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.)  

2. **VEM5161 – General Pathology**  
   Course Coordinators: Dr. W. Castleman  
   Required Text(s):  
   - Course notes, SCAVMA

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. B. Connor  
   Joice Gardner

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. E. Porter**  
   Required Text(s): None

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**  
   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):  