

Course Description Form

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| 1. Course Name: | |
| Toxicology | |
| 2. Course Code: | |
| Toxicology VEP3122 | |
| 3. Semester / Year: | |
| First semester/ 2023-2024 | |
| 4. Description Preparation Date: | |
| 15/2/2024 | |
| 5. Available Attendance Forms: | |
| 3 rd stage students | |
| 6. Number of Credit Hours (Total) / Number of Units (Total) | |
| 30 hr. / 2 | |
| 7. Course administrator's name (mention all, if more than one name) | |
| Name: Prof. Dr. Kasim Sakran Abass | |
| 8. Course Objectives | |
| Course Objectives | <p>1- Teaching the student the concept of toxicology principles</p> <p>2- Knowledge, understanding and comprehension of the scientific subject curriculum</p> <p>3- To classify the theoretical for the development of learning and teaching in the appropriate manner with the poisoning</p> <p>4- Identifying the pathogenicity of the toxicants to the animal's body.</p> |
| 9. Teaching and Learning Strategies | |
| Strategy | <p>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.</p> |

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.

10. Course Structure

| Week | Hours | Required Learning Outcomes | Unit or subject name | Learning method | Evaluation method |
|-----------------|-------|--|----------------------|------------------------|-------------------|
| 1 st | 2 | Concepts & terminology of toxicology | Introduction | Theoretical (2 hours) | |
| 2 nd | 2 | Toxicokinetics | | Theoretical (2 hours)) | |
| 3 rd | 2 | Antidotes and general treatment of poisoning | | Theoretical (2 hours) | |
| 4 th | 2 | Diagnostic aspects toxicology | | Theoretical (2 hours) | |
| 5 th | 2 | Insecticides | | Theoretical (2 hours) | |
| 6 th | 2 | Herbicides | | Theoretical (2 hours)) | |
| 7 th | 2 | Toxic metals | | Theoretical (2 hours) | |

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|------------------|---|-------------------------------------|--|------------------------|----------------------------------|
| 8th | 2 | Mycotoxins | | | Theoretical (35) and reports (5) |
| 9th | 2 | Feed-associated toxica | | Theoretical (2 hours) | |
| 10 th | 2 | House-hold & industri products | | Theoretical (2 hours) | |
| 11 th | 2 | Toxic plants | | Theoretical (2 hours) | |
| 12th | 2 | Bio toxins | | Theoretical (2 hours) | |
| 13th | 2 | Environmental pollut with toxicants | | Theoretical (2 hours) | |
| 14th | 2 | Pharmaceuticals poisoning | | Theoretical (2 hours)) | |
| 15th | | Final-term exam. | | | Theoretical practical exams (60) |

11. Course Evaluation

1. Semester and final theory exams by 95%
2. Evaluation of extra-curricular activities (reports, posters and homework) by 5%
4. Learning triangle
5. Daily exams

12. Learning and Teaching Resources

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| Required textbooks (curricular books, if any) | Non |
| Main references (sources) | Veterinary Toxicology Basic and Clinical Principles, 2018 |

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| Recommended books and references (scientific journals, reports...) | |
| Electronic References, Websites | Wikipedia |