

Course Description Form

1. Course Name: Pharmacology

2. Course Code: VEP3121

3. Semester / Year: Second semester / 2023 – 2024 / Third year

4. Description Preparation Date: 20 / 2 /2024

5. Available Attendance Forms:

6. Number of Credit Hours (Total) / Number of Units (Total)

75hour/ 4 units

7. Course administrator's name (mention all, if more than one name)

Name: Prof. Dr. Kasim Sakran Abass
Asst . Lec. Damat .F. Saber

8. Course Objectives

Course Objectives

1. Providing students with the basic concepts and experience necessary to different pharmacological function.
2. The study of mechanism of drug , which is one of the basics of veterinary pharmacology, as it aims to study the side effect of drug.
3. study of methods of giving treatment.

9. Teaching and Learning Strategies

- 1- Methods of diction: a teacher who listens to the learners while they sit in front of him, and they listen to him, and he must have the ability to indoctrinate and absorb information.
- 2- Conversational methods: the teacher must possess a high scientific ability and the attendees have information on the topic of the discussion and dialogue.
- 3- The discovery method: the teacher observes the activities of the learners conducting the

experiments individually or collectively.

4- Active methods: the learner performs individual or group activities and the teacher takes the learner's hand towards learning in practical life inside and outside the walls of the educational institution and to come into contact with the vocabulary of practical life, which gives meaning to real learning.

5- Giving lectures using modern methods of presentation of power point topics and scientific films.

10. Course Structure

Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
1	5		Antibacterial drugs	Theoretical (3 hours) practical(2 hours)	Daily exam
2	5		Antifungal drugs	Theoretical (3 hours) practical(2 hours)	Daily exam
3	5		Antiviral drugs	Theoretical (3 hours) practical(2 hours)	Daily exam
4	5		Antineoplastic drugs	Theoretical (3 hours) practical(2 hours)	Daily exam
5	5		Antinematodal, Anticestodal and Antiprotozoan	Theoretical (3 hours) practical(2 hours)	Daily exam
6	5		Dermatopharmacology, Ectoparasiticides	Theoretical (3 hours) practical(2 hours)	Extra-curricular activities
7	5		Antiseptics and Disinfectants	Theoretical (3 hours) practical(2 hours)	Daily exam
8	5		Mid-term exam	Theoretical (3 hours) practical(2 hours)	Daily exam
9	5		Endocrine pharmacology	Theoretical (3 hours) practical(2 hours)	Daily exam
10	5		Autocoids and anti-inflammatory	Theoretical (3 hours) practical(2 hours)	Daily exam
11	5		Metabolic therapy	Theoretical (3 hours) practical(2 hours)	Daily exam
12	5		Growth promoter	Theoretical (3 hours) practical(2 hours)	Extra-curricular activities
13	5		Sensitivity test of antibiotics	Theoretical (3 hours) practical(2 hours)	Daily exam
14	5		Herbal medicine	Theoretical (3 hours) practical(2 hours)	Daily exam
15	5		Review and seminars	Theoretical (3 hours) practical(2 hours)	Extra-curricular activities

1. Course Evaluation

distributing the score out of 100 according to the tasks assigned to the student such as daily preparation, daily oral, monthly, or written exams, reports etc .

12.Learning and Teaching Resources

Required textbooks (curricular books, if any)

Main references (sources)

Pharmacology
Richard Harvey, 2010
Veterinary Pharmacology
Alexander Fleming

Recommended books and references (scientific journals, reports...)

Veterinary drug hand book Donald , 2008

Electronic References, Websites

You tube , google search