

1. **VEM5003, End of Life Issues in Veterinary Medicine**  
Course Coordinator: [Dr. A. Inman](#)  
Required Text(s): None
2. **VEM5035, Veterinary Business Management\***  
Course Coordinator: [Dr. M. Mallicote](#)  
Required Text(s): Course Notes, SAVMA
3. **VEM5144, Large Animal Applied Microbiology\*\***  
Course Coordinator: [Dr. M. Long](#)  
Required Material: Recorded PowerPoint Lectures and Assigned Reading Material  
Recommended Texts:
  - *Equine Infectious Diseases* Editors: D.C. Sellon & M.T. Long (2<sup>nd</sup> ed.) OR
  - *Equine Internal Medicine*, Authors: Reed, Bayly & Sellon (3<sup>rd</sup> ed.) OR
  - *Veterinary Microbiology and Microbial Diseases* (PJ Quinn 2<sup>nd</sup> ed.) OR
  - *Clinical Veterinary Microbiology*: B. Markey et al. (2<sup>nd</sup> Edition)
4. **VEM5154, Large Animal Parasitology\*\***  
Course Coordinator: [Dr. H. Walden](#)  
Required Text(s):
  - *Veterinary Clinical Parasitology*, Authors: Zajac & Conboy (2012, 8<sup>th</sup> ed.)
  - *Georgi's Parasitology for Veterinarians*, Authors: Bowman & Saunders (2021, 11<sup>th</sup> ed.)  
NOTE: DO NOT BUY "Outlines & Highlights for Georgi's Parasitology for Veterinarians"
  - Course Notes, SAVMA
5. **VEM5208, Complementary and Alternative Veterinary Medicine**  
Course Coordinator: [Dr. J. Shmalberg](#)  
Required Text(s): Online course notes
6. **VEM5242, Small Animal Ophthalmology**  
Course Coordinator: [Dr. Bret Moore](#)  
Required Text(s): Online Course Notes, SAVMA  
Recommended Text(s):
  - *Essentials of Veterinary Ophthalmology*, Author: Gelatt (3<sup>rd</sup> ed.)
  - *Ophthalmic Diseases in Veterinary Medicine*, Authors: Martin, Pickett, Spiess, 2019 (2<sup>nd</sup> ed)
  - *Slatter's Fundamentals of Veterinary Ophthalmology*, Authors: Maggs, Miller & Ofri, 2018 (6<sup>th</sup> ed.)
  - *Color Atlas of Veterinary Ophthalmology, 2<sup>nd</sup> edition, Gelatt KN, Plummer CE, 2017. (2<sup>nd</sup> ed)*
  - *Veterinary Ophthalmic Surgery*, Gelatt & Gelatt (2011, 1<sup>st</sup> ed.)
7. **VEM5262, Advanced Small Animal Diagnostic Imaging\*\***  
Course Coordinator: [Dr. A. Gallastegui](#)  
Required Text(s): Online course notes  
Recommended Text(s):
  - *Atlas of Small Animal Ultrasonography*, Editors: Pennick & d'Anjou (2015, 2<sup>nd</sup> ed)
  - *Small Animal Diagnostic Ultrasound*, Authors: Mattoon & Nyland (2014, 3<sup>rd</sup> ed)
8. **VEM5271, Small Animal Reproduction**  
Course Coordinator: [Dr. A Kelleman](#)  
Required Text(s):

- *Small Animal Endocrinology and Reproduction*, Editors: D.S. Greco & A.P. Davidson (2017 – eBook)
- Recommended Text(s):
- *Clinical Canine and Feline Reproduction, Evidence Based Answers* Authors: Kustritz, Wiley, Blackwell (2010 – out of print)
9. **VEM5274, Equine Reproduction**  
Course Coordinator: [Dr. M. Macpherson](#)  
Required Text(s):
- *Manual of Equine Reproduction*, Authors: Brinsko, Blanchard, Varner, Schumaker, & Love (3<sup>rd</sup> ed.)
  - Course Notes, SAVMA
- Required Equipment:
- Boots, coveralls
- Strongly Recommended Text(s):
- *Equine Reproduction*, Authors: McKinnon, Squires, Vaala & Varner (2<sup>nd</sup> ed.)
10. **VEM5288, Small Animal Clinical Pharmacology\*\***  
Course Coordinator: [Dr. E. Maxwell](#)  
Required Text(s): Course Notes, SAVMA
11. **VEM5308, Veterinary Medical Oncology**  
Course Coordinator: [Dr. S. Bechtel](#) & [Dr. J. Bertran](#)  
Recommended Text(s):
- *Cancer Management in Small Animal Practice*, Author: Henry (1<sup>st</sup> ed.)
  - *Small Animal Clinical Oncology*, Author: Winthrow and MacEwen (6<sup>th</sup> ed.)
12. **VEM5311, Avian Medicine and Surgery**  
Course Coordinator: [Dr. D. Heard](#)  
Required Text(s): None
13. **VEM5313, Poultry Diseases**  
Course Coordinator: [Dr. J. Roberts](#)  
Required Text(s): Course Notes, SAVMA
14. **VEM5335, Equine Internal Medicine\*\***  
Course Coordinator: [Dr. S. DeNotta](#)  
Required Text(s): Course Notes  
Recommended Text(s):
- *Equine Emergencies: Treatment and Procedures*, Authors Orsini & Divers (4th ed)
15. **VEM5363, Diseases of Laboratory Animals**  
Course Coordinator: [Dr. H. Ramirez](#)  
Required Text(s): Course Notes, SAVMA
16. **VEM5377, Marine Mammal Medicine**  
Course Coordinator: [Dr. M. Walsh](#)  
Required Text(s): Course Notes, SAVMA  
Recommended Text(s):
- *Zoo and Wild Animal Medicine*, Authors: Fowler & Miller (7<sup>th</sup> ed.)
  - *Handbook of Marine Mammal Medicine*, Authors: Dierauf & Gulland (2<sup>nd</sup> ed.)
17. **VEM5388, Advanced Small Animal Dermatology**

- Course Coordinator: [Dr. R. Marsella](#)  
Required Text(s): Course Notes, SAVMA
18. VEM5422, Equine Surgery and Lab\*\*  
Course Coordinator: [Dr. T. McCarrel](#)  
Required Text(s): Course Notes, SAVMA  
Recommended Text(s): *Equine Surgery*, Authors: Auer & Stick (4<sup>th</sup> or 5<sup>th</sup> ed.)
19. VEM5424, Veterinary Forensic Pathology  
Course Coordinator: [Dr. A. Stern](#)  
Required Text(s): None  
Recommended Text(s):
- *Veterinary Forensics: Investigation, Evidence Collections, and Expert Testimony*. Rogers ER, Stern AW, eds. CRC Press, 2018.
  - *Animal Abuse and Unlawful Killing*. Munro HMC, Munro R, eds. Saunders Elsevier, 2008.
20. VEM5432, Advanced Small Animal Surgery\*\*  
Course Coordinator: [Dr. B. Case](#)  
Required Text(s):
- *Small Animal Surgery*, Authors: Fossum & Mosby (4<sup>th</sup> ed.)
  - Course Notes, SAVMA
- Recommended Text(s):
- *Brinker, Piermattei and Flo's Handbook of Small Animal Orthopedics and Fracture Repair*, Authors: Piermattei, Flo & DeCamp, (4<sup>th</sup> ed.)
  - *Veterinary Surgery; Small Animal*, Authors: Tobias & Johnston, Elsevier
21. VEM5433, Advanced Small Animal Surgery Laboratory\*\*  
Course Coordinator: [Dr. S. Kim](#)  
Required Text(s): Course Notes, SAVMA  
Recommended Text(s):
- *Small Animal Surgery*, Author: Fossum (4<sup>th</sup> ed.)
  - *Handbook of Small Animal Orthopedics and Fracture Repair*, Author: Piermattei (4<sup>th</sup> ed.)
22. VEM5473, Large Animal Anesthesiology\*\*  
Course Coordinator: [Dr. L. Pablo](#)  
Required Text(s): Course Notes, SAVMA  
Recommended Text(s):
- *Veterinary Anesthesia*, Authors: Hall & Clark (10<sup>th</sup> ed.) (Print on demand)
  - *Manual of Equine Anesthesia and Analgesia*, Authors: Doherty and Valverde
23. VEM5854, Clinical Pathology  
Course Coordinator: [Dr. C. Lanier](#)  
Required Text(s):
24. VEM5931, Topics in Aquatic Animal Medicine  
Course Coordinator: [Dr. I. Larkin](#)  
Required Text(s):

**Online Courses**

## 1. VEM5051-Welfare and Wellness for Pets and People

Course Coordinator: [Dr. J. Levy](#)

## 2. VEM5342-Community Cat Management

Course Coordinator: [Dr. J. Levy](#)

Required Text(s):

- *High-Quality, High-Volume Spay and Neuter and Other Shelter Surgeries*, Sara White, 2020,
- *Community Cats chapter pp 477-502 (25 pages)*
- *Association of Shelter Veterinarians 2016 Veterinary Medical Care Guidelines for Spay-Neuter Programs (24 pages)*
- *Million Cat Challenge Pathway Planning – Cat Superhighways (5 pages)*
- *Community Cat Management “Superhighways” (6 pages)*

## 3. VEM5371-Aquatic Animal Conservation Issues

Course Coordinator: [Dr. I. Larkin](#)

## 4. VEM5381-Shelter Animal Physical Health

Course Coordinator: [Dr. C. Crawford](#)

Required Text(s):

- *ASV Guidelines for Standards of Care in Animal Shelters (provided in course)*
- *ASV Guidelines for Standards of Care in Animal Shelters Checklist (provided in course)*

Recommended Text(s):

- *Shelter Medicine for Veterinarians and Staff*, Editors: L. Miller and S. Zawistowski, 2013 (2<sup>nd</sup> ed)

## 5. VEM 5992 – Veterinary Business Special Project

Course Coordinator: [Dr. M. Mallicote](#)

- \* Required Course (Veterinary Business and Professional Development)
- \*\* Essential Courses (Anesthesiology, Pharmacology, Microbiology, Parasitology, Pathology, Radiology, Medicine, and Surgery)