1. VEM 5162 – Veterinary Systemic Pathology  
   **Course Coordinator:** Dr. L. Farina  
   **Required Text(s):** Course notes, SAVMA  
   **Recommended Text(s):** Pathologic Basis of Veterinary Disease (5th ed.), M.D. McGavin, James F. Zachary, Mosby 2012. **Will be placed on reserve.**

2. VEM 5204 – Supervised Patient Care and Clinical Skills IV  
   **Course Coordinator:** Dr. M. Mallicote  
   Joice Gardner  
   **Recommended Text(s):** Essential Calculations for Veterinary Nurses and Technicians, Author: T. Lake & N. Green (3rd ed.)

3. VEM 5241 – Ophthalmology  
   **Course Coordinators:** Dr. D. Whitley  
   **Required Text(s):** Course notes, SAVMA  
   **Recommended Text(s):** Essentials of Veterinary Ophthalmology, Gelatt, 3rd ed. (2014)

4. VEM 5251 – Emergency Medicine and Critical Care  
   **Course Coordinator:** Dr. B. Conner  
   **Required Text(s):** Course notes, SAVMA  
   **Recommended Text(s):**  
   - Fluid Therapy in Small Animal Practice, DiBartola SP, W.B. Saunders  
   - Small Animal Critical Care Medicine, Silverstein & Hopper, Elsevier

5. VEM 5286 – Veterinary Clinical Pharmacology  
   **Course Coordinator:** Dr. T. Lanaux  
   **Required Text(s):** Course notes, SAVMA  
   **Recommended Text(s):**  
   - Veterinary Pharmacology and Therapeutics. Riviere and Papich, new edition spring 2009

6. VEM 5305 – Veterinary Urology  
   **Course Coordinator:** Dr. A. Specht  
   **Required Text(s):** Course notes, SAVMA

7. VEM 5309 – Veterinary Gastroenterology  
   **Course Coordinators:** Dr. A. Gallagher & Dr. C. Sanchez  
   **Required Text(s):** Course notes, SAVMA  
   **Recommended Text(s):** Canine & Feline Gastroenterology, Washabau and Day, 2012, Elsevier
8. **VEM 5384 – Veterinary Neurology**  
   **Course Coordinator:** Dr. S. Carrera-Justiz  
   **Required Text(s):** *A Practical Guide to Canine and Feline Neurology*, 2nd ed., Curtis W. Dewey

9. **VEM 5387 – Veterinary Dermatology**  
   **Course Coordinator:** Dr. R. Marsella  
   **Required Text(s):** Course Notes, SAVMA  
   **Recommended Text(s):** *Small Animal Dermatology*, Muller, Kirk and Griffin, 6th ed., W.B. Saunders Co. (2001)

10. **VEM 5402 – Fundamentals of Soft Tissue Surgery**  
    **Course Coordinator(s):** Dr. B. Case  
    **Required Text(s):**  
    - Course Notes, SAVMA  
    **Recommended Text(s):**  
    - *Equine Surgery*, 3rd Ed., Auer & Stick, Saunders  
    **Required Equipment:**  
    - Surgical Scrubs  
    - Clean and comfortable shoes  
    - Surgical Packs from SAVMA  
    - Stethoscope  
    - Rectal Thermometer

11. **VEM 5440 – Fundamentals of Orthopedic Surgery**  
    **Course Coordinator:** Dr. D. Lewis  
    **Required Text(s):**  
    - Course Notes, SAVMA  

12. **VEM 5470 – Veterinary Anesthesiology**  
    **Course Coordinator:** Dr. F. Garcia-Pereira  
    **Required Text(s):**  
    - Course Notes, SAVMA  
    - Other Requirements: Scrub suit, stethoscope, penlight.  
13. VEM 5504 – Veterinary Preventive and Production Medicine
Course Coordinator: Dr. M Mallicote
Required Text(s): Course Notes, SAVMA

Recommended Text(s):

- *Dairy Production Medicine*, By Risco and Melendez, 1st Ed (2011)