1. **VEM5141 – Veterinary Microbiology**  
   Course Coordinator: **Dr. T. Waltzek**  
   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. R. Ossiboff**  
   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. 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)  

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. C. Gilor  
    **Required Text(s):** Course Notes, SCAVMA  
    **Recommended Text(s):**  
    - *Textbook of veterinary Internal Medicine*. Authors: Ettinger, Feldman and Cote (8th ed.)