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  
   **Recommended Text(s):** *Essential Calculations for Veterinary Nurses and Technicians*, Author: T. Lake & N. Green (3rd ed.)

6. **VEM5221 – Clinical Pathology**  
   **Course Coordinator:** Dr. M. Leissinger & 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):  
     2013 (other editions can be used)  
   - *Atlas of Radiographic Anatomy and Anatomic Variants of the Dog and Cat*,  
     Author: D.E. 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):  
     (2nd. ed.)  
   - *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):  