



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



# Prevention in Poultry Field

## (767M)

### MVSc COURSE SPECIFICATION

#### A. BASIC INFORMATION

<b>University:</b>	University of Sadat City
<b>Faculty:</b>	Veterinary Medicine
<b>Program on which the course is given:</b>	MVSc in Veterinary Medical Sciences (poultry and rabbits diseases )
<b>Department offering the Course:</b>	Poultry and Rabbits diseases
<b>Course code:</b>	767 M
<b>Course title:</b>	Prevention in Poultry Field
<b>Lecture (hr/week):</b>	2
<b>Practical (hr/week):</b>	2
<b>Course coordinator:</b>	Dr. Alaa Gaballa

## 2- Professional information

<b>1- Overall aims of course</b>
*Upon successful completion of the course, the student will be able to know the preventive measures of viral ,bacterial Mycotic, parasitic and nutritional deficiency diseases of poultry .
<b>2- Intended learning outcomes of course (ILOs)</b>
<b><u>a-Knowledge and understanding</u></b>
By the end of this course the graduate should be able to: <b>a.1.</b> Recognize the epidemiology of poultry and rabbits diseases. <b>a.2.</b> State the frequency and distribution of poultry disease and factors determine of such distribution. <b>a.3.</b> Explain the characteristics clinicopathological lesion of poultry diseases. <b>a.4.</b> Recognize the different methods for the prevention of poultry diseases. <b>a.5.</b> List factors affecting samples taking time.
<b><u>b-Intellectual skills</u></b>
By the end of this course the graduate should be able to :- <b>b.1.</b> Apply the proper approach for diagnosis and differential diagnosis. <b>b.2.</b> Design the biosecurity and vaccination programs to control the infection in the poultry and rabbits. <b>b.3.</b> Select the most suitable and economic way of treatment and prevention of poultry disease .
<b><u>c-Professional and practical skills</u></b>
By the end of this course the graduate should be able to: <b>c.1.</b> Carry out dosing, sampling, labeling and preservation of samples. <b>c.2.</b> Evaluate the requirements of drug dose to control of different diseases. <b>c.3.</b> Collect blood for routine tests and giving instructions on specimen transport and processing. <b>c.4.</b> . Perform all routine serological tests.
<b><u>d-General and transferable skill</u></b>
By the end of studying the course, the student should be able to <b>d.1.</b> 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
The prevention of Respiratory viral diseases	8	-	4
The prevention of Immunosuppressive viral diseases	8	-	4
The prevention of Tumor viral diseases	8	-	4
The prevention of Nervous viral disease and pox virus infection	8	-	8
The prevention of Duck viral diseases	8	-	8
The prevention of bacterial diseases	8	-	8
The prevention of parasitic diseases	8	-	4
The prevention of Mycotic diseases	8	-	8
The prevention of rabbits viral diseases	4	-	4
The prevention of rabbits bacterial diseases	8	-	8
The prevention of rabbits parasitic diseases	4	-	4
The prevention of nutritional disorders diseases	8	-	4
Medication	-	10	10
Vaccination	-	12	12
Sources of infection and protective measures	-	12	12
Sanitary environment	-	12	12
Serological tests for poultry diseases	-	20	20
Hatchery management	-	12	12
<b>Total</b>	<b>88</b>	<b>88</b>	<b>176</b>

### 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. MATRIXALIGNMENT OF THE MEASURED ILOs/ ASSESSMENTS METHODS:**

	<b>K.U (a)</b>	<b>I.S (b)</b>	<b>P.P.S (c)</b>	<b>G.S (d)</b>
Written exam	1,2,3,4,5	1,2,3		
Practical exam			1,2,3,4	
Oral exam	1,2,3,4,5	1,2,3		
Student activities				1-4

**C. WEIGHT OF ASSESSMENTS:**

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

**6- List of references**

1-Diseases of poultry 12<sup>th</sup> edition

Edited by saif,Fadly and Glisson (Iowa state University press Ames, Iowa, USA) 2008

2-Avian Medicine and Surgery

Edited by Robert B.Altman (W.B.Saunders company )1997

## 6.2. Recommended texts

1-Principles 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 , Websites .....etc

1- Poultry Science Journal

2- British poultry science Journal

2- Poultry Disease Journal

Web sites

#[www.afowlshome.com/diseases/disease6.html](http://www.afowlshome.com/diseases/disease6.html)

#[www.indiastudychannel.com/resources/124663-Poultry-Diseases](http://www.indiastudychannel.com/resources/124663-Poultry-Diseases)

**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
The prevention of Respiratory viral diseases	8	-	8	8		1,2,3,4,5	1,2		1,2,3,4	+	-			
The prevention of Immunosuppressive viral diseases	8	-	8	8		2,3,4,5	1,2		1,2,3,4	+	-			
The prevention of Tumor viral diseases	8	-	8	8		2,3,5	1,3		1,2,3,4	+	-			
The prevention of Nervous viral disease and pox virus infection	8	-	8	8		1,2,4,5	1,3		1,2,3,4	+	-			
The prevention of Duck viral diseases	8	-	8	8		2,3,4,5	1,2		1,2,3,4	+	-			
The prevention of bacterial diseases	8	-	8	8		3,4,5	2,3		1,2,3,4	+	-			
The prevention of parasitic diseases	8	-	8	8		2,3,5	3		1,2,3,4	+	-			
The prevention of	8	-	8	8		1,4,5	3		1,2,3,4	+	-			

Mycotic diseases														
The prevention of rabbits viral diseases	4	-	4	4		1,4,5	3		1,2,3,4	+	-			
The prevention of rabbits bacterial diseases	8	-	8	8		2,4,5	2,3		1,2,3,4	+	-			
The prevention of rabbits parasitic diseases	4	-	4	4		3,4,5	1,3		1,2,3,4	+	-			
The prevention of nutritional disorders diseases	8	-	8	8		2,3,5	1,3		1,2,3,4	+	-			
Medication	-	10	10		10			1	1,3	-	+			
Vaccination	-	12	12		12			1	2	1,3	-	+		
Sources of infection and protective measures	-	12	12		12			1		1,3	-	+		
Sanitary environment	-	12	12		12			2	2,3	1,3	-	+		
Serological tests for poultry diseases	-	20	20		20			4	2	1,3	-	+		
Hatchery management	-	12	12		12			2,3	3,4	1,3	-	+		
Total			176	88	88									