

DVM TEXTBOOK/EQUIPMENT LIST

FALL 2024 – Class of 2028

TEXTBOOKS

VM603 – Veterinary Science: Research and Methods – None

VM606 – Veterinary Immunology

HIGHLY RECOMMENDED:

- Basic Veterinary Immunology, 1st ed. Callahan & Yates. Univ. Press of Colorado, 2014 (ISBN: 9781607322184)

It is also recommended you get:

- The Immune System, 5th ed. Parham. W.W. Norton & Co., 2021 (ISBN: 9780393533354)

OR

- Veterinary Immunology, 10th ed. Tizard. Saunders, 2017 (ISBN: 9780393533354)

Other texts that may be helpful if you have access to them:

- Janeway's Immunobiology, 10th ed. Murphy, et al. W.W. Norton & Co., 2022 (ISBN: 9780393884890)
- Cellular and Molecular Immunology, 10th ed. Abbas et al. Elsevier, 2022 (ISBN: 9780323757485)

VM610 – Foundations of Veterinary Medicine I

REQUIRED:

- VIN Membership (free for students at VIN.com)

Recommended:

- Low Stress Handling, Restraint, and Behavior Modification of Dogs and Cats, Sophia Yin, 2009, CattleDog Publishing (ISBN: 9780964151840)
- Developing Communication Skills for Veterinary Practice 1st Edition, Jane Shaw & Jason Coe, 2024, Wiley-Blackwell (ISBN: 9781119382713)

VM616 – Functional Anatomy

REQUIRED:

- Dyce, Sack, and Wensing's Textbook of Veterinary Anatomy. 5th ed. 2017. Elsevier (ISBN: 9780323442640)
- DVM 616 Functional Anatomy Notes by Dr. Anna Fails
 - These notes will be available for download on Canvas the first day of class. It is required you print these out and have them spiral bound, or in a 3-ring binder. There are several worksheets and diagrams that will need to be filled out throughout the course.

HIGHLY RECOMMENDED:

- Dorland's Illustrated Medical Dictionary
 - The most updated version is the 33rd edition (ISBN: 9781455756438), but any edition will be okay. This is a book that you will refer to throughout your professional career as well as in school.
- Guide to the Dissection of the Dog. 8th edition, Saunders (ISBN: 9780323391658)
 - UAF has a copy for each student that can be signed out, but you will need your own if you intend to mark up the pages

The students will be provided with gloves, scalpel blades but need a basic veterinary dissection kit (see listing under “Required Equipment/ Supplies”). For gross anatomy lab students are required to wear close toed waterproof shoes. They will be provided with a smock to protect their clothes and eye protection when necessary.

VM618 – Physiology

RECOMMENDED

- Guyton & Hall’s Textbook of Medical Physiology. 14th edition. 2020. Elsevier. (ISBN: 978-0323597128)
- Cunningham’s Textbook of Veterinary Physiology. 6th edition. 2019. Saunders. (ISBN: 978-0323552271)
- Professor’s Note: “There are several atlases in the ‘library’ in the Vet Med office available for student reference (not available for check-out). These will most likely be sufficient for student needs. However, if you would like your own copy, please read below.
 - Any histology atlases/texts that you currently own would work. Atlases/texts are helpful for those new to histology. Bacha & Bacha is very helpful short term as a good set of images for study. Gartner/Hiatt is a human medical text with images and is helpful long term. Dellman’s has more information that you will need but is useful for those who would like to go more in depth. Older versions are recommended and may be found on Amazon for a very reasonable price.
 - Dellmann’s Textbook of Veterinary Histology. 6th edition. 2007. Wiley Blackwell. (ISBN: 9780781741484)

AND EITHER

- Bacha & Bacha’s Color Atlas of Veterinary Histology, 3rd edition. Wiley Blackwell. (ISBN: 9780470958513)

OR

- Gartner and Hiatt’s Color Atlas and Text of Histology, 6th edition, 2013 Lippincott, Williams & Wilkins. (ISBN: 9781451113433)

REQUIRED EQUIPMENT AND SUPPLIES (These will be used in multiple courses across all 4 years of your education)

1. **Lab Smock** – your smock will be supplied by the CSU Dean’s Office and coordinated by VetText.
 - This is the lab coat you get at the coating ceremony at the end of CSU’s orientation.
 - **You need to order this** by filling out the [New Student Survey](#) from the [New D.V.M. Students](#) site. **If you have not filled out the survey yet, please do so ASAP**
2. **Blue Embroidered Clinic Smock – optional while at UAF**
 - This smock is not required at UAF but will be required once you transition to CSU for activities during Foundations, and for any activities in the Veterinary Teaching Hospital.
 - If you choose to get one now, these smocks may be purchased at VetText
 - [Embroidered Scrub Top](#)
 - [Embroidered Smock Clinical Jacket](#)

3. Timepiece with a second hand

- Wristwatch **OR**
- Timer that clips to stethoscope
- *A cell phone is NOT considered an acceptable timepiece*

4. Digital Thermometer

5. Surgical Scrubs

6. Coveralls

- Due to extreme variation in temperature, you may want non-insulated coveralls as well as insulated coveralls and jacket for when outdoor temperatures are below your comfort zone

7. Rubber boots

- Must be washable and easily disinfected. You may want to get insulated rubber boots for when outdoor temperatures are below your comfort zone.
- Please note that CSU has specific requirements about rubber boots that do not apply to students at UAF. However, they will apply once you move to CSU for your 3rd year.

8. Dissection Kit containing: Mayo Scissors Straight 6-1/2", Metzenbaum Scissors Curved 5-1/2", Rat Tooth Forceps, Brown Adson Forceps, Dissection Probe, Kelly Hemostats Straight 5-1/2", Mayo Hegar Needleholders, Scalpel Handle #3 and Pouch

<https://vettextrsupply.org/collections/supplies/products/dissection-kit-with-zip-case>

9. Stethoscope

- A stethoscope will be needed for activities during Foundations as well as any activities in the Veterinary Teaching Hospital at CSU, and will be used almost daily throughout your professional career. Stethoscopes are available online
- For CSU, they recommend the following tips for choosing a stethoscope:
 - Any good quality (cardiology) Littman or Tycos stethoscope, two examples below:
 - [Littman Master Cardiology](#)
 - [Littman Cardiology IV](#)
 - Regardless of manufacturer:
 - Tubing length 22" (longer tubing attenuates the sounds)
 - Must have both diaphragm and bell (or tunable chest piece to provide equivalent)
 - Dual tubing contained within a single tube
 - **Avoid:**
 - triple headed chest piece
 - electronic enhancement
 - inexpensive, or basic stethoscopes (they often can't hear smaller species heartbeats)