1. VEM5141 – Veterinary Microbiology
   Course Coordinator: Dr. D. Brown
   Required Text(s): Course notes, SCAVMA
   Recommended Text(s):
   - Veterinary Microbiology, Authors: D.S. McVey, M. Kennedy, M.M. Chengappa (3rd ed.)
   - Infectious Diseases of the Dog & Cat, Author: C.E. Greene (4th ed.)

2. VEM5161 – General Pathology
   Course Coordinators: Dr. P. Ginn
   Required Text(s): Course notes, SCAVMA
   Recommended Text(s):
   - Pathologic Basis of Veterinary Disease, Author: J.F. Zachary (2017, 6th ed.)
   - Robbins & Cotran Pathologic Basis of Disease, Authors: Kumar, Abbas, Aster (2014, 9th ed)

3. VEM5171 – Veterinary Pharmacology
   Course Coordinator: Dr. L. Reznikov
   Required Text(s): Course notes, SCAVMA
   Recommended Text(s):
   - Veterinary Pharmacology & Therapeutics, Authors: J.E. Riviere & M.G. Papich (9th ed.)
   - Plumb’s Veterinary Drug Handbook, (7th ed.)

4. VEM5172 – Veterinary Toxicology
   Course Coordinator: Dr. C. Martyniuk
   Required Text(s): Course notes, SCAVMA
   Recommended Text(s): Clinical Veterinary Toxicology, Authors: G. Lorgue, J. Lechenet, & A. Riviere

5. VEM5203 – Supervised Patient Care and Clinical Skills III
   Course Coordinators: Dr. A. Allen
   Recommended Text(s): Essential Calculations for Veterinary Nurses and Technicians, Author: T. Lake & N. Green (3rd ed.)

6. VEM5221 – Clinical Pathology
   Course Coordinator: Dr. S. Beatty
   Required Text(s): Canvas notes
   Recommended Text(s): Fundamentals of Veterinary Clinical Pathology, Authors: S. Stockham & M. Scott. (2nd ed.)
7. VEM5261 – Diagnostic Radiology  
Course Coordinator: Dr. F. Vilaplana Grosso  
Required Text(s): None  
Recommended Text(s):  
- *Textbook of Veterinary Diagnostic Radiology*, Author: D.E. Thrall (6th ed.) 2013 (other editions can be used)  
- *Atlas of Radiographic Anatomy and Anatomic Variants of the Dog and Cat*, Author: D. Thrall and I. Robertson (2011) (other editions can be used)

8. VEM 5278 - Theriogenology  
Course Coordinator: Dr. M. Pozor  
Required Text(s): Course Notes, SCAVMA  
Recommended Text(s):  
- *Current Therapy in Large Animal Theriogenology*, Author: Youngquist (2nd ed.)

9. VEM5301 – Cardiopulmonology  
Course Coordinator: Dr. A. Estrada & Dr. A. Specht  
Required Text(s): Course Notes, SCAVMA  
Recommended Text(s):  
- *Current Therapy in Equine Medicine*, Author: N.E Robinson (5th ed.)  
- *Cardiovascular Disease in Small Animal Medicine*, Author: W. Ware (1st ed.)

10. VEM5306 – Endocrinology  
Course Coordinator: Dr. M. Schaer  
Required Text(s): Course Notes, SCAVMA  
Recommended Text(s):  