

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	514 (B) II
3.	Level	5 th year
4.	Semester	Second semester
5.	Total hours	4
6.	Lecture hours	2
7.	Practical hours	2

C-Professional Information

1- Course learning objectives

The course provides the students with the basics of special Zoonoses (Parasitosis, Viruses & Mycoses, Occupational Zoonoses, Role of animals in transmission & zoonothroposes).

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- Mention the basic knowledge about special zoonosis.
- a2- Identify the cause and the mode of transmission zoonotic Parasitosis, Viruses, Mycoses & Zoonothroposes.
- a3- Describe the prevention and control of zoonotic Parasitosis, Viruses, Mycoses & Zoonothroposes.
- a4- Identify the cause, mode of transmission and prevention and control of zoonotic Parasitosis, Viruses, Mycoses & Zoonothroposes

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 Knowledge and understanding	a ^{1,3}
B Intellectual skills	b ⁷
C Professional and practical skills	c ¹¹
D General and transferable skills	d ^{1,2,3,6}

3.1- Course contents:

Topic	Lecture hours	Practical hours
Protozooses	4	6
Helminthiases	6	4
Cestodiasis	4	4
Nematodiasis	4	4
Arthropods	4	4
Viruses	4	4
Mycoses	4	4
Total	30	30

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
Protozooses	a1, a2, a3	b1	c1, c2, c3	d1,d2
Helminthiases	a1,a2, a3	b1, b2, b3	c1, c2, c3,c4,c5,c6	d1, d3
Cestodiasis	a1,a2, a3	b1, b2, b3	c1, c2, c3,c4,c5,c6	d1, d3
Nematodiasis	a1,a2, a3	b1, b2, b3	c1, c2, c3,c4,c5,c6	d1, d3
Arthropods	a1,a2, a3	b1, b2, b3	c1, c2, c3,c4,c5,c6	d1, d3
Viruses	a1,a2, a3	b1, b2, b3	c1, c2, c3,c4,c5,c6	d1, d3
Mycoses	a1,a2, a3	b1, b2, b3	c1, c2, c3,c4,c5,c6	d1, 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
Intellectual 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
Professional and practical skills	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
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Mid-term exam and semester work	6 th week	15
Practical exam	14 th 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

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