

## Specification for zoonotic diseases course 2019/2020

### A-Affiliation

1.	Relevant program	Bachelor of Veterinary Medical Science (BVMSc)
2.	Department offering the course	Zoonoses

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.	Course title	Zoonotic diseases
2.	Course code	506 (A) I
3.	Level	5 <sup>th</sup> year
4.	Semester	First semester
5.	Total hours	4
6.	Lecture hours	2
7.	Practical hours	2

### C-Professional Information

#### 1- Course learning objectives

The course provide the students with the basics of general zoonosis including terms used in zoonosis and dealing with zoonoses in addition to understanding Special zoonosis (Bacterioses & Rickettsioses).

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

##### a- Knowledge and understanding

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

- a1- Describe the basic knowledge about general zoonosis.
- a2- Identify the cause and the mode of transmission zoonotic bacteriosis.
- a3- list the methods of prevention and control of zoonotic bacteriosis.
- a4- Identify the cause , mode of transmission and prevention and control of zoonotic Rickettsioses & chlamydioses

##### b- Intellectual skills

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

- b1- Analyze the methods to prevent, control and eradicate zoonotic diseases.
- b2- Correlate between the zoonotic diseases in animals & man.
- b3- Suggest treatment of zoonotic diseases in animals & man

### c- Professional and practical skills

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

- c1- Provide more recent advanced and specialized disinfectant & sterilize materials & equipments.
- c2- Apply appropriate safety procedure to protect themselves and attendant from zoonotic diseases.
- c3- Decontaminate diagnostic materials.
- c4- Diagnose procedures & transparencies of modes of transmission of zoonotic diseases.
- c5- Demonstrate some vaccines & toxoid.
- c6- Implement several strategies for control zoonotic diseases

### d- General and transferable skills

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

- d1- communication skill
- d2- working in team skill
- d3- searching and presentation skills

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

Course ILOS	Program ILOS
A <b>Knowledge and understanding</b>	a <sup>1,3</sup>
B <b>Intellectual skills</b>	b <sup>7</sup>
C <b>Professional and practical skills</b>	c <sup>11</sup>
D <b>General and transferable skills</b>	d <sup>1,2,3,6</sup>

#### 3.1- Course contents:

Topic	Lecture hours	Practical hours
Definitions & classification of zoonoses & terms of zoonoses	4	4
Immunity & prevention, control & eradication	4	18
Bacteriosis	16	-
Rickettsiose & Chlamydioses	6	8
<b>Total hours</b>	<b>30</b>	<b>30</b>

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
Definitions &	a1, a2, a3	b1	c1, c2, c3	d1,d2

classification of zoonoses & terms of zoonoses				
Immunity & prevention, control & eradication	a1,a2, a3	b1, b2, b3	c1, c2, c3,c4,c5,c6	d1, d3
Bacteriosis	a4	b1, b2,b3	c1, c2, c3,c4,c5,c6	d2,d3
Rickettsiose & Chlamydioses	a4	b1, b2, b3	c1, c2, c3,c4, c6	d1,d2,d3

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

ILOs	Teaching and Learning methods							assessment method					
	L	P&M	D	P	Ps	Bs	poster	semester	midterm	oral	practical	written	
and understanding	a1	X	X	X			X	X	X	X	X	0	X
	a2	X	X	X			X		X	X	X	0	X
	a3	X	X	X			X		X	X	X	0	X
	a4	X	X	X			X	X	X	X	X	0	X
Immunological skills	b1	X	X	X		X	X	X	X	X	X	0	X
	b2	X	X	X		X	X	X	X	X	X	0	X
	b3	X	X	X		X	X	X	X	X	X	0	X
Practical and oral	c1	0	X	X	X	X	0	0	X	0	X	X	0
	c2	0	X	X	X	X	0	0	X	0	X	X	0
	c3	0	X	X	X	X	0	0	X	0	X	X	0
	c4	0	X	X	X	X	0	0	X	0	X	X	0
	c5	0	X	X	X	X	0	0	X	0	X	X	0
	c6	0	X	X	X	X	0	0	X	0	X	X	0
General skills	d1	X		X			0	0	X	0	X	0	0
	d2	0	0	0	X		X	X	X	0	X	0	0
	d3	0	X	X	0	0	0	0	X	0	X	0	X

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

#### 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:

Zoonotic diseases transmitted from animals to man edited by staff members

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

- Rolf Bauerfeind (2016) Zoonoses.
- Suman Kumari Joshi (2015) A text Book On Zoonotic Diseases.
- S.R.Palmer (2015) Oxford Textbook Of Zoonoses
- Scott Weese, Martha B. Fulford (2011) Companion animal zoonoses

#### 6.3- Recommended books

- Course notes
- Rolf Bauerfeind (2016) Zoonoses.
- S.R.Palmer (2015) Oxford Textbook Of Zoonoses.

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

- American Veterinary Medical Association (AVMA).
- British Medical Association (BMA)
- Office International des Epizooties (OIE)
- World health organization (WHO).
- [www.ekb.eg](http://www.ekb.eg)

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

- Teaching hall (data show-white board).
- Zoonosis laboratory.
- Posters and procures.
- Central laboratory

**Course coordinator: Prof Dr. LOBNA M.A.SALEM**

**Head of department Prof Dr. LOBNA M.A.SALEM**

**Signature .....**

**Date 1/10/2019**



كلية التربية - بني سويف



الهيئة القومية لضمان  
جودة التعليم والاعتماد



جامعة بني سويف

