

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. B. Moore](#)  
Required Text(s): Course notes, SAVMA  
Recommended Text(s):
  - *Essentials of Veterinary Ophthalmology*, Gelatt, 3<sup>rd</sup> ed. (2014)
  - *Slatter's Fundamentals of Veterinary Ophthalmology*, Maggs, Miller, Ofri, 6<sup>th</sup> ed. 2017
4. VEM 5251 – Emergency Medicine and Critical Care  
Course Coordinator: [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), Elsevier

Recommended 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. C. Adin](#)

Required Text(s):

- Course Notes, SAVMA
- *Small Animal Surgery*, By Fossum, 5<sup>th</sup> ed., (2018), Elsevier

Required 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), Elsevier

Recommended 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. L. Chiavaccini](#)

Required Text(s):

- Course Notes and PowerPoint Lecture Slides provided by lecturers.
- Other Requirements: Scrub suit, stethoscope, penlight.

Recommended Text:

- *Veterinary Anesthesia and Analgesia*, Lumb and Jones' 5th Edition (recommended but not required for the course).
- *Essentials of Small Animal Anesthesia and Analgesia*, 2nd Edition (recommended but not required for the course).

**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
- *Rebun's Diseases of Dairy Cattle*, By Divers and Peek, 3<sup>rd</sup> ed. (2018) Elsevier
- *Goat Medicine*, By Smith and Sherman, 3<sup>rd</sup> Ed (2023) 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
- *Infectious Diseases of the Dog and Cat*, by Greene, 4<sup>th</sup> Ed (2011) Elsevier
- *Vaccines for Veterinarians* By Tizzard (2021) Elsevier
- *Vaccines in Small Animals* By Palmero and Astorga (2020)