



## Course Descriptor VTMD211 Veterinary Anatomy II

<b>Proposed Academic Year</b>	2021 - 22	<b>Last Reviewed Academic Year</b>	2021
<b>Course Code</b>	VTMD211	<b>Course Title</b>	Veterinary Anatomy II
<b>Credit hours</b>	3	<b>Level of study</b>	Undergraduate
<b>College / Centre</b>	CAHS	<b>Department</b>	Vet. Medicine
<b>Co-requisites</b>	VTMD281	<b>Pre-requisites</b>	VTMD101

### 1. COURSE OUTLINE

The course is the continuation of veterinary anatomy I to provide students' knowledge on the gross anatomy of the body systems (digestive, circulatory, respiratory, urogenital, nervous & sense organs) differences and comparative anatomy are being discussed.

### 2. AIMS

This course aims to provide students with a thorough understanding of the introduction to the nervous system; anatomy of the blood vessels and nerves of body; comparative anatomy of the head, including the skull and mandible, nasal cavity and paranasal sinuses, ear, oral cavity, teeth, cranial nerves, surface of the brain and its coverings and blood supply. The gross and comparative anatomy of the internal organs and viscera are being discussed.

### 3. LEARNING OUTCOMES, TEACHING, LEARNING and ASSESSMENT METHODS

<b>Learning Outcomes (Definitive)</b>	<b>Teaching and Learning methods (Indicative)</b>	<b>Assessment (Indicative)</b>
Upon successful completion of this course, students will be able to:		
1. Demonstrate an understanding of the nervous system.	Power point presentations, lab work, discussion	Work sheets and written examinations
2. Explain the anatomy of the internal organs of the farm animals.	Power point presentations, lab work, discussion	Assignment, Work sheets and written examinations
3. Analyze the comparative anatomy of the head, including the skull and mandible, surface of the brain and its coverings and blood supply	Power point presentations, lab work, discussion	Work sheets and written examinations
4. Appreciate the importance of veterinary anatomy during clinical years of the course.	Power point presentations, lab work, discussion	Work sheets and written examinations

### 4. ASSESSMENT WEIGHTING



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Assessment	Percentage of final mark (%)
Assignment	20%
Quizzes	20%
Mid-term Examination	20%
Final Examination	40%
<b>TOTAL</b>	<b>100%</b>

### 5. ACHIEVING A PASS

Students will achieve **3** credit hours for this course by passing **ALL** of the course assessments [*quizzes, Midterm exam and final examination*] and achieving a **minimum overall score of 50%**

**NB \*Ensure that ALL learning outcomes are taken into account**

### 6. COURSE CONTENT (Indicative)

Anatomical terms & directions

Nervous system

Sense organ

Respiratory system

Digestive System

Cardiovascular System

Urinary System

Male Genital System

Female Genital System

**TOTAL HOURS**

**45**

Plus **RECOMMENDED INDEPENDENT STUDY HOURS**

**15**

**TOTAL COURSE HOURS**

**60**

### 7. RECOMMENDED REFERENCES

#### Core text/s:

- 1- Dyce, Sack, Wensing; Textbook of Veterinary Anatomy 5th Edition.
- 2- Sisson; the Anatomy of the Domestic Animals. 5th Ed.

#### Library + online resources:

<https://guides.library.upenn.edu/VetStudy-Anatomy>

#### Open Educational Resources (OER):

<http://vanat.cvm.umn.edu/>