

A- Basic Information

Title: Acarology

Code: E 6521

Credit Hours: 2 hrs

Lecture: 1

Tutorial: 0

Practical:

Total: 2

B- Professional Information

1- Overall Aims of the Course: By the end of this course, the student should be able to

* Identify general acarology and species of ticks and mites.. * understand its characters and behaviour. * Identify parasitic forms * Identify role of it in diseases transmissions. * understand methods of control. * Understand its economic importance.

2- Intended Learning Outcomes of Course (ILOs):

a. Knowledge and Understanding: the student should be able to

a1. Understand the characters of ticks and mites.

a2. understand methods of control

b- Intellectual Skills: the student should be able to

b1. Identify different species

b2. Identify its role in diseases transmissions.

c- Professional and Practical Skills: the student should be able to

c1. How used method in control

d. General and transferable Skills

d1. Used computer

d2. Work in a team

3- Contents

Topic	No. of Hours	Lecture	Tutorial / Practical
Class arachnida and its orders	2	1	2
Suborder Mesostigmata and its family	2	1	2
Suborder Trombidiformes and its family	2	1	2
Suborder Ixodoidea and its	2	1	2

family			
Keys to genera of Ixodoidea and Ixodidae	2	1	2
Key to species of Ixodoidea	2	1	2
Ticks and mites as parasites	2	1	2
Acariformes	2	1	2
Control of ticks and mites	2	1	2

4- Teaching and Learning methods

* Oral and writer

*Poster presentation

*Lab top presentation

*Video presentation

*Projector presentation

5- Student assessment methods

* Tables and models

*Med term exam. To assess success

* Oral exam. Per week

*Report per week

* Final term exam. to assess

Weighting of assessments

Mid-term examination 20

Final-term examination 40

Oral examination 20

Semester work 20

Other type of assessment 0

Total 100%

6- List of references

Ross,HerbertHoldsworth (1962) : A synthesis of evolutionary theory

Ross,HerbertHoldsworth(1956): A text book of entomology

L.K.jha ;P.K. sen- Samara(2008): Forest entomology

G.Z.Ritcherd (2001): basic entomology

Imms,A.D (1957): A general textbook of entomology :Including the anatomy, physiology,development and classification of insects

7- Facilities required for teaching and learning

*Journey and visits of different ecological natures. * Dark room for presentation

* lab. Top. *- Computer *-LCD projector * Video *
Internet

Course coordinator:Prof. Mohamed Elsayed Khalil

Head of Department: Prof. Saber Sakr