

**1. VEM5041 – Contemporary Topics in Animal Welfare and Ethics**

Course Coordinator: Dr. A. House

Required Text(s):

- Course notes, SCAVMA

Recommended Text(s):

- *The Science of Animal Welfare*, Mellor, Patterson-Kane & Mellor.
- *An Introduction to Veterinary Medical Ethics: Theory & Cases*, Bernard Rollin.

**VEM 5111, ANIMAL SYSTEMS II - Dr. Don Bolser, Animal Systems Coordinator  
Sections F - I as follows;**

**2. VEM5111E – ANIMAL SYSTEMS II, Reproduction**

Course Coordinators: Dr. M. Pozor

Required Text(s):

- Course notes, SCAVMA

Recommended Text(s):

- *Pathways to Pregnancy and Parturition*, Phillip L. Senger, 2<sup>nd</sup> ed., 2005, Current Conceptions, Inc.

**3. VEM5111F – ANIMAL SYSTEMS II, Musculoskeletal**

Course Coordinator: Dr. L. Hayward

Required Text(s):

- Course notes, SCAVMA

Recommended Text(s):

- *Berne and Levy Principles of Physiology*, Levy and Stanton, 6<sup>th</sup> ed., (2005), Elsevier

**4. VEM5111G – ANIMAL SYSTEMS II, Cardiovascular**

Course Coordinator: Dr. L. Hayward

Required Text(s):

- Course notes, SCAVMA

Recommended Text(s):

- *Berne and Levy Principles of Physiology*, Levy and Stanton, 6<sup>th</sup> ed., (2005), Elsevier

**5. VEM5111H – ANIMAL SYSTEMS II, Respiration**

Course Coordinator: Dr. P. Davenport

Required Text(s):

- Course notes, SCAVMA

Recommended Text(s):

- *Respiratory Physiology, the Essentials*, John West, 8<sup>th</sup> ed., by Lippincott

**VEM 5112, ANIMAL SYSTEMS III - Dr. Don Bolser, Animal Systems Coordinator – Sections J-M as follows;**

6. **VEM5112I**–ANIMAL SYSTEMS III, **Renal**  
Course Coordinator: Dr. D. Bolser  
Required Text(s):  
▪ Course notes, SCAVMA  
Recommended Text(s):  
▪ *Vander's Renal Physiology*, Eaton, 7<sup>th</sup> ed., McGraw-Hill (2009)
7. **VEM 5112J** – ANIMAL SYSTEMS III, **Digestion**  
Course Coordinator: Dr. D. Freeman  
Required Text(s):  
▪ Course Notes, SCAVMA  
Recommended Text(s):  
▪ *Textbook of Veterinary Physiology*, J.G. Cunningham, 4<sup>th</sup> ed., W.B. Saunders (2002)  
▪ *Berne and Levy Principles of Physiology*, Levy and Stanton 6<sup>th</sup> ed., (2005), Elsevier  
▪ *Review of Veterinary Physiology*, LR Engelking, 1<sup>st</sup> ed, Teton NewMedia, WY (2002)
8. **VEM5112K**–ANIMAL SYSTEMS III, **Anatomy**  
Course Coordinator: Dr. R. Johnson  
Required Text(s):  
▪ Course Notes, SCAVMA  
Recommended Text(s):  
▪ *Textbook of Veterinary Anatomy*, K.M. Dyce, W.O. Sack, and C.J.G. Wensing, 4<sup>th</sup> ed., W.B. Saunders (2009).  
Required Equipment:  
▪ Dissection instruments: #4 scalpel handle (w/ #22 blades), large Mayo scissors, large rat-toothed forceps, large serrated or smooth forceps, hemostat, blunt probe.  
▪ Laboratory apparel: Lab coat or Coveralls; sturdy shoes with non-skid soles; sturdy gloves (rubber gloves are ideal).
9. **VEM5181**– **Radiological Techniques**  
Course Coordinator: Dr. C. Berry  
Required Text(s):  
▪ Thrall DE, ed. *Textbook of Veterinary Diagnostic Imaging*, 6<sup>th</sup> ed. Elsevier, 2012. Please note: A new edition might be forthcoming in early 2017 in which case the 7<sup>th</sup> edition will be the required text.  
Recommended Text(s):  
▪ Thrall DE and Robertson I. *Atlas of Normal Radiographic Anatomy and Anatomic Variants of the Dog and Cat*, 2<sup>nd</sup> ed. Elsevier, 2015.  
▪ Evans and de Lahunta. *Guide to the Dissection of the Dog*, 8<sup>th</sup> ed. Elsevier, 2017.

**10. VEM5202 – Supervised Patient Care and Clinical Skills II**

Course Coordinator: Dr. A. Stone

Clinical Skills Lab Director: Joice Gardner

Required Text(s):

- Course Notes, SCAVMA

**11. VEM5220- Basic Veterinary Nutrition**

Course Coordinator: Dr. R. Hill

Required Text(s):

- Course Notes, SCAVMA

Recommended Text(s):

- *Nutrient Requirements of Dog and Cat*, National Academy Press, Washington DC, (2006)
- *Nutrient Requirements of Horses*, National Academy Press, Washington DC (2007)
- *Nutrient Requirements of Dairy Cattle*, National Academy Press, Washington DC (2001)

**LEGEND**

**Hall 'A' - Dean's Circle of Excellence (VAB, front wing)**

**V1-200 - Anatomy Lab (behind the VAB Hallway mural)**

**New Auditorium - Lecture Hall in back of VAB**