

Specification for Systemic and tumor Pathology course 2019/2020

A-Affiliation

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

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	Systemic and tumor Pathology
2.	Course code	314 (B) II
3.	Level	3rd 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 aim of the course is to provide the students with a basic education about the systemic pathology which is concerned with the basic alterations in the tissues of different body systems as a result of diseases. and enable the students to gain the skills for histopathological diagnosis of neoplasm.

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- Identify and describe different types of neoplasm
- a2- Define and identify pathological forms associated with different systems in the body
- a3- Mention the causes and pathogenesis of common lesions in different body organs.
- a4- Describe the postmortem and microscopic lesions.
- a5- List the significance and fate of different lesions

b- Intellectual skills

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

- b1- Distinguish between various neoplasms.
- b2- Differentiate between various lesions in different body systems
- b3- Link between the cause and pathological lesion in different body systems.
- b4- Interpret the most important pathological changes in cells and tissues in

different body systems

b5-Correlate between macroscopic and microscopic lesion of different body systems

c- Professional and practical skills

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

c1- Collect and prepare the tissue specimens for histopathological examination in different body systems.

c2- Apply routine and special staining techniques of tissue sections in different body systems

c3- examine macroscopic and microscopic changes in different body systems

c4-write a report about pathological lesions in different body systems

d- General and transferable skills

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

d1- Searching skill.

d2- Team working skill

d3-Presentation skill

d4- Report writing skill

3- Course contribution in the program ILOs:

Course ILOS	Program ILOS
A Knowledge and understanding	a ⁷
B Intellectual skills	b ¹⁵
C Professional and practical skills	c ⁴
D General and transferable skills	d ^{1,6}

3.1- Course contents:

Topic	Lecture hours	Practical hours
Pathology of neoplasm	6	8
Pathology of digestive system	4	4
Pathology of respiratory system	4	2
Pathology of cardiovascular system	2	2
Pathology of urinary system	4	4
Pathology of male genital system	2	2
Pathology of female genital system	2	2
Pathology of nervous system	2	2
Pathology of haemopoietic system	2	2
Pathology of Skin	2	2
Total hours	30	30

The midterm and practical exams are included during the semester

3.2- ILOs matrix:

Topic	A)	B)	C)	D)

	Knowledge and understanding	Intellectual skills	Professional and practical skills	General and transferable skills
neoplasm	a1	b1	c1, c2, c3, c4	d1, d2, d3, d4
Pathology of digestive system	a2, a3, a4,a5	b2,b3,b4,b5	c1, c2, c3, c4	d1, d2, d3, d4
Pathology of respiratory system	a2, a3, a4,a5	b2,b3,b4,b5	c1, c2, c3, c4	d1, d2, d3, d4
Pathology of cardiovascular system	a2, a3, a4,a5	b2,b3,b4,b5	c1, c2, c3, c4	d1, d2, d3, d4
Pathology of urinary system	a2, a3, a4,a5	b2,b3,b4,b5	c1, c2, c3, c4	d1, d2, d3, d4
Pathology of male genital system	a2, a3, a4,a5	b2,b3,b4,b5	c1, c2, c3, c4	d1, d2, d3, d4
Pathology of female genital system	a2, a3, a4,a5	b2,b3,b4,b5	c1, c2, c3, c4	d1, d2, d3, d4
Pathology of nervous system	a2, a3, a4,a5	b2,b3,b4,b5	c1, c2, c3, c4	d1, d2, d3, d4
Pathology of haemopoietic system	a2, a3, a4,a5	b2,b3,b4,b5	c1, c2, c3, c4	d1, d2, d3, d4
Pathology of Skin	a2, a3, a4,a5	b2,b3,b4,b5	c1, c2, c3, c4	d1, d2, d3, d4

4- Teaching, learning and assessment methods:

ILOs	Teaching and Learning methods						assessment method				
	L	P&M	D	P	Ps	Bs	semester	midterm	oral	practical	written
Knowledge and understanding	a1	x	x	x	0	0	x	x	x	0	x
	a2	x	x	x	0	0	x	x	x	0	x
	a3	x	x	x	0	0	x	x	x	0	x
	a4	x	x	x	0	0	x	x	x	0	x
	a5	x	x	x	0	0	x	x	x	0	x
Intellectual skills	b1	x	x	x	0	x	x	x	x	0	x
	b2	x	x	x	0	x	x	x	x	0	x
	b3	x	x	x	0	x	x	x	x	0	x
	b4	x	x	x	0	x	x	x	x	0	x
	b5	x	x	x	0	x	x	x	x	0	x
al and practical	c1	0	x	x	x	0	x	0	x	x	0
	c2	0	x	x	x	0	x	0	x	x	0
	c3	0	x	x	x	0	x	0	x	x	0
	c4	0	x	x	x	0	x	0	x	x	0
General skills	d1	x	0	x		x	x	0	x	0	x
	d2	0	0	0	x	0		x	0	x	0
	d3	0	x	0	0	0	0	x	0	x	0

