

1. VEM5008 – Putting Families First – Interdisciplinary Health

Course Coordinators: [Dr. A. Estrada](#)

Required Text(s): Course notes, SAVMA

2. VEM5101 – Veterinary Gross Anatomy

Course Coordinator: [Dr. S. Tevosian](#)

Required Text(s):

- Course Notes, SAVMA
- *Guide to the Dissection of the Dog*, Authors: Evans & de Lahunta (7th or 8th ed.)

Recommended Text(s):

- *Miller's Anatomy of the Dog*, Authors: Evans & Christensen (4th ed.)
- *Textbook of Veterinary Anatomy*, Authors: Dyce, Sack, & Wenging (4th ed.)
- *Atlas of Feline Anatomy For Veterinarians*, Authors: L. Hudson & W. Hamilton (2010)

Required Supplies:

- One #4 scalpel blade holder (handle)
- Eight #20 scalpel blades
- Tissue forceps
- Iris or dissecting scissors
- Blunt probe
- Hemostat, 5"-6", straight or curved
- Two boxes of disposable gloves (or set of necropsy gloves)
- Coveralls or lab jacket

3. VEM5110 – Animal System I (four sections)

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

A. VEM5110A – Veterinary Endocrinology

Course Coordinator: [Dr. P. Cooke](#)

Required Text(s): Course Notes, SAVMA

Recommended Text(s): *Physiology*, Authors: Berne, Levy, Koepfen, & Stanton (6th ed.)

B. VEM5110B – Hematology & Immunology

Course Coordinator: [Dr. S. Kariyawasam](#)

Required Text(s):

- *Veterinary Immunology, an Introduction*, Author: Tizard (9th ed.)
- Course Notes, SAVMA

C. VEM5110C – Introduction to Ophthalmology

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

Required Text(s): Course Notes, SAVMA

Recommended Text(s): *Essentials of Veterinary Ophthalmology*, Author: Gelatt

- D. **VEM5110D** – Veterinary Neuroscience
Course Coordinator: [Dr. A. Mickle](#)
Required Text(s): Course Notes, SAVMA
4. **VEM5115** – Veterinary Histology and Embryology
Course Coordinator: [Dr. I. Hawkins](#)
Required Text(s): Course Notes, SAVMA
Recommended Text(s): *Color Atlas of Veterinary Histology*, Authors: Bacha & Bacha (3rd ed.)
5. **VEM5131** – Veterinary Molecular Biology
Course Coordinator: [Dr. D. Allred](#)
Required Text(s): Course Notes, SAVMA
Recommended Text(s): any current, high quality text on cellular and/or molecular biology
6. **VEM5150** – Veterinary Parasitology
Course Coordinator: [Dr. H. Walden](#)
Required Text(s):
 - *Veterinary Clinical Parasitology*, Authors: Zajac & Conboy
 - *Georgis Parasitology for Veterinarians*, Authors: Bowman & Saunders (2021, 11th ed.)
 - Course Notes, SAVMARecommended Text(s): *Veterinary Parasitology, a Reference Manual*, Author: Foryet (5th ed.)
7. **VEM5191**- Introduction to Veterinary Behavior
Course Coordinator: [Dr. M. Montgomery](#)
Required Text(s): Course Notes, SAVMA
Recommended Text(s):
 - *Clinical Behavioral Medicine for Small Animals*, Overall
 - *Blackwell's Five-Minute Veterinary Consult Clinical Companion: Canine & Feline Behavior*, Authors: Horowitz & Neilson
 - *Low Stress Handling, Restraint and Behavior Modification of Dogs & Cats*, Author: S. Yin
 - *Decoding Your Dog*, Editors: Horwitz & Ciribassi
8. **VEM5200**- Supervised Patient Care and Clinical Skills I
Course Coordinators: [Dr. J. Wuerz](#)
Recommended Text(s): *Essential Calculations for Veterinary Nurses and Technicians*, Author: T. Lake & N. Green (3rd ed.)