

Theoretical and practical course plan form - Ilam University of Medical Sciences

Introduction of Leishmaniasis course (practical) second semester 2020-2021

School: Health Department: Carrier Biology

\* Course Name and Number: Leishmaniasis (Code 33)

\* Field and degree: Continuing bachelor's degree in carrier biology and their control

\* Day and time: Tuesday 12 – 10

\* Venue: Laboratory

\* Name of the person in charge of the course (instructor): Assadollah Jalali

\* Prerequisite courses: Generalities of medical entomology and generalities of leishmaniasis

\* Office address: Second floor of the School of Health

\* Email address: [g\\_jalali\\_a@yahoo.com](mailto:g_jalali_a@yahoo.com)

**General Objective of the lesson:** Familiarity with different forms of leishmaniasis and epidemiology and its control

• **Behavioral goals** (behavioral goals have an audience, behavioral verb, degree and criteria and conditions of performance)

1- Ability to detect leishmaniasis parasites in suspected slides

2- Ability to catch, collect and maintain sandflies

3- The ability to determine the identity of different types of sandflies according to sex

• **Student duties** (student homework during the semester): study the lessons of the previous sessions

• **Main sources** (observing the principles of source writing and giving an address for their preparation, including library, bookstore, internet ...)

1- The book Leishmaniasis written by a group of relevant professors

2. Recognition keys

• **Teaching methods and teaching aids used:** lecture and slide show and drawing (whiteboard and video projector) and practical work with samples of insects and collecting equipment and loop and microscope

• **Methods and time of assessment and evaluation of the student and the burden related to each evaluation** :( The type of exams in terms of how to design a question - loading - time of exams and assignments should be mentioned)

Method	Score	Date	Time
Practical: Identify samples	10		11
Report and submit	10		

figures			
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**Leishmaniasis course presentation schedule (practical) second semester2020-2021**

Session	Time	Topic	Lecturer	Necessary preparation of students before the start of the class
1	10-13	Familiarity with microscopes and loops	jelali	Study of theoretical courses,
2		Familiarity with the organs and components of sandflies		View and photograph under a microscope and draw a shape
3		Distinguish sandflies from other mosquitoes of the same size and male and female		=====
4		Familiarity with the keys to detect sandflies		=====
5		Detection of sandflies in the genus and subspecies from the detection keys		review the detection key
6		Familiarity with the methods of catching sandflies And fishing with sticky traps		review fishing methods
7		Familiarity with the methods of assembling sandflies		"Assembly method "
8		Practice mounting and detecting sandflies		=====
9				Overview
		* Meetings in two groups with double time		-----
		End of semester exam		Provide drawn shapes and print photos