



Jordan University of Science and Technology
Faculty of Veterinary Medicine
Veterinary Medicine And Surgery Department

VM571 Equine Medicine

First Semester 2023-2024

Course Catalog

2 Credit Hours. The aim of this course is to provide the students with a basic understanding of the general systemic states and the clinical approach to diagnosis and treatment of common medical diseases of digestive, nervous, respiratory, urinary, cardiovascular, endocrine, muscular, vision (eye) and integumentary systems of horses.

Teaching Method: On Campus

Text Book

| | |
|--------------------------|--------------------------|
| Title | Equine Internal Medicine |
| Author(s) | Stephen Reed et al. |
| Edition | 4th Edition |
| Short Name | Ref #1 |
| Other Information | 2017 |

Instructor

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|------------------------|---|
| Name | Prof. Sameeh Abutarbush |
| Office Location | G1L2 |
| Office Hours | Sun : 08:30 - 11:00 Mon : 08:30 - 10:30 Mon : 12:30 - 13:30 Tue : 08:00 - 10:00 Wed : 08:30 - 10:30 |
| Email | smabutarbush@just.edu.jo |

Class Schedule & Room

Section 1:

Lecture Time: Sun, Tue : 13:30 - 14:30

Room: SB19

Prerequisites

| Line Number | Course Name | Prerequisite Type |
|-------------|--------------------------------------|----------------------|
| 665702 | VM570 Large Animal Medicine Clinic 1 | Prerequisite / Study |
| 664861 | VM486 Veterinarydiagnostic Imaging | Prerequisite / Study |

Tentative List of Topics Covered

| Weeks | Topic | References |
|---------------|---------------------------------------|--------------------|
| Week 1 | Introduction | From Ref #1 |
| Weeks 2, 3, 4 | Diseases of the Digestive System | From Ref #1 |
| Week 5 | Diseases of the Respiratory System | From Ref #1 |
| Week 6 | Diseases of the Cardiovascular System | From Ref #1 |
| Weeks 7, 8, 9 | Diseases of The Nervous System | From Ref #1 |
| Week 10 | Diseases of the Urinary System | From Ref #1 |
| Week 11 | Diseases of Endocrine System | From Ref #1 |
| Week 12 | Diseases of Muscular System | From Ref #1 |
| Week 13 | Diseases of The Neonates | From Ref #1 |
| Week 14 | Diseases of the Eye and Skin | From Ref #1 |
| Weeks 15, 16 | Diseases of the Eye and Skin | From Ref #1 |

| Mapping of Course Outcomes to Program Outcomes | Course Outcome Weight (Out of 100%) | Assessment method |
|--|-------------------------------------|-------------------|
| Differentiate between normal and abnormal organs functions in the horse. | 15% | |
| Understand the pathogenesis, clinical aspects, and disorders of the horse. | 15% | |
| Establish basic knowledge of the diagnostic techniques and procedures, which underpin the diagnosis of disease in the horse. | 15% | |
| Develop a problem based or decision-making approach to manifestations of equine diseases. | 15% | |
| Perform a comprehensive clinical examination (History and physical exam), diagnose, treat and monitor both emergent and non-emergent conditions in equine animal patients. | 15% | |

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|--|-----|--|
| Demonstrate interpersonal and communication skills, which will include working as a member of a team, communicating with staff, communicating with clients. | 10% | |
| Develop an appreciation of personal and professional standards in the form of personal presentation, dress and behavior acceptable and appropriate both to staff and to clients. | 15% | |

| Relationship to Program Student Outcomes (Out of 100%) | | | | | | | | | |
|--|---|---|---|---|---|---|---|---|----|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
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