



Course specification

1-Basic information

Course Code:	PAR:3129
Course title :	Parasitology
Program title:	B. Sc. Veterinary Medical Sciences
Contact hours/ week	5 hours/week, (2 Lectures/week, 3 Practical/week)
Approval Date	

2-Professional information

Overall aims of course:

- 1-1- Identify trematodes, cestodes and nematodes infecting mammals and birds.
- 2- Describe trematodes, cestodes and nematodes of veterinary medical importance.
- 3- Explain life cycle of trematodes, cestodes and nematodes of veterinary medical importance

3- Intended learning outcomes of course (ILOs)

a- Knowledge and understanding:

By the end of this course the student should be able to:

- a.1. Recognize different helminths including trematodes, cestodes and nematodes and their life cycle.
- a.2. Describe different trematodes, cestodes and nematodes of veterinary importance.

b-Intellectual skills

By the end of this course the student should be able to:

- b.1. Compare between different species of helminths including trematodes, cestodes and nematodes of veterinary importance .
- b2- Understand pathogenesis of various helminths including trematodes, cestodes and nematodes of veterinary medical importance.

C- Professional and practical skills

By the end of this course the student should be able to:

- c.1. Write reports about different helminths including trematodes, cestodes and nematodes of veterinary importance
- c. 2. - Mange the mode of infection and diagnostic stages of helminths including trematodes, cestodes and nematodes of veterinary importance.

d- General and transferable skills

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

- d.1 Work in a group and manage time.
- d.2 use computer and internet .



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4-Topics and contents

Course	Topic	No. of hours	Lectures	Practical
(Lec. h./week, Pract h./week)	Introduction to Helminthology	5	2	3
	Class: Trematoda (morphology and life cycle)	20	8	12
	Class: Cestoda (morphology, and life cycle)	20	8	12
	Class: Nematoda (morphology and life cycle)	20	8	12
	Total	65	26	39

5-Teaching and learning methods

- 5.1- Lectures (brain storm, discussion) using board, data shows
- 5.2- Self learning by preparing essays and presentations (computer researches and library)
- 5.3- Practical (models, samples of stained tissues and data show).

7-Student assessment

7.1. Assessments methods:

Method	Matrix alignment of the measured ILOs/ Assessments methods			
	K&U	I.S	P&P.S	G.S
Written Exam	a1, a2	b1,b2	-	-
Practical Exam	a2	b2	c1, c2	d 1, d2
Oral Exam	a1, a2	b1,b2	c1, c2	d 1 ,d2

7.2. Assessment schedules

Method	Week(s)
Written exam	During 15 -18 th Week
Practical exam	14 th Week
Oral exam	During 15 -18 th Week
Student activities	Along the semester

7.3. Weight of assessments



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Course specification

Assessment	Weight of assessment
Writing exam	50%
Practical exam	20%
Oral exam	20%
Student activities	10%
total	100%

8- List of references

8.1. Notes and books

Departmental notes on:

-Veterinary Parasitology volume I Helminthology, Prof. Dr. Mahmoud Amin El-Askalany.
2008/16252- I.S.B.N: 977-17-6030-0

8.2. Essential books:

Helminths & Arthropods and Protozoa of domesticated animals, 3rd Edition (Soulsbay 1986)

-Foundation of Parasitology, Gerald D. Schmidt, Larry S. Roberts, 3rd Edition.

8.3. Recommended texts

Georgis Parasitology for veterinarians , 9th edition, D Wight, D. Bowman 2009

8.4. Journals, Websitesetc

Journals:

Parasitology Research.

Egyptian Veterinary Medical Society of Parasitology Journal.

Websites:

<http://www.journals.elsevier.com/veterinary-parasitology/>

WWW.Science direct

WWW. Pubmed.com

WWW.Scholar google.com

WWW.welly interscience

Course Coordinators

Head of Department



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	Topics	week	Intended learning outcomes of course (ILOs)			
			K and U (a)	I.S (b)	P. P.S. (c)	G.T.S (d)
1	Introduction to Helminthology	1	a1	-	-	-
2	Class: Trematoda	2,3,4,5	a1, a2	b1, b2	c1, c2	d1,d2
3	Class: Cestoda	6,7,8,9	a1, a2	b1, b2	c1, c2	d1,d2
4	Class: Nematoda	10,11,12,13	a1, a2	b1, b2	c1, c2	d1,d2



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