,c3,c4,c5	d1,d2,d3,d4, d5
Extoparasites	a1,a2,a3,	b1,b2,b3,b4	c1,c2,c3,c4,c5	d1,d2,d3,d4, d5
Vit. A deficiency	a1,a2,a3,	b1,b2,b3,b4	c1,c2,c3,c4,c5	d1,d2,d3,d4, d5
Vit. D. deficiency	a1,a2,a3,	b1,b2,b3,b4	c1,c2,c3,c4,c5	d1,d2,d3,d4, d5
Vit. E. deficiency	a1,a2,a3,	b1,b2,b3,b4	c1,c2,c3,c4,c5	d1,d2,d3,d4, d5
Vit. K. deficiency	a1,a2,a3,	b1,b2,b3,b4	c1,c2,c3,c4,c5	d1,d2,d3,d4, d5
Vit. B1 & B2. deficiency	a1,a2,a3,	b1,b2,b3,b4	c1,c2,c3,c4,c5	d1,d2,d3,d4, d5
Calcium and Phosphores	a1,a2,a3,	b1,b2,b3,b4	c1,c2,c3,c4,c5	d1,d2,d3,d4, d5

deficiency				
Skin Diseases of Rabbits	a1,a2,a3,	b1,b2,b3,b4	c1,c2,c3,c4,c5	d1,d2,d3,d4,d5
Diseases of Respiratory system of Rabbits	a1,a2,a3,	b1,b2,b3,b4	c1,c2,c3,c4,c5	d1,d2,d3,d4,d5
Diseases of Digestive system of Rabbits	a1,a2,a3,	b1,b2,b3,b4	c1,c2,c3,c4,c5	d1,d2,d3,d4,d5
Diseases of Urogenital system of Rabbits	a1,a2,a3,	b1,b2,b3,b4	c1,c2,c3,c4,c5	d1,d2,d3,d4,d5
Diseases of Eye of Rabbits	a1,a2,a3,	b1,b2,b3,b4	c1,c2,c3,c4,c5	d1,d2,d3,d4,d5

#### 4- Teaching, learning and assessment methods:

ILOs	Teaching and Learning methods							assessment method					
	L	P&M	D	P	Ps	Bs	Ft	semester	midterm	oral	practical	written	
General understanding	a1	X	X	X	0	0	X	0	X	X	X	0	X
	a2	X	X	X	0	0	X	0	X	X	X	0	X
	a3	X	X	X	0	0	X	0	X	X	X	0	X
Intellectual skills	b1	X	X	X	0	X	X	0	X	X	X	0	X
	b2	X	X	X	0	X	X	0	X	X	X	0	X
	b3	X	X	X	0	X	X	X	X	X	X	0	X
	b4	X	X	X	0	X	X	X	X	X	X	0	X
Professional and practical skills	c1	0	X	X	X	X	0	X	X	0	X	X	0
	c2	0	X	X	X	X	0	X	X	0	X	X	0
	c3	0	X	X	X	X	0	X	X	0	X	X	0
	c4	0	X	X	X	X	0	X	X	0	X	X	0
	c5	0	X	X	X	X	0	X	X	0	X	X	0
General skills	d1	X	X	0	0	X	X	0	X	0	X	0	X
	d2	0	0	0	X	0	0	X	X	0	X	X	0
	d3	0	0	X	0	0	0	X	X	0	X	0	0
	d4	0	0	0	X	X	0	X	X	0	X	X	X
	d5	0	0	0	X	0	0	X	X	0	X	0	0

L :Lecture, P&M: Presentations & Movies, D&S: Discussions & Seminars PT: Practical, Ps: Problem solving, Bs: Brain storming, Ft: field trip

#### 5- Assessment timing and grading:

Assessment method	timing	grade
Mid-term exam and semester work	6 <sup>th</sup> week	15
Practical exam	14 <sup>th</sup> week	20

oral exam	End of semester	15
Written exam	End of semester	50
total		100

## **6- List of references**

### **6.1- Course notes:**

Diseases of Poultry and Rabbit Diseases for 5<sup>th</sup> grade students **edited by staff members**

### **6.2- Essential books (text books)**

- J.L. Vegad (2016) Acolour Atlas of Poultry Diseases.
- J.L. Vegad (2014) Poultry Diseases
- Thomas M Donnelly(2014) Textbook Of Rabbit Medicine
- Y.M.Saif (2003) Diseases of poultry 11<sup>th</sup> Edition
- frank Jordan (2002) Poultry Diseases

### **6.3- Recommended books**

- Course note.
- J.L. Vegad (2016) Acolour Atlas of Poultry Diseases.
- frank Jordan (2002) Poultry Diseases
- Thomas M Donnelly(2014) Textbook of Rabbit Medicine

### **6.4- Periodicals, Web sites, . . . etc**

- Avian disease.
- Poultry science journal
- [www.OIE.int.org](http://www.OIE.int.org)
- [www.ekb.eg](http://www.ekb.eg)

## **7- Facilities required for teaching and learning**

- Teaching hall (data show, white board).
- Equipped laboratory of veterinary medical diagnosis.
- Samples of veterinary drug and vaccine.
- Central laboratory for poultry disease diagnosis
- Central laboratory for experimental laboratory animals
- Poultry farm
- Rabbit farm

**Course coordinator: Prof. Dr. IBRAHIM ELBORAY**

**Head of department Prof. Dr. IBRAHIM ELBORAY**

Signature ..... Date 1/10/2019