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. P. Ginn**  
   Required Text(s):  
   - Course notes, SCAVMA  
   Recommended Text(s):  

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):  
   - Canine and Feline Endocrinology and Reproduction, Authors: Feldman & Nelson (3rd ed.)  
   - Manual of Equine Reproduction, Authors: Blanchard, Varner & Schumacher (2nd ed.)  
   - Current Therapy in Large Animal Theriogenology, Author: Youngquist (2nd ed.)

9. VEM5301 – Cardiopulmonology  
   Course Coordinator: Dr. A. Estrada and 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):  