

1. **VEM5032 – Veterinary Business and Professional Development***
Course Coordinator: [Dr. M. Mallicote](#)
Required Text(s): Course notes, SAVMA

2. **VEM5143 – Small Animal Applied Microbiology****
Course Coordinator: [Dr. M. Brown](#)
Required Text(s): Course notes, SAVMA

3. **VEM5153 – Small Animal Parasitology****
Course Coordinator: [Dr. H. Walden](#)
Required Text(s):
 - Course notes, SAVMA
 - *Veterinary Clinical Parasitology*, Zajac and Conboy, Blackwell
 - *Georgi's Parasitology for Veterinarians*, BowmanRequired Supplies: Lab coat, Coveralls, boots

4. **VEM5164 – Small Animal Pathology****
Course Coordinator: [Dr. S. Craft](#)
Required Text(s): Course notes, SAVMA
Recommended Text(s): *Pathologic Basis of Veterinary Diseases*, Mosby

5. **VEM5165 - Large Animal Pathology****
Course Coordinator: [Dr. J. Roberts](#)
Required Text(s): Course notes, SAVMA
Recommended Text(s):

6. **VEM5176 – Poisonous Plants**
Course Coordinator: [Dr. C. Martyniuk](#)
Required Text(s):
 - Course Notes, SAVMA
 - *Poisonous Plants of the Southeastern United States*, Florida coop., Extension, IFAS, University of Florida

7. **VEM 5206 – Advanced Clinical Behavior**
Course Coordinator: [Dr. T. Curtis](#)
Required Text(s): Course Notes, SAVMA
Recommended Text(s):
 - *Blackwells' Five Minute Veterinary Consult Clinical Companion – Canine & Feline Behavior*, Horwitz & Neilson
 - *Decoding Your Dog – College of Veterinary Behaviorists*, Debra F. Horwitz, DVM, John Cirbassi, DVM and Steve Dale, 2014
 - *Veterinary Psychopharmacology*, Crowell-Davis & Murray

8. **VEM5222 – Cytodiagnosis in Veterinary Practice**
Course Coordinator: [Dr. S. Beatty](#)
Required Text(s): Course Notes, SAVMA
Recommended Text(s):
- *Canine and Feline Cytology: A Color Atlas and Interpretation Guide*, 3rd Edition (2015). Raskin & Meyer
 - *Diagnostic Cytology and Hematology of the Dog and Cat*, 4th Edition (2013). Cowell & Tyler
 - *Diagnostic Cytology and Hematology of the Horse*, (2001). Cowell & Tyler
 - *Exotic Animal Hematology & Cytology*, (2015). Campbell
9. **VEM5225- Small Animal Clinical Nutrition**
Course Coordinator: [Dr. R. Hill](#)
Required Text(s): Course Notes, SAVMA, supplemented to go with VEM5220 notes
Recommended Text(s):
- *Encyclopedia of Clinical Nutrition*. Pibot, Biourge, Elliott. Royal Canine online version <http://www.ivis.org>
 - *Small Animal Clinical Nutrition*, 5th edition. Hand, Thatcher et al Mark Morris Institute. Free download at <http://bookstore.markmorrisinstitute.org/products>
 - *Applied Veterinary Clinical Nutrition*, Fascetti Delaney. Wiley-Blackwell
 - Feeding guides of major manufacturers can be found on the [K://Public/Shared/Petfood Information](http://K://Public/Shared/Petfood%20Information) (Hill)
 - *Canine and Feline Nutrition: A Resource for Companion Animal Professionals*, Kindle Edition. Case, Daristotle, Hayek and Raasch
 - *Harpers Illustrated Biochemistry* is available to read as an Ebook through UF library
10. **VEM5243- Equine Ophthalmology**
Course Coordinator: [Dr. C. Plummer](#)
Required Text(s): Course Notes, SAVMA
11. **VEM5264- Large Animal Radiology****
Course Coordinator: [Dr. E. Porter](#)
Required Text(s): Course notes, SAVMA
Recommended Text(s):
- *Clinical Radiology of the Horse*, JA Butler
 - *Thrall Textbook of Diagnostic Radiology*
 - *O'Brein's Radiology*
12. **VEM5277- Bovine Reproduction**
Course Coordinator: [Dr. K. Galvao](#)
Required Text(s): Course Notes, SAVMA
13. **VEM5289- Large Animal Clinical Pharmacology****
Course Coordinator: [Dr. M. Mallicote](#)
Required Text(s): Course Notes, SAVMA

14. VEM5303- Small Animal Hematology
Course Coordinator: [Dr. C. Lanier](#)
Required Text(s): None
Recommended Text(s): *Veterinary Hematology: A Diagnostic Guide and Color Atlas*, Harvey, 2nd ed.
15. VEM5304- Small Animal Neurology
Course Coordinator: [Dr. S. Carrera-Justiz](#)
Required Membership:
- Clinical Syndromes in Veterinary Neurology, K. Braund (out of press but available for free online via International Veterinary Information Services, www.ivis.org , Register (free) then click Library, then Books.
 - Required Review: The neurological Exam, Chrisman online at www.cliniciansbrief.com Register (free) click on clinicians Web Brief, then click on The Neurological exam step by step. THIS MUST BE REVIEWED BEFORE THE FIRST DAY OF CLASS!
- Recommended Text(s): *A Practical Guide to Canine and Feline Neurology*, Dewey, Iowa State Press
16. VEM5324- Forensic Veterinary Medicine
Course Coordinator: [Dr. C. Crawford](#)
Required Text(s): Course Notes, SAVMA
17. VEM5325- Small Animal Medicine**
Course Coordinator: [Dr. K. Cooke](#)
Required Text(s): Course Notes, SAVMA
Recommended Text(s):
- *Small Animal Internal Medicine*, R.W. Nelson and C.G. Couto, 6th ed.,(2019), Mosby
 - *Textbook of Veterinary Internal Medicine*, S.J. Ettinger and E.C. Feldman, 8th ed., (2017), Saunders
18. VEM5334L- Equine Lameness Imaging
Course Coordinator: [Dr. E. Porter](#)
Required Text(s):
19. VEM5343- Small Animal Dentistry
Course Coordinator: [Dr. A. Stone](#)
Required Text(s):
- Course Notes, SAVMA
 - *A Color Handbook Small Animal Dental, Oral & Maxillofacial Disease*, B Niemiec (2010), Manson

20. VEM5352- Dairy Production Medicine
Course Coordinator: [Dr. R. Bisinotto](#)
Recommended Text(s):
 - *Herd Health*, Radostits 3rd ed., (2001)
 - *Dairy Production Medicine*, Risco and Melendez, 1st ed. (2011)
21. VEM5355- Ruminant Medicine
Course Coordinator: [Dr. F. Maunsell](#)
Required Text(s): Course Notes, SAVMA
Recommended Text(s):
 - *Large Animal Internal Medicine*, Smith, 6th., (2019), Elsevier
 - *Veterinary Medicine*, Constable, Hinchcliff, Done & Grunberg, 11th ed., (2017), Elsevier
22. VEM5364- Clinical Medicine & Surgery of Rabbits, Rodents and Ferrets
Course Coordinator: [Dr. R. Isaza](#)
Required Text(s):
 - Course Notes, SAVMARecommended Text(s):
 - *Ferrets, Rabbits, and Rodents Clinical Medicine and Surgery* by Quesenberry, Orcutt, Mans and Carpenter
 - *Ferrets, Rabbits, and Rodents: Clinical Medicine and Surgery* Elsevier, 4th ed. (2021)
23. VEM5370- Reptile Medicine and Surgery
Course Coordinator: [Dr. J. Wellehan](#)
Recommended Text(s):
 - *Reptile Medicine and Surgery*, by Doug Mader (ed. Disvers & Stahl), 3rd ed. (2018)
 - *Infectious Diseases and Pathology of Reptiles*, by Elliott Jacobson
 - *The Lizard King*, by Bryan Christy
24. VEM5472- Small Animal Anesthesiology**
Course Coordinator: [Dr. L. Pablo](#)
Required Text(s): Course Notes, SAVMA
Recommended Text(s): *Lumb and Jones, Veterinary Anesthesia and Analgesia* 4th ed., Grimm (2007)
25. VEM5503- Veterinary Epidemiology*
Course Coordinator: [Dr. R. Izasa](#)
Required Text(s): Course Notes, SAVMA
Recommended Text(s):
 - *Epidemiology* by Gordis L. 4th ed., Elsevier, (2014)
 - *Practical Clinical Epidemiology for the Veterinarian* by Vilarroel A, Wiley Blackwell (2015)
 - *Veterinary Epidemiology* by Thrusfield M, 4th ed. Wiley Blackwell (2018)

26. VEM5530- **Advanced Beef Practice**
Course Coordinator: [Dr. O. Rae](#)
Required Text(s): Course Notes, SAVMA
Recommended Text(s): *Herd Health*, Radostits, 3rd ed., (2001)
27. VEM5571- **Emerging Diseases**
Course Coordinator: [Dr. A. Tuanyok](#)
Required Text(s):

*** Required Courses**

****Essential Courses (Anesthesiology, Pharmacology, Microbiology, Parasitology, Pathology, Radiology, Medicine, and Surgery) must take either small or large animal course during Phase 3**

On-Line Courses offered

1. VEM5030 – **Entrepreneurship in Veterinary Medicine**
Course Coordinators: [Dr. M. Mallicote](#)
Required Text(s):
- SAVMA Notes
 - [KPMG Study: The Current and Future Market for Veterinarians and Veterinarian Services in the United States \(1999\)](#).
 - [Brakke-Bayer AVMA Study: Impact of Management Practices and Business Behavior on Small Animal Veterinarian's Incomes \(1999\)](#).
 - [Competition in the Pet Medications Industry: July 2015](#)
 - [AVMA website for veterinary practice management information](#).
- Recommended Text(s):
- *Veterinary Clinics of North America Equine Practice- Practice Management*, Reynolds Cowles (editor), WB Saunders Company, Volume 25, Number 3, December 2009.
 - *Blackwell's Five-Minute Veterinary Practice Management Consult*, Lowell Ackerman (editor), Blackwell Publishing, 2007.
 - AAHA Chart of Accounts - ISBN# 9781583260395
 - AAHA Financial Management of the Veterinary Practice - ISBN# 9781583261248
 - AAHA Financial and Productivity Pulsepoints - ISBN# 9781583261828
 - Industry Matter Benchmarks: A Study of Well-Managed Practices VBMZ310
- *Desk copies of the textbooks are available for short-term use – see course coordinator.
2. VEM5051 – **Welfare and Wellness for Pets and People – Online**
Course Coordinator: [Dr. J. Levy](#)
Required Text(s): None

3. VEM5320 – Shelter Animal Behavior and Welfare – Online

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

Required Text(s): (available in Course Reserves as E-books)

- *Association of Shelter Veterinarians Guidelines for Standards of Care in Animal* (46 pgs.)
- *Association of Shelter Veterinarians 2016 Veterinary Medical Care Guidelines for Spay-Neuter Programs* (24 pgs.)
- Additional required reading material is provided within the course lessons

Recommended Text(s):

- *Shelter Medicine for Veterinarians and Staff, 2nd ed, Lila Miller and Stephen Zawistowski, eds. Wiley-Blackwell, 2013*
- *Infectious Disease Management in Animal Shelters. Lila Miller, Kate Hurley, eds. Wiley-Blackwell, 2009*
- *The Best Practice Playbook for Animal Shelters. Sara Pizano, Kate Hurley, Julie Levy*
- *ASPCA Shelter Care Checklists: Putting ASV Guidelines into Action*
- *Animal Behavior for Shelter Veterinarians and Staff, Emily Weiss, Heather Mohan-Gibbons, and Stephen Zawistowski, 2015.*

4. VEM 5372- Aquatic Wildlife Health – Online

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

5. VEM 5510- Emerging and Exotic Diseases (USDA course)* – Online

Course Coordinator: [Dr. F. Maunsell](#)