



Beni Suef University  
Faculty of Veterinary Medicine

## Course specification(2017-2018)

### 1-Basic information

<b>Course Code:</b>	S5-PRDS
<b>Course name :</b>	Poultry Diseases
<b>Academic year:</b>	5th Academic year
<b>Program title:</b>	B. Sc. Veterinary Medical sciences
<b>Contact hours/ week</b>	5 hours/week, (2 Lect./week, 3 Practical/week)
<b>Approval Date</b>	No.( ) - /9 /2017

### -Professional information

**Overall aims of course:**

**This course aims to:**

- 1- Distinguish the pathogenesis of different poultry and rabbit diseases.
- 2- Recognize the field and laboratory methods of diagnosis of viral, bacterial, mycotic, parasitic and nutritional disorders.
- 3- Emphasis the treatment, control and preventive programs and strategies required to solve poultry and rabbit disease problems.

### 3- Intended learning outcomes of course (ILOs)

**a- Knowledge and understanding:**

**By the end of this course the student should be able to:**

- a.1. Recall information about different scientific terms about poultry species and poultry diseases.
- a.2. Describe the different disease prevention and control measures that must be taken in poultry and rabbit farms.
- a.3. Recognize the different poultry and rabbit diseases prevalent in Egypt.
- a.4. Distinguish different diseases that may affect the poultry health or the economics of poultry industry.
- a.5. Design a sheet for poultry farm history.

**b-Intellectual skills**

**By the end of this course the student should be able to:**

- b.1. Recognize the pathogenesis, epidemiology and epizootiology of different diseases
- b.2. Differentiate between different diseases affecting both domesticated poultry and rabbit in the light of their clinical pictures.
- b.3. Organize the most common poultry disease and their relation to the environment.
- b.4. Interpret the results of laboratory examination of samples collected from diseased birds.
- b.5. Suggest the economic impact of different disease conditions of poultry industry.

**C- Professional and practical skills**

**By the end of this course the student should be able to:**

- c.1. Assesse and practice the essential bio-safety procedures necessary for poultry and rabbit farms hygiene.
- c.2. Apply diagnosis through clinical and post-mortem examination .



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- c.3. Collect samples from diseased cases.
- c.4. Apply laboratory diagnosis (isolation and identification of the pathogen) and serological tests.
- c.5. differentiate between the common poultry and rabbit diseases.
- c.6. Practice how to medicate and/or vaccinate poultry flocks.

### **d- General and transferable skills**

**By the end of studying the course, the student should be able to:**

- d.1. Work in a group and manage time.
- d.2. Exhibits the sense of beauty and neatness.
- d.3. Demonstrate written and oral communication with poultry specialists.
- d.4. Utilize efficiently library facilities and IT tools.

### 4-Topics and contents

Course	Topic	No. of hours	Lectures	Practical
<b>5th year – first term Poultry and Rabbit Diseases</b>	Bacterial diseases of poultry	16	10	6
	Mycotic diseases and mycotoxicosis in poultry	14	8	6
	Nutritional diseases of poultry	7	4	3
	Rabbit bacterial diseases	8	2	6
	Clinical and Postmortem examination	8	-	8
	Biosecurity & Medication in poultry	12	-	12
	Total	65		
<b>5th year – second term Poultry and Rabbit Diseases.</b>	Viral diseases of poultry	19	10	9
	Parasitic diseases of poultry	14	8	6
	Rabbit viral and parasitic diseases	9	6	3
	Miscellaneous diseases and vices of poultry	2	2	-
	Vaccines and vaccination schedules in poultry	9	-	9
	CRD, Enteric problems and problems of egg production	12		12
	Total	65		

### 5-Teaching and learning methods

- 5.1- Lectures (brain storm, discussion) using board, data shows
- 5.2- Self learning by preparing essays and presentations (computer researches and library)
- 5.3. Practical (models, samples of stained tissues and data show, field visits for poultry farms).



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### 7-Student assessment

#### 7.1. Assessments methods:

Method	Matrix alignment of the measured ILOs/ Assessments methods			
	K&U	I.S	P&P.S	G.S
written Exam	a1,a2,a3,a4,a5	b1,b2	c1,c2,,c3,c5	
Practical Exam			c1,c2,,c3,c4,c5,c6	
Oral Exam	a1,a2,a3,a4,a5	b1,b2,b3,b4,b5	c1,c2,,c3,c4,c5,c6	

#### 7.2. Assessment schedules

Method	Week(s)
Written exam	14th week
Practical exam	managed by administrations
Oral exam	managed by administrations
Student activities	----

#### 7.3. Weight of assessments

Assessment	Weight of assessment
Writing exam	50%
Practical exam	25%
Oral exam	25%
Student activities	--
total	100%

### 8- List of references

#### 8.1. Notes and books

Inpress

#### 8.2. Essential books:

- Diseases of Poultry 13<sup>th</sup> Edition (Library of the faculty- internet)
- Avian pathology (Library of the faculty- internet)

#### 8.3. Recommended texts

- Laboratory manual for isolation and identification of avian pathogens (Library of the faculty- internet)
- Diseases of the Domestic Fowl and turkey – C.J.RANDALL (Library of the faculty- internet)

#### 8.4. Journals, Websites .....etc

##### Journals:

- Avian diseases
- Avian pathology



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- British poultry science
- Veterinary Bulletin
- [www.poultryhelp.com](http://www.poultryhelp.com)
- [www.thepoultrysite.com](http://www.thepoultrysite.com)
- [www.canadianpoultry.com](http://www.canadianpoultry.com)
- [www.msstate.edu/dept/poultry](http://www.msstate.edu/dept/poultry)
- [www.aaap.net](http://www.aaap.net)
- [www.poultrydiseases.net](http://www.poultrydiseases.net)
- [www.feathersite.com](http://www.feathersite.com)
- [www.poultryconnection.com](http://www.poultryconnection.com)
- [www.cambridgeshire.gov.uk/business/trading/agriculture/poultrydisease.htm](http://www.cambridgeshire.gov.uk/business/trading/agriculture/poultrydisease.htm)
- [www.worldpoultry.com](http://www.worldpoultry.com)
- [www.sciencedirect.com](http://www.sciencedirect.com)

### **Course Coordinators**

Dr/AL Hussien Dahshan

### **Head of Department**

Prof. Dr/Azza AL Sawah