



COURSE SPECIFICATION

(2016 / 2017)

1- Basic Information:

Code number.....

Course title: **Zoonoses (A &B)**

Academic Year: Fifth year *of B. V. Sc. Program*

Total teaching hours: 90 hrs

- Lectures: **60 hrs**

- Practical/small group sessions: **30 hrs**

2- OVERALL AIMS OF THE COURSE:

- To provide basic and detailed knowledge on principles of zoonoses.
- To demonstrate knowledge of the epidemiology of zoonotic disease.
- To implement the basic principles for diagnosis of zoonotic diseases.
- To implement the basic principles for prevention and control of zoonotic diseases.

3- INTENDED LEARNING OUTCOMES (I. L. Os.):

3-A: KNOWLEDGE and UNDERSTANDING:

By the end of the course, students should be able to:

A1- define some technical terms as an introduction to Zoonoses.

A2- summarize the etiology, mode of transmission, public health importance and control of bacterial zoonotic diseases.

A3- recognize the etiology, mode of transmission, public health importance and control of of mycotic zoonotic diseases

A4- illustrating the etiology, mode of transmission, public health importance and control of of Chlamydial and Rickettsial zoonotic diseases

A5- describe the etiology, mode of transmission, public health importance and control of of parasitic zoonotic diseases.

A6- identify the etiology, mode of transmission, public health importance and control of of viral zoonotic diseases.

3-B: INTELLECTUAL SKILLS:

By the end of the course, students should be able to:

B1- Use principles and concepts of zoonoses in solving zoonotic problems in man and animals.

B2- create strategy for prevention and control of zoonotic diseases.

B3- develop the appropriate method for diagnosis of zoonotic diseases.

3- C: PRACTICAL AND PROFESSIONAL SKILLS:

By the end of the course, students should be able to:

C1- distinguish and solve zoonotic problems in man and animals.

C2- differentiate and diagnose the zoonotic diseases.

C3- apply proper surveillance programs for zoonotic diseases.

3- D: GENERAL SKILLS:

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

D1- Work in team.

D2- Demonstrate the ability to perform and analyze data, and to write a research report.

D3- Communicate effectively (in writing, verbally and IT).

D4- Use IT to prepare, process, present and transmit information.

4- COURSE CONTENTS:

4.A:- First semester topics: (zoonoses A):

TOPIC	Total hours (Semester)	Hours for lecture	Hours for practical
Introduction to zoonotic diseases	4	3	1
Bacterial zoonotic diseases	22	15	7
Mycotic zoonotic diseases	13	8	5
Chlamydioses and Rickettsial diseases	6	4	2
Total	45	30	15

4.B:- Second semester topics: (Zoonoses B):

TOPIC	Total hours (Semester)	Hours for lecture	Hours for practical
Parasitic zoonotic diseases	22	15	7
Viral zoonotic diseases	23	15	8
Total	45	30	15

5- TEACHING & LEARNING METHODS:

*Lectures

- Using data show to display slides, photos and videos, white board

*Practical and small group sessions:

- 1: Practical training.
- (Practical demonstrations, practice of skills, and discussions)

* Self learning

- **Computer researches and faculty library visits to prepare essays and presentations.**
 - Library researches.
 - Internet researches.
 - Discussion in the researches.
 - Preparation of posters
 - Preparation of scientific reports.

* Audiovisual

- Video show.

6. METHODS FOR STUDENTS With limited capabilities:-

- **No disabled students until now, but if present the methods are:-**
 - Activation of office hours.
 - Discussion with them during practical session.

7. STUDENT ASSESSMENT:

<u>7.a Used methods</u>	Written examination	Oral examination	Practical examination	Activities
<u>7.b time</u>	At the end of each term	at the end of each term	At the end of each term	At the mid of each term
<u>7.c grads</u>	50	20	20	10



8. LEARNING AND REFERENCE MATERIALS:

8-1: BASIC MATERIALS:

- **Text books:** available for students in the faculty library.
- International journals
- Overhead and slide projectors and data show presentations used during teaching.

8-2: Recmonded books:

- Zoonoses and communicable diseases common to man and animals. Pan American Health Organization, 2001.
- Waterborne zoonoses: identification, causes, and control. Cotruvo, J (2004).
- Zoonoses: biology, clinical practice, and public health control. Palmer et al., 1998.

8-3: SUGGESTED books:

-
-
-
-

8.4: web sites and jouranlsand so on

- www.pubmed.com
- www.oie.int
- www.who.int
- www.cdc.gov
- Transboundary and emerging diseases (Journal)
- Zoonoses and Public health (Journal)
- Vector Borne and Zoonotic Diseases (Journal)



Course content ILOS matrix

TOPIC	K.U (a)	I.S (b)	P.P.S (c)	G.T.S (d)
1st Semester				
Introduction to zoonotic diseases	A1	-	-	D3-D4
Bacterial zoonotic diseases	A2	B1-B2-B3	C1-C2	D1-D2-D3-D4
Mycotic zoonotic diseases	A3	B1- B2-B3	C1-C2	D1-D2-D3-D4
Chlamydia and Rickettsial diseases	A4	B1-B2- B3	C1-C2	D1-D2-D3-D4
2nd Semester				
Parasitic zoonotic diseases	A5	B1-B2-B3	C1-C2-C3	D1-D2-D3-D4
Viral zoonotic diseases	A6	B1-B2-B3	C1-C2-C3	D1-D2-D3-D4

Intended learning out comes Evaluation

Methods	I.L.O.S Evaluation				Marks allocated
	Knowledge	Intellectual	Practical	general	
Written examination	A1.A2.A3.A4-A5-A6	B1-B2-B3			50
Oral examination	A1.A2.A3.A4-A5-A6	B1.B2		D3	20
Practical examination		B3	C1.C2.C3.		20
Activities	A1& A4			D1.D2.D3.D4	10

Course Coordinator

Head of Department

Dr. Waleed Moneer

Prof Dr. Sami El Midany