

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* (5<sup>th</sup> 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](#)  
Recommended Text(s): *Essential Calculations for Veterinary Nurses and Technicians*, Author: T. Lake & N. Green (3<sup>rd</sup> ed.)
3. **VEM 5241 – Ophthalmology**  
Course Coordinators: [Dr. R. Hamor](#)  
Required Text(s): Course notes, SAVMA  
Recommended Text(s): *Essentials of Veterinary Ophthalmology*, Gelatt, 3<sup>rd</sup> ed. (2014)
4. **VEM 5251 – Emergency Medicine and Critical Care**  
Course Coordinator: [Dr. A. Allen](#) & [Dr. T. Lanaux](#)  
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):
  - *Handbook of Veterinary Pharmacology*, WH Hsu, Wiley-Blackwell, Iowa State Press, 2008
  - *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](#)  
Recommended Text(s):

- *A Practical Guide to Canine and Feline Neurology*, 2<sup>nd</sup> ed., Curtis W. Dewey
  - *Handbook of Veterinary Neurology*, 5<sup>th</sup> ed., Lorenz, Coates, Kent, Elsevier (2010)
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 – Introduction of Soft Tissue Surgery  
Course Coordinator(s): [Dr. P. Regier](#)  
Required Text(s):
  - Course Notes, SAVMA
  - *Small Animal Surgery*, By Fossum, 5<sup>th</sup> ed., (2018), ElsevierRecommended Text(s):
  - *Textbook of Small Animal Surgery*, Tobias and Johnston, 2<sup>nd</sup> ed. (2018) Elsevier
  - *Equine Surgery*, 3<sup>rd</sup> Ed., Auer & Stick, Saunder
11. VEM 5402L – Introduction to Surgery Lab  
Course Coordinator(s): [Dr. A. Fox-Alvarez](#)  
Required Text(s):
  - Course Notes, SAVMA
  - *Small Animal Surgery*, By Fossum, 5<sup>th</sup> ed., (2018), ElsevierRequired Equipment:
  - Surgical Scrubs
  - Clean and comfortable closed-toe shoes
  - Bandage scissors
  - Stethoscope
  - Rectal Thermometer
12. VEM 5440– Fundamentals of Orthopedic Surgery  
Course Coordinator: [Dr. D. Lewis](#)  
Required Text(s):
  - Course Notes, SAVMA
  - *Small Animal Surgery*, By Fossum, 4<sup>th</sup> ed., (2002), ElsevierRecommended Text(s): *Handbook of Small Animal Orthopedics and Fracture Treatment*, 5th Edition. By Brinker, Piermattei and Flow, Saunders
13. VEM 5470 – Veterinary Anesthesiology  
Course Coordinator: [Dr. B. Gatson](#)  
Required Text(s):
  - Course Notes, SAVMA
  - Other Requirements: Scrub suit, stethoscope, penlight.

Recommended Text: *Lumb & Jones Veterinary Anesthesia*, 4th ed. By Tranquilli, Thurmon and Grimm, Blackwell Pub (2007)

**14. 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, 1<sup>st</sup> Ed (2011)
- *Large Animal Internal Medicine*, By Smith, 6<sup>th</sup> Ed (2019) Elsevier
- *Rebuns's Diseases of Dairy Cattle*, By Divers and Peek, 3<sup>rd</sup> ed. (2018) Elsevier
- *Goat Medicine*, By Smith and Sherman, 2<sup>nd</sup> Ed (2009 ) Wiley-Blackwell
- *Sheep, Goat, and Cervid Medicine*, By Pugh, Baird, Edmondson, Passler, 3<sup>rd</sup> ed. (2020) Elsevier
- *Diseases of Swine*, By Zimmerman, Karriker, Ramirez, Schwartz, Stevenson, 11<sup>th</sup> ed (2019) Wiley-Blackwell