



University of Sadat City
Faculty of Veterinary Medicine
Dept. of Poultry and Rabbits Medicine
(2014-2015)



Wild and Migratory Birds Diseases (765P)

PHD COURSE SPECIFICATION

A. BASIC INFORMATION

University:	University of Sadat City
Faculty:	Veterinary Medicine
Program on which the course is given:	PhD in Veterinary Medical Sciences (Poultry and Rabbits Diseases)
Department offering the Course:	Poultry and Rabbits Medicine
Course code:	765 P
Course title:	Wild and Migratory Birds Diseases
Lecture (hr/week):	1
Practical (hr/week):	2
Course coordinator:	Dr. Alaa Gaballa

2- Professional information

1- Overall aims of course
*The candidates must know the Wild and Migratory birds diseases , diagnostic method, differential diagnosis as well as the method of prevention and control of these diseases..
2- Intended learning outcomes of course (ILOs)
<u>a-Knowledge and understanding</u>
a.1. Describe the wild and migratory birds diseases agents. a.2. Recognize the epidemiology wild and migratory birds diseases . a.3. Explain the characteristics clinicopathological lesion of wild and migratory birds diseases a.4. List the factors affecting severity and occurrence of wild and migratory birds diseases
<u>b-Intellectual skills</u>
By the end of this course the graduate should be able to :- b.1. Apply the proper approach for diagnosis and differential diagnosis of wild and migratory birds diseases. b.2. Analysis the reasons and sources of infection in wild and migratory birds diseases b.3. Critically evaluate information and data from a variety of sources. b.4. Correlate between signs and symptoms of some diseases with the presence of certain laboratory abnormal findings to make appropriate judgments.
<u>c-Professional and practical skills</u>
By the end of this course the graduate should be able to: c.1. Carry out clinical and postmortem examination and dosing, sampling, labeling and preservation of samples. c.2. Use appropriate basic laboratory equipment safely and efficiently. c.3. Integrate the laboratory results with clinical information for proper medical decision. c.4. Collect blood samples for serological tests.
<u>d-General and transferable skill</u>

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

- d.1.** Work effectively as part of a team.
- d.2.** Efficiently make use of library facilities.
- d.3.** Explore appropriate computer / keyboard skills including word.
- d.4.** Processing, spreadsheets, presentation packages and graph plotting.

3- Topics and contents

Topic	No. of hours		
	Lectures	Practical	Total
Newcastle diseases	2	-	2
Avian influenza	4	-	4
Adeno virus infection	4	-	4
Avian pox	4	-	4
Reo viral infection	4	-	4
Avian salmonellosis	4	-	4
E coli infection	4	-	4
Chlamydia infection	4	-	4
Avian tuberculosis	4	-	4
Parasitic infection	4	-	4
Mycotic infection	4	-	4
Nutritional disorders diseases	2	-	2
Clinical examination of wild and migratory diseases	-	20	20
Postmortem examination	-	40	40
Collection and preservation of samples	-	10	10
Serological tests and Fecal examination	-	18	18
Total	44	88	132

4- Teaching and learning methods

- 4.1. Lectures.
- 4.2. Practical.
- 4.3. Self-learning activities.

5-Student assessment

A. METHODS:

1- Written examination	For assessment of knowledge, back calling and Intellectual skills
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2- Practical examination	For assessment of practical and professional skill.
3- Oral examination	For assessment of knowledge and Intellectual skills
4- Student activities	For assessment of knowledge and general and transferable skills

B. MATRIX ALIGNMENT OF THE MEASURED ILOs/ ASSESSMENTS METHODS:

	K.U (a)	I.S (b)	P.P.S (c)	G.S (d)
Written exam	1,2,3,4	1,2,3,4		
Practical exam			1,2,3,4	
Oral exam	1,2,3,4	1,2,3,4		
Student activities				1-4

C. WEIGHT OF ASSESSMENTS:

Assessment	Allocated Mark	Evidence
Final written exam	50%	Marked and signed written paper
Practical exam	20%	Marked and signed practical exam paper
Oral exam	20%	Signed list of oral exam marks
Student assignments	10%	Representative samples of presented materials

6- List of references

<u>6.1. Essential books</u>
<p>1-Diseases of poultry 12th edition Edited by saif,Fadly and Glisson (Iowa state University press Ames, Iowa, USA) 2008</p> <p>2-Avian Medicine and Surgery Edited by Robert B.Altman (W.B.Saunders company)1997</p>
<u>6.2. Recommended texts</u>

1-Principle s of poultry Science

Edited by S.P.Rose (CAB International UK)2006

2-Poultry diseases sixth edition

Edited by frank Jordan 2008

6.3. Journals , Websitesetc

1- Poultry Science Journal

2- British poultry science Journal

3- Poultry Disease Journal

Web site

1-www.gov/migratory_birds/avian_health.html

2-www.usgs.gov/disease-information.html

3-nctc.fws.gov/resources/mig-birds/webinar.html

Course coordinator:

Dr.Alaa Abdelrazik Gaballa

Head of department:

Prof. Dr. Shaaban Gadallah

Matrix alignment of course topics and ILOs

Topic	No. of hours /week		Total hours	Hours for lect.	Hours for pract.	ILOs				T&L. methods				
	Lect.	Pract.				K&U (a)	I.S (b)	P.P.S (c)	G.T.S (d)	Lect.	Pract.	Self & active leaning	Audio visual	Case study
Newcastle diseases	2	-	2	2		1	1,2,3		1,2,3,4	+	-			
Avian influenza	4	-	4	4		2	2,3,4		1,2,3,4	+	-			
Adeno virus infection	4	-	4	4		3	1,2		1,2,3,4	+	-			
Avian pox	4	-	4	4		1,2,4	1,2,3		1,2,3,4	+	-			
Reo viral infection	4	-	4	4		4	1,3,4		1,2,3,4	+	-			
Avian sallmonellosis	4	-	4	4		3	2,3		1,2,3,4	+	-			
E coli infection	4	-	4	4		3	1,4		1,2,3,4	+	-			
Chlamydia infection	4	-	4	4		1,4	2,3		1,2,3,4	+	-			
Avian tuberculosis	4	-	4	4		1,4	3,4		1,2,3,4	+	-			
Parasitic	4	-	4	4		1,4	1,2,3		1,2,3,4	+	-			

infection														
Mycotic infection	4	-	4	4		1,4	3,4		1,2,3,4	+	-			
Nutritional disorders diseases	2	-	2	2		1,4	3,4		1,2,3,4	+	-			
Clinical examination of wild diseases	-	20	20		20		1,2,4	1	1,3	-	+			
Postmortem examination	-	40	40		40		2,4	2	1,3	-	+			
Collection and preservation of samples	-	10	10		10		2,3,4	2,3,4	1,3	-	+			
Serological tests and Fecal examination	-	18	18		18			2,3,4	1,3	-	+			
Total			132	44	88									