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Terms and Abbreviations

ABLE = Application Based Learning Exercise
AC = Assessment Committee
ACVIM = American College of Veterinary Internal Medicine
AVMA COE = American Veterinary Medical Association Council on Education
AWE = Avian, Wildlife, and Exotics
CC = Curriculum Committee
CVF = Christian Veterinary Fellowship
ECCS = Emergency and Critical Care Society
FAFSA = Free Application for Federal Student Aid
GPA = Grade point average
IVSA = International Veterinary Students Association
LGVMA = Lesbian and Gay Veterinary Medical Association
MPH = Master in Public Health
NAVLE = North American Veterinary Licensing Examination
ODS = Office of Disability Services
SASET = Small Animal Surgery Emergency Team
SAVE = Student Alliance of Veterinarians for the Environment
SCAAEP = Student Chapter of the American Association of Equine Practitioners
SCAVMA = Student Chapter of the American Veterinary Medical Association
SVECCS = Student Chapter of the Veterinary Emergency and Critical Care Society
UT = University of Tennessee
UTCVM = University of Tennessee College of Veterinary Medicine
VBMA = Veterinary Business Management Association
VBOT = Veterinary Bookstore of Tennessee
VMC = Veterinary Medical Center
WAVMA = World Aquatic Veterinary Medical Association

All qualified applicants will receive equal consideration for employment and admissions without regard to race, color, national origin, religion, sex, pregnancy, marital status, sexual orientation, gender identity, age, physical or mental disability, or covered veteran status. Eligibility and other terms and conditions of employment benefits at The University of Tennessee are governed by laws and regulations of the State of Tennessee, and this non-discrimination statement is intended to be consistent with those laws and regulations. In accordance with the requirements of Title VI of the Civil Rights Act of 1964, Title IX of the Education Amendments of 1972, Section 504 of the Rehabilitation Act of 1973, and the Americans with Disabilities Act of 1990, The University of Tennessee affirmatively states that it does not discriminate on the basis of race, sex, or disability in its education programs and activities, and this policy extends to employment by the University. Inquiries and charges of violation of Title VI (race, color, and national origin), Title IX (sex), Section 504 (disability), ADA (disability), Age Discrimination in Employment Act (age), sexual orientation, or veteran status should be directed to the Office of Equity and Diversity (OED), 340 Melrose Avenue, Knoxville, TN 37996-3560, telephone (865) 974-2498. Requests for accommodation of a disability should be directed to the ADA Coordinator at the Office of Equity and Diversity.
Dean’s Welcome Statement

The University of Tennessee (UT) is a land grant university with strong ties to agriculture. Whereas UT was established in 1794, the College of Veterinary Medicine is not nearly as old, having only been founded in 1974. Since our establishment, the college has educated and trained 2,425 competent veterinarians.

While we take great pride in our medical and biomedical discoveries, our true gift to veterinary medicine has been our teaching excellence. The faculty and staff work hard to ensure you are provided a comprehensive, pre-clinical medical background before providing you opportunities to develop your clinical competencies for your future success as a clinician. Although the veterinary degree program is challenging, you will experience great support from your professors, staff, fellow students, and the college administration. You will form great friendships as you make this professional journey, friendships that will last a lifetime.

All of you have worked hard to arrive at the University of Tennessee’s College of Veterinary Medicine (UTCVM). Professional school is quite different from your undergraduate education. You will come to know your classmates well as you work through the four years of education together. Make sure you work hard to learn, but please also take time from the academic rigors of the program to nurture yourself and your friendships with others. We expect you to work hard, and we will do the same to help you reach your goal of becoming a truly outstanding veterinarian. We will act professionally, and we expect you to do the same. We take pride in teaching you because you are our future professional colleagues, and your success will always be attributed in some part to your time at UTCVM. There will be many hours of class lectures and laboratories and many clinical rotations to complete, but the journey is a special one that will be made better by all of us working together toward a common goal.

We are happy to have you here.

James P Thompson, DVM, PhD
The Veterinarian’s Oath

Being admitted to the profession of veterinary medicine, I solemnly swear to use my scientific knowledge and skills for the benefit of society through the protection of animal health and welfare, the prevention and relief of animal suffering, the conservation of animal resources, the promotion of public health, and the advancement of medical knowledge.

I will practice my profession conscientiously, with dignity, and in keeping with the principles of veterinary medical ethics.

I accept as a lifelong obligation the continual improvement of my professional knowledge and competence.
Our Values

Quality
We strive for continuous quality improvement, individually and collectively, in all that we do.

Creativity and Innovation
We apply new concepts, ideas, and creative approaches to improve teaching, service, research, and college operations.

Commitment
Understanding the interdependence of our actions, we are therefore committed to the success of the college and each other.

Teamwork
We acknowledge that everyone’s contribution is important. Working together, we place the mission of the college first and align our contributions, whether individual or in teams, toward that end.

Compassion
Recognizing the role of veterinary medicine in society, we will always strive to reach our goals with compassion for our patients, clients, and one another.

Integrity
We conduct ourselves with honesty and integrity, recognizing that upholding the public trust requires the highest standards of moral and ethical conduct.

Diversity
We promote racial, cultural, and gender diversity and equality to strengthen all program and service areas of the college to ensure maximum integration with the community and world we serve.

Professionalism
We honor our role in teaching, service, and research by valuing the principles and spirit of veterinary medical ethics.
Marks of Professionalism

Guidelines for Professional Behavior at UTCVM

It is understood that standards of professionalism are an important characteristic of the veterinary professional curriculum and the academic performance of professional veterinary students. As such, satisfactory professional conduct is assessed throughout the veterinary curriculum and is a requirement for graduation. The Academic Progress Committee decides remedial and disciplinary actions for students with deficiencies.

Preamble: Given that students, staff, and faculty are partners in the educational mission of the college, we accept the following as guidelines for professional conduct within the College of Veterinary Medicine community.

1. Professionals are committed to EXCELLENCE and strive to perform their best at all tasks. Professionals continuously strive for the acquisition of knowledge and development of skills necessary to provide optimal animal and human health care.

2. Professionals exhibit high MORAL and ETHICAL STANDARDS.

3. Professionals act with COMPASSION for self and others and demonstrate a high regard for animal life and welfare.

4. Professional conduct themselves with PRIDE, DIGNITY, and ALTRUISM, placing the needs of their patients, clients, and colleagues above their own personal gain.

5. Professionals treat others with RESPECT and COURTESY, showing respect for diverse backgrounds and opinions, and restraining from derogatory comments about others. Professionals communicate with their colleagues, clients, and the public so as to merit their full confidence and respect.

6. Professionals act with RESPONSIBILITY, showing respect for institutional policy, performing tasks as expected, and being accountable for their actions. Professionals maintain a working environment that reflects cleanliness and respect for property. Their appearance, behavior, and dress reflect favorable on their profession.

7. Professionals act with HONESTY and INTEGRITY, preparing thorough medical records and conveying accurate information to clients and other members of the medical team.

8. Professionals are TRUSTWORTHY and are prepared and prompt for daily activities.

9. Professionals exhibit COLLEGIALITY, performing with a pleasant, cooperative, and positive demeanor.

10. Professionals act with CONFIDENTIALITY in their relationships with patients, clients, and colleagues.

University of Tennessee Honor Statement

"An essential feature of The University of Tennessee is a commitment to maintaining an atmosphere of intellectual integrity and academic honesty. As a student of the University, I pledge that I will neither knowingly give nor receive any inappropriate assistance in academic work, thus affirming my own personal commitment to honor and integrity."
# 2017–2018 Academic Calendar

## Fall Semester 2017

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<th>Event</th>
<th>Dates</th>
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<td>Tennessee Welcome/White Coat</td>
<td>Wednesday–Friday, August 16–18</td>
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<tr>
<td>Classes Begin</td>
<td>Wednesday, August 23</td>
</tr>
<tr>
<td>Labor Day (No classes)</td>
<td>Monday, September 4</td>
</tr>
<tr>
<td>Fall Break (No classes)</td>
<td>Thursday–Friday, October 5–6</td>
</tr>
<tr>
<td>Thanksgiving Break</td>
<td>Thursday–Friday, November 23–24</td>
</tr>
<tr>
<td>Classes End</td>
<td>Tuesday, December 5</td>
</tr>
<tr>
<td>Study Day</td>
<td>Wednesday, December 6</td>
</tr>
<tr>
<td>Exam Period</td>
<td>December 7, 8, 11, 12, 13, &amp; 14</td>
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## Spring Semester 2018

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<td>Interviews</td>
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<tr>
<td>MLK Holiday (No Classes)</td>
<td>Thursday–Saturday, January 12, 13, &amp; 14</td>
</tr>
<tr>
<td>Spring Break</td>
<td>Monday, January 15</td>
</tr>
<tr>
<td>Spring Recess (No classes)</td>
<td>Friday, March 30</td>
</tr>
<tr>
<td>Open House</td>
<td>Saturday, April 7</td>
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<tr>
<td>Scholarship Celebration</td>
<td>Thursday, April 12</td>
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<tr>
<td>Scrubbin' In Ceremony</td>
<td>Thursday, April 19</td>
</tr>
<tr>
<td>First Day of Clinics Class of 2018</td>
<td>Monday, April 23</td>
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<tr>
<td>Classes End</td>
<td>Friday, April 27</td>
</tr>
<tr>
<td>Study Day</td>
<td>Monday, April 30</td>
</tr>
<tr>
<td>Exam Period</td>
<td>May 1, 2, 3, 4, 7, &amp; 8</td>
</tr>
<tr>
<td>Senior Graduation Practice/Lunch</td>
<td>Monday, May 7</td>
</tr>
<tr>
<td>Senior Banquet</td>
<td>Friday, May 11</td>
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<tr>
<td>Commencement Ceremony</td>
<td>Saturday, May 12 – 10 a.m.</td>
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Introduction

Information related to the process of veterinary education, specifically within the veterinary curriculum, is to be provided for all veterinary students. This professional student handbook does not deviate from established university Graduate School policies noted in the Graduate Catalog, but rather specifies ways in which those policies are administered. Some policies of the professional program vary from the Graduate School and are identified within this College of Veterinary Medicine Student Handbook.

Purpose of Handbook

Professional veterinary students are expected to be aware of and satisfy all regulations governing their work and study at the university. However, since not all aspects of graduate and professional study can be included here, students are urged to consult the following resources:

- Graduate Catalog (http://catalog.utk.edu/index.php)
- Hilltopics (http://hilltopics.utk.edu/)

Admission

Each year, the University of Tennessee College of Veterinary Medicine (UTCVM) admits approximately 85 applicants (60 in-state residents and 25 out-of-state residents) to the 4-year program for the doctorate in veterinary medicine. Students prepare for the professional veterinary curriculum by taking 3 to 4 years of pre-veterinary course requirements as undergraduates.

Qualifications

A candidate must have completed the minimum pre-veterinary course requirements as listed at the time of matriculation.

- All pre-veterinary course requirements must be completed by the end of the spring term of the year in which the student intends to matriculate.
- All prerequisite courses must be completed with a grade of C or better.
- Pre-veterinary course requirements may be completed at any accredited college or university offering courses equivalent to those at the University of Tennessee, Knoxville.

For a full list of pre-veterinary course requirements, see https://vetmed.tennessee.edu/admissions/Pages/admissions-process.aspx.

The GRE General Test is also required to be considered for admission.

Application Information

Submission deadline: September 15, 2017, 12 a.m. midnight EST

Application process: All applicants (resident and non-resident) must apply through the Veterinary Medical College Application Service (VMCAS). The VMCAS web-based application will be available online at https://portal.vmcas.org/.

Students are strongly encouraged to apply early to avoid online transmission congestion.
Application information packets may also be obtained from College of Veterinary Medicine, University of Tennessee, 2407 River Drive, Room A104C, Knoxville, TN 37996-4550.

Full application information is available at https://vetmed.tennessee.edu/admissions/Pages/admissions-process.aspx.

Selection Procedure

Selection of applicants is a three-phased process and is normally completed by mid-January.

- **Phase One Evaluation:** Academic Review (includes GPA calculations and GRE scores)
- **Phase Two Evaluation:** Holistic Admissions Packet Review (applications reviewed by a team of 3 faculty members)
- **Phase Three Evaluation:** Non-academic evaluation and interview. Each applicant selected for Phase Three Evaluation will be interviewed during a single meeting with members of the college faculty. Each interview team member scores the applicant independently.

For more information on evaluation criteria, visit https://vetmed.tennessee.edu/admissions/Pages/admissions-process.aspx.

Attendance & Participation

Within a professional curriculum, the greatest value in the learning experience occurs when all students attend lectures and engage with the instructor in a classroom discussion. UTCVM policy does not mandate lecture attendance for all classes, but it is certainly expected. Each instructor is free to require mandatory lecture attendance as part of the grading process of their individual classes. Instructors may lecture capture course content, which can be reviewed by absent students or as a study aid. There is no policy to require lecture capture of academic materials. Students are always responsible for obtaining all material and assignments from every scheduled curricular activity whether present or not. Instructors have the sole authority to administer unannounced examinations during lectures or laboratories. Instructors may also, at any time, assess and record individual student attendance; course grades for those students who are absent without legitimate reason may be reduced by a half-letter grade for each instructional period for which an absence occurs. Instructors may define a more strict attendance policy for their course as they deem appropriate, but they must inform students of this policy at the beginning of the course.

Attendance in laboratories is required. Students must attend their assigned sections and subsections. To avoid an absence of an individual laboratory session, a student may request attendance at an alternative section. They must first request permission of instructor in charge of the laboratory prior to the scheduled time to make such a change. If a student must miss a laboratory due to a legitimate reason, the student must notify the instructor in charge of the laboratory as soon as possible prior to the laboratory to arrange a potential make-up. Regrettably, most laboratories or case discussions cannot be made up. In these instances, a grade reduction for missed material may be applied.

There are four categories of acceptable leave – leave forms are in the appendix (BDS; General, LACS, & SACS):

**Excused Absences**

- **Health related** – Absence due to illness, essential doctor appointment, or care of immediate family member
- **Funeral leave/bereavement** – For an immediate family member or very close friend/relative
- **Religious observance** – Religious holidays not scheduled by the university should be planned in advance with the Associate Dean for Academic Affairs and instructor
- **Essential academic activity** – These are for those receiving awards or scholarships at ceremonies they must attend or those presenting a scientific paper or abstract. Faculty are
expected to manage these students as they would for an illness or unavoidable issue like an automobile accident. Excused absence provides some protection of the student regarding faculty expectations.

Approved Leave
In this instance, it is agreed the leave is in keeping with values of the veterinary educational experience, and the student has approval to go if granted by the instructor. The student is expected to get all information and make up missed content. The instructor may choose not to provide extra time or materials to aid in make-up. Approved leave places the burden on the student but encourages faculty to be supportive within reason.

Unapproved Leave
This leave is of minimal value to the veterinary educational experience, though it may have relevance (go to a dog show or the Equine Olympics) or may not have relevance (run the Boston Marathon with a friend).

Assignments
This aspect of the curriculum is at the discretion of the instructor.

Externship Attendance
Students are expected to attend and satisfactorily complete all externship responsibilities. Should a student miss a half or full externship day, the student may be issued an incomplete grade and be asked to return to the externship to complete the missed clinical education; supervising clinicians have the flexibility to issue a grade to these students should they feel the student has demonstrated acceptable clinical competence. In some instances, supplementary assignments may be recommended, again at the discretion of the supervising clinician. Students who miss more than 1 day during a clerkship will receive an incomplete grade; the clerkship grade and university credit will not be issued until the student has satisfactorily completed the equivalent time missed.

General Duties and Responsibilities of Faculty and Professional Students

Guidelines for Faculty

Atmosphere for Teaching and Learning
It is important that the faculty member create from the beginning, and preserve, an atmosphere conducive to learning. Both instructor and student should feel they have come together in the common cause of the pursuit of learning. Faculty members should ensure their students are progressing through their course of study in a timely fashion.

Conducting a course
It is the instructor’s responsibility to organize class material as efficiently and effectively as possible at the beginning of each term of instruction. At the beginning of the semester, faculty members will distribute to students the syllabus (a template may be found here: https://vetmed.tennessee.edu/academics/Documents/UTCVM%20Syllabus%20Template.docx) that makes clear the basis of the final grade with regard to the value placed on each component of the course. The faculty member should set an example for all students in being faithful in attendance and punctual in starting and ending classes. Students should be informed of all planned absences as early as possible.
In presenting course content, the faculty member should endeavor at all times to adhere to his or her subject; the classroom should not be used as a theater for expression of personal views that are not germane to the course.

Guidelines for Students

Commitment to the Program
Students are expected to fully participate in all curricular activities.

Adequate Preparation
With regard to learning, students have the responsibility to seek the information necessary to participate in classroom activity. Students must accept responsibility for adequate preparation for each class, arrive at all classes able and willing to interact through classroom participation, testing, writing, in-class exercises, and other methods used by the instructor. Basic to these activities is the need for students to employ appropriate resources, as assigned by the instructor, such as textbooks, other supplies, and outside reading materials.

Satisfying University Requirements
It is the students’ responsibility to be aware of and follow guidelines, schedules, and deadlines provided by the DVM program, the UT Graduate School, the university, and its instructors. All responsibilities must be satisfied in a timely fashion.

3 + 1 Students
It is the student’s responsibility to request the Associate Dean for Academic Affairs and the UTCVM Registrar provide a letter of satisfactory completion of the 1st and 2nd terms in fulfillment of their 3 + 1 requirements for a bachelor’s degree from Maryville College or the University of Tennessee.

Expectations of Veterinary Students

Code of Conduct
A professional approach to learning, including prompt class attendance, attentive behavior during classes and laboratories, and respectful interpersonal interactions, is expected from students. Behavior associated with all examinations/assignments fall under the regulations of the University of Tennessee Student Code of Conduct.

Basic Expectations
Basic expectations of students include attendance, preparation, participation, professionalism, and respect. Much of the instruction that makes up the professional curriculum is conducted in UTCVM lecture halls and laboratories. It is the responsibility of the students to ensure that the environment for learning is as close to optimal as possible. Conduct that interferes with the opportunity of other students to hear or view a presentation cannot be tolerated. Instructors have the authority to remove offending students from the classroom or lab. Students are not permitted to bring personal pets or children into the lecture room theater or laboratory classroom.

Professional Dress Guidelines
All members of the UTCVM community, including faculty, staff and students, are expected to uphold university, state, and applicable federal guidelines regarding appropriate and safe dress in the workplace. Many dress guidelines are designed to protect you and the community from contaminants, health hazards, and potential disease outbreaks.

Additionally, because the UTCVM buildings are public areas and subject to visits and tours from many clients and other visitors, your appearance reflects on the college, the university, and the veterinary profession. A positive professional image is vitally important for maintaining the public support and caseload needed for your position or your education.

While respecting a diversity of styles, opinions, and interpretations regarding dress, the following are guidelines for student, staff, and faculty dress in major areas of the college and Veterinary Medical
Center. Please communicate with your peers, supervisor, or supervising instructor if you have questions or need clarification about these guidelines. More defined guidelines of professional dress are available within each department and limit facial piercings, exposed tattoos, and unnatural hair coloring.

**General Guidelines:**

I. Visible identification of college personnel is important so that others can learn your name and so that unauthorized individuals in the building can be more readily recognized. NAME TAGS MUST BE WORN AT ALL TIMES.

II. Dress should always reflect a neat, clean, and professional appearance. Please be aware that professional dress may vary among individuals, but does not resemble the casual clothing you might wear at home or during recreational activities, or the fashionable or revealing clothing you may choose for social settings.

III. Coveralls, protective boots, and laboratory coats must be removed before entering food preparation or eating areas, such as the P.O.D.

IV. For public safety reasons and professional reputation, hospital attire (surgical scrubs, lab coats, large animal protective clothing, etc.) should not be worn outside the Veterinary Medical Center or Joe Johnson Animal Research and Teaching Unit.

V. Proper footwear (closed toe shoes that sufficiently protect the feet) should be worn in all hospital areas and laboratories where animals, animal tissues, biohazards, or sharp objects are present.

VI. Surgical attire is designed to protect the sterile environment of the operating suites. Within the sterile surgical area, scrubs are worn along with protective caps, masks, and shoe covers. Surgical scrubs must be covered by a buttoned, full-length laboratory coat or coveralls at all times outside the operating suite, and are not considered proper attire for the classroom. Scrub tops that may be worn for technical work, large animal duties, or non-operating room procedures must be clearly distinguishable from surgical scrubs by color or pattern.

VII. In addition to the specific guidelines given below, departments, diagnostic laboratories, and teaching laboratories may maintain and communicate additional clothing and footwear requirements for certain areas, classes, or teaching exercises. Specific areas:

VIII. Diagnostic and Teaching Laboratories

   a. Gloves and laboratory coats are required in areas with biohazards or radioactive materials (includes anatomy and parasitology laboratories).

   b. Splash goggles are required when a biohazard splash hazard is present.

   c. Appropriate footwear should be worn in all laboratories.

   d. Protective eyewear may be required in areas with laser hazards.

IX. Small Animal Clinical Sciences

   a. Clean, white clinic jacket or lab coat over clean neat clothes to consist of a shirt (collared) and trousers for men or dress, slacks, skirt and blouse for women is required. Clean, appropriate, closed-toe shoes are required (no sandals).

   b. Individuals in the anesthesia and surgery services may wear surgical scrubs under a buttoned white lab coat. This attire cannot be worn outside the hospital area.

   c. Surgical footwear will include shoe covers in the areas designated sterile.

   d. On weekends and during emergency duty, appropriate professional dress is expected when there is contact with clients or visitors.

   e. Sweat pants and shirts, hats, casual T-shirts, shorts, and casual (faded, worn, or ripped) jeans are unacceptable attire in the Small Animal Hospital and departmental office during regular clinic hours or when clients are being seen.
X. Large Animal Clinical Sciences
   a. Students should wear proper hospital attire during all official hospital activities, including seeing clients, treating patients, participating in rounds, etc. Weekend and emergency activities are included.
   b. Protective outerwear in a large animal hospital is important for protecting your health and the health of your animals at home and other people in the community. Dress is also important in contributing to a professional image for our hospital.
   c. Routine dress includes khaki work pants with heavyweight scrub top (or coveralls) and work shoes or boots.
   d. Clean surgical scrubs must be available and readily accessible for surgical procedures at all times.
   e. For field services activities, clean coveralls and rubber boots are required. An extra pair of coveralls should be available at all times.
   f. Coveralls, shoes, and boots must be either clean or removed anytime one leaves the animal areas to enter other areas of the veterinary buildings.

XI. Necropsy
   a. Clean short-sleeve coveralls and clean boots are to be worn on the necropsy floor. Boots must be easy to clean and disinfect. Boots with laces, clips, or stitching will not be allowed on the floor.
   b. No underclothing should be exposed. Do not wear T-shirts, sweatshirts, or long-sleeved clothing that will project beyond the coveralls or be visible at the neck.
   c. Coveralls should not be worn home or in other areas of the hospital. If coveralls are dirty or contaminated, it is best to place them in a plastic bag and take them to the laundry.
   d. Individuals with long hair need to use some method to keep hair away from contaminated areas (surgical cap, braid or ponytail placed under the overalls).
   e. Remove bracelets and watches. Do not bring pens into the necropsy area.

Prepared by the OEE and approved by Executive Committee, Fall 2006.

Professional Curriculum

Degree Requirements
The curriculum of the UTCVM is a 9-semester, 4-year program. Each class begins in August and graduates 3 years and 9 months years later in May. The first 6 semesters generally follow the traditional fall and spring enrollment with a summer break following semesters 2 and 4. The final year of the professional curriculum begins immediately following semester 6 and is a continuous clinical rotation experience extending over 54 consecutive weeks.

Development of a strong basic science foundation is emphasized in the first year. Courses consist mostly of pre-clinical subjects including anatomy (gross and microscopic), physiology, immunology, bacteriology, virology, and parasitology. Also included in the first year are clinical subjects of physical diagnosis and epidemiology. Considerable integration of subject matter is incorporated during this year. A focus on personal and professional success through financial planning, business knowledge, one health, and personal health management begins in the first year and continues through the following 6 semesters.

The second and third years include the study of diseases, their causes, diagnosis, treatment, and prevention, and courses are team-taught on an organ system basis. Students must successfully complete
all core didactic courses in the first 3 years. Electives are offered beginning in the spring of second year and continue throughout the remaining semesters. Beginning in 2018, elective offerings will occur in the spring of the first year.

The final year (3 semesters) is devoted to intensive education in solving animal disease problems and involves extensive clinical experience in the Veterinary Medical Center (VMC). Each student will participate in clinical rotations in the VMC and in required externships (preferably off-campus).

Innovative features of the DVM curriculum include 6 weeks of student-centered, small group, applied learning exercises in semesters 1 through 5; three weeks of dedicated clinical experiences in the VMC in semesters 3 through 5; and elective course opportunities in semesters 4 through 9, which allow students to focus on individual educational/career goals. Students enrolled in the DVM program may register for up to 10 hours of graduate courses, and these hours will be credited toward the DVM. Elective study offers a unique educational alternative for students in the UTCVM and is intended to enhance professional growth, concentration in an area of interest, and career opportunities. Opportunities for advanced studies include dual participation in the DVM curriculum via the dual DVM/PhD program, DVM/MS program, or the Master of Public Health program. Each of these study plans can be found in the Graduate Catalog or online:

- **DVM/MPH**: [http://publichealth.utk.edu/degree-programs/mph/vph/](http://publichealth.utk.edu/degree-programs/mph/vph/)
  - Contact Dr. Marcy Souza: msouza@utk.edu
- **DVM/PhD**: [https://vetmed.tennessee.edu/research/Pages/Graduate_Program.aspx](https://vetmed.tennessee.edu/research/Pages/Graduate_Program.aspx)
  - Contact Dr. Steven Kania: skania@utk.edu
  - Contact Dr. Lannett Edwards (Dept of Animal Science): jedwards@utk.edu

In addition to education in the science and art of veterinary medicine, students receive instruction in subjects such as student success and wellness, medical communication, professional ethics, jurisprudence, economics, and practice management.

The curriculum requires successful completion of 165 credit hours.

In preparation for licensing in the field, the North American Veterinary Licensing Examination (NAVLE) should be taken in the final year, during the winter (November/December) test window. Should candidates fail to successfully pass the examination at this time, a second opportunity is offered during a spring (April) window, in order to be eligible to receive licensure to practice veterinary medicine.

**Class Schedules**

Class schedules for all veterinary students are prepared and distributed through the UTCVM Office of the Associate Dean for Academic Affairs at the beginning of each semester. Since an attempt is made to optimize the use of limited resources and time, a uniform weekly schedule is not always possible. Thus, the distributed schedule includes each day of the semester, indicating the course and room for each period. To allow ready use of the college lecture halls, the schedules for first- through third-year courses conform to the following timing of class periods. Elective courses and surgical labs may sometimes fall during the noon lunch hour.
### UTCVM Class Times

<table>
<thead>
<tr>
<th>Class Period</th>
<th>Meeting Time</th>
</tr>
</thead>
<tbody>
<tr>
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</tr>
<tr>
<td>2</td>
<td>9:00 am - 9:50 am</td>
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<tr>
<td>3</td>
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<tr>
<td>4</td>
<td>11:00 am - 11:50 am</td>
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<tr>
<td>5 (Lunch)</td>
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<tr>
<td>9</td>
<td>4:00 pm - 4:50 pm</td>
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<tr>
<td>10</td>
<td>5:00 pm - 5:50 pm</td>
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## Professional Curriculum

### Year 1

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<thead>
<tr>
<th>Term</th>
<th>Course No.</th>
<th>Course Name</th>
<th>Credit Hours</th>
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<tbody>
<tr>
<td><strong>Fall</strong></td>
<td></td>
<td></td>
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</tr>
<tr>
<td></td>
<td>VMD 801</td>
<td>Application-Based Learning Exercise (ABLE) I</td>
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<tr>
<td></td>
<td>VMD 811</td>
<td>Infection &amp; Immunity II (Bacteriology/Mycology)</td>
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<td>VMD 812</td>
<td>One Health, Wellness, &amp; Ethics I</td>
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<td>VMD 813</td>
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<td>VMD 814</td>
<td>Clinical Correlations &amp; Ethics</td>
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<td>VMD 821</td>
<td>Veterinary Anatomy I (All SA)</td>
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<td>VMD 831</td>
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<td><strong>Spring</strong></td>
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<td></td>
<td>VMD 802</td>
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<td>VMD 815</td>
<td>Infection &amp; Immunity III (Virology)</td>
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<td>VMD 826</td>
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<td>VMD 833</td>
<td>Epidemiology/ Evidence-Based Medicine</td>
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<td>VMD 873</td>
<td>Infection &amp; Immunity IV (Parasitology)</td>
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<td>Term</td>
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<td>VMD 804</td>
<td>ABLE IV &amp; Clinical Exposure (CE) I</td>
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<td>VMD 832</td>
<td>Anesthesiology</td>
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<td>Principles &amp; Practice of Surgery</td>
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<td>VMD 836</td>
<td>Toxicology</td>
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<td>VMD 839</td>
<td>One Health, Wellness, &amp; Ethics III</td>
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<td>VMD 851</td>
<td>Urinary System</td>
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<td>VMD 861</td>
<td>Pharmacology I</td>
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<td>VMD 871</td>
<td>General Pathology</td>
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<td>VMD 888</td>
<td>Clinical Pathology</td>
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<td>VMD 805</td>
<td>ABLE V &amp; CE II</td>
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<td>VMD 845</td>
<td>Veterinary Nutrition</td>
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<td>Endocrine System</td>
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<td>Nervous System</td>
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<td>One Health, Wellness, &amp; Ethics IV</td>
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<td>Advanced Veterinary Pharmacology I</td>
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<td>VMD 868</td>
<td>Introduction to Animal Behavior</td>
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<td>Term</td>
<td>Course No.</td>
<td>Course Name</td>
<td>Credit Hours</td>
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<td>Fall</td>
<td>VMD 800</td>
<td>One Health, Wellness, &amp; Ethics V</td>
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<td>VMD 806</td>
<td>ABLE VI &amp; CE III</td>
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<td>VMD 837</td>
<td>Zoonoses &amp; Food Hygiene</td>
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<td>VMD 841</td>
<td>Reproductive System</td>
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<td>VMD 846</td>
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<td>VMD 852</td>
<td>Cardiovascular System</td>
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<td>VMD 854</td>
<td>Respiratory System</td>
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<td>VMD 855</td>
<td>Radiology</td>
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<td>VMD 865</td>
<td>Advanced Veterinary Pharmacology II</td>
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<tr>
<td>Spring</td>
<td>VMD 840</td>
<td>Integumentary System (Dermatology)</td>
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<td>VMD 843</td>
<td>Musculoskeletal System I (Small Animal)</td>
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<td>VMD 844</td>
<td>Musculoskeletal System II (Large Animal)</td>
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<td>VMD 864</td>
<td>Infectious Diseases</td>
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<td>VMD 874</td>
<td>Oncology</td>
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<td>VMD 876</td>
<td>One Health, Wellness, &amp; Ethics VI</td>
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<td>*</td>
<td>Elective IV</td>
<td>1 to 3</td>
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<tr>
<td></td>
<td>VMD 890</td>
<td>Transition &amp; Accreditation Seminars</td>
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### Year 4 – Clinical Curriculum (Summer, Fall, & Spring)

Required Core Rotations/Courses: 31 credit hours (weeks)

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<tr>
<th>Course No.</th>
<th>Course Name</th>
<th>Credits</th>
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<tbody>
<tr>
<td>VMD 838</td>
<td>Clinical Rotation in Pathology</td>
<td>3</td>
</tr>
<tr>
<td>VMD 847</td>
<td>Clinical Rotation in Radiology</td>
<td>3</td>
</tr>
<tr>
<td>VMD 870</td>
<td>Clinical Rotation in Anesthesiology</td>
<td>3</td>
</tr>
<tr>
<td>VMD 881</td>
<td>Clinical Rotation in Small Animal Medicine</td>
<td>3</td>
</tr>
<tr>
<td>VMD 882</td>
<td>Clinical Rotation in Small Animal Community Practice</td>
<td>3</td>
</tr>
<tr>
<td>VMD 883</td>
<td>Clinical Rotation in Small Animal Soft Tissue Surgery</td>
<td>3</td>
</tr>
<tr>
<td>VMD 891</td>
<td>Clinical Rotation in Equine Medicine</td>
<td>3</td>
</tr>
<tr>
<td>VMD 892</td>
<td>Clinical Rotation in Farm Animal Medicine and Surgery</td>
<td>3</td>
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<tr>
<td>VMD 893</td>
<td>Clinical Rotation in Farm Animal Field Service</td>
<td>3</td>
</tr>
<tr>
<td>VMD 898</td>
<td>Externship (off-campus educational experience)</td>
<td>2-3</td>
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<tr>
<td>VMD 899</td>
<td>Externship (off-campus educational experience)</td>
<td>2-8</td>
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**Elective Rotations/Courses: 19 credit hours (weeks) selected by the student**

<table>
<thead>
<tr>
<th>Course No.</th>
<th>Course Name</th>
<th>Credits</th>
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<tbody>
<tr>
<td>VMD 803</td>
<td>Advanced Pathology</td>
<td>2-3</td>
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<tr>
<td>VMD 807</td>
<td>Advanced Anesthesia</td>
<td>2-3</td>
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<tr>
<td>VMD 809</td>
<td>Advanced Small Animal Medicine</td>
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<tr>
<td>VMD 810</td>
<td>Advanced Dermatology</td>
<td>2-3</td>
</tr>
<tr>
<td>VMD 818</td>
<td>Shelter Medicine</td>
<td>2-3</td>
</tr>
<tr>
<td>VMD 828</td>
<td>Small Animal Nutrition/Behavior</td>
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<tr>
<td>VMD 834</td>
<td>Spay/Neuter</td>
<td>2-3</td>
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<tr>
<td>VMD 838</td>
<td>Pathology</td>
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<td>VMD 847</td>
<td>Radiology</td>
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<tr>
<td>VMD 848</td>
<td>Bovine Production Medicine</td>
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<tr>
<td>VMD 850</td>
<td>Avian &amp; Exotics</td>
<td>2-3</td>
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<tr>
<td>VMD 859</td>
<td>Cardiology</td>
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<tr>
<td>VMD 860</td>
<td>Dermatology</td>
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<tr>
<td>VMD 863</td>
<td>Oncology</td>
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<td>VMD 866</td>
<td>Ophthalmology</td>
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<td>VMD 869</td>
<td>Neurology</td>
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<td>VMD 870</td>
<td>Anesthesiology</td>
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<tr>
<td>VMD 872</td>
<td>Small Animal Orthopedic Surgery and Physical Rehabilitation</td>
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<tr>
<td>VMD 880</td>
<td>Small Animal Emergency Medicine</td>
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<td>VMD 881</td>
<td>Small Animal Internal Medicine</td>
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<td>VMD 882</td>
<td>Small Animal Community Practice</td>
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<tr>
<td>VMD 883</td>
<td>Soft Tissue Surgery</td>
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<td>VMD 884</td>
<td>Zoo Medicine</td>
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<tr>
<td>VMD 886</td>
<td>Theriogenology</td>
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<tr>
<td>VMD 889</td>
<td>Equine Performance &amp; Rehab</td>
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<tr>
<td>VMD 891</td>
<td>Equine Medicine</td>
<td>2-3</td>
</tr>
<tr>
<td>VMD 892</td>
<td>Farm Animal Medicine/Surgery</td>
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<tr>
<td>VMD 893</td>
<td>Farm Animal Field Service</td>
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<tr>
<td>VMD 894</td>
<td>Equine Surgery</td>
<td>2-3</td>
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<td>VMD 895</td>
<td>Large Animal Emergency Medicine</td>
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<td>VMD 896</td>
<td>Equine Field Service</td>
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<td>VMD 878</td>
<td>Elective Clinical Rotation I(Special topics)</td>
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<tr>
<td>VMD 879</td>
<td>Elective Clinical Rotation II (Special topics)</td>
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<tr>
<td></td>
<td>Vacation (4 weeks)</td>
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</table>
Course Descriptions

VMD 800 – One Health, Wellness, and Ethics V
1 Credit Hour. Develop essential non-technical skills needed for veterinary professional competence. A continuation of VMD 858. Advanced training in communication, leadership, business management, ethical decision making, and health-related behavior skills.

Grading Restriction: Satisfactory/No Credit grading only.

VMD 801 – Application-Based Learning Exercise (ABLE) I
1 Credit Hour. ABLEs are application-based learning exercises, in which students work together in small groups and follow through a simulated case, using problem-based learning techniques. They receive sequential information from a facilitator and come up with learning issues, facts, mechanisms and problems throughout the week trying to solve the diagnostic case. There is an expectation to integrate basic science and clinical material.

Grading Restriction: Satisfactory/No Credit grading only.

VMD 802 – Application-Based Learning Exercise (ABLE) II
1 Credit Hour. ABLEs are application-based learning exercises, in which students work together in small groups and follow through a simulated case, using problem-based learning techniques. They receive sequential information from a facilitator and come up with learning issues, facts, mechanisms and problems throughout the week trying to solve the diagnostic case. There is an expectation to integrate basic science and clinical material.

Grading Restriction: Satisfactory/No Credit grading only.

VMD 803 – Advanced Pathology
2–3 Credit Hours. Advanced anatomic pathology training, including gross postmortem examination and histopathology of biopsy specimens.

Repeatability: May be repeated. Maximum 3 hours.

VMD 804 – Application Based Learning Exercise (ABLE) and Clinical Exposure I
2 Credit Hours. ABLEs are application-based learning exercises, in which students work together in small groups and follow through a simulated case, using problem-based learning techniques. They receive sequential information from a facilitator and come up with learning issues, facts, mechanisms and problems throughout the week trying to solve the diagnostic case. There is an expectation to integrate basic science and clinical material.

Grading Restriction: Satisfactory/No Credit grading only.

VMD 805 – Application Based Learning Exercise (ABLE) and Clinical Exposure II
2 Credit Hours. ABLEs are application-based learning exercises, in which students work together in small groups and follow through a simulated case, using problem-based learning techniques. They receive sequential information from a facilitator and come up with learning issues, facts, mechanisms and problems throughout the week trying to solve the diagnostic case. There is an expectation to integrate basic science and clinical material.

Grading Restriction: Satisfactory/No Credit grading only.

VMD 806 – Application Based Learning Exercise (ABLE) and Clinical Exposure III
2 Credit Hours. ABLEs are application-based learning exercises, in which students work together in small groups and follow through a simulated case, using problem-based learning techniques. They receive sequential information from a facilitator and come up with learning issues, facts, mechanisms and problems throughout the week trying to solve the diagnostic case. There is an expectation to integrate basic science and clinical material.

Grading Restriction: Satisfactory/No Credit grading only.
VMD 807 – Advanced Veterinary Anesthesiology
2–3 Credit Hours. Clinical training and additional medical responsibilities with complex anesthesia patients.
Repeatability: May be repeated. Maximum 6 hours.

VMD 808 – Advanced Diagnostic Imaging
2–3 Credit Hours. Advanced training in diagnostic image acquisition and interpretation, including exposure to the advanced imaging modalities of computed tomography and magnetic resonance imaging.
Repeatability: May be taken once for credit.

VMD 809 – Advanced Small Animal Medicine
2–3 Credit Hours. Clinical training in diagnosis and treatment of disease and medical problems of small animals.
Repeatability: May be repeated. Maximum 6 hours.

VMD 810 – Advanced Veterinary Dermatology
2–3 Credit Hours. Advanced clinical training in diagnosis and treatment of skin diseases of small and large animals.
Repeatability: May be repeated. Maximum 4 hours.

VMD 811 – Infection and Immunity II – Bacteriology and Mycology
3 Credit Hours. The course covers fundamental aspects of microbiology and cell biology relative to pathogenesis of bacterial and fungal diseases of animals, including antimicrobial actions and mechanisms of bacterial resistance. The course introduces students to a broad array of bacterial and fungal taxa with emphasis on general approaches to diagnosis, treatment, and prevention of diseases.

VMD 812 – One Health, Wellness, and Ethics I
1 Credit Hour. Develop essential non-technical skills needed for veterinary professional competence. Areas covered include communication, leadership, business management, ethical decision-making, and health-related behavior skills. Students learn skills in medical academic achievement, personal finance management, stress management, career paths in veterinary medicine, communication, and leadership needed in effective teamwork and the basics of mental health in the veterinary setting.
Grading Restriction: Satisfactory/No Credit Grading only.

VMD 813 – Infection and Immunity I – Immunology
2 Credit Hours. This course provides an overview of the immune system of mammals. The first part of the course discusses the basics of immunology. There is a focus on the development and function of lymphocytes, the crux of the specific immune response. Immune effector mechanisms, both specific and nonspecific, are covered. The second part of the course focuses on clinical applications of immunology, including immune-mediated diseases, immunodeficiencies, immunity to infection, diagnostic testing, and vaccines.

VMD 814 – Clinical Correlations and Ethics I
1 Credit Hour. Correlations between basic science material from concurrent courses and practice of veterinary medicine. Thoughts on a wide spectrum of current veterinary ethical issues are discussed.

VMD 815 – Infection and Immunity III – Virology
2 Credit Hours. This course will provide an overview of viruses of veterinary importance. Areas covered include viral terminology, how viruses spread and replicate, how they cause disease, and how they are controlled. General concepts as well as individual virus families are included.
The goal of this course is to develop a working knowledge of viruses in order to make sense of immunology, pathology, diagnostics, therapeutics, epidemiology and epizootiology, preventive medicine and control. This course enhances the understanding of the role of viruses in veterinary and human medicine, including common diseases, foreign diseases, and zoonoses.

VMD 816 – Clinical Correlations and Ethics II

1 Credit Hour. The objective of this class is to provide pertinent clinical information to enhance the learning of the material being covered in the other courses being concurrently studied by freshman veterinary students, such as anatomy, virology, parasitology, and physiology. Visiting lecturers will provide information about clinical cases, situations, or topics. Most classes will be interactive, and student input is encouraged.

VMD 817 – One Health, Wellness, and Ethics II

1 Credit Hour. Develop essential non-technical skills needed for veterinary professional competence. A continuation of VMD 812; communication, leadership, business management, ethical decision-making skills, and health-related behavior skills. Students learn skills in medical academic achievement, personal and business finance, stress management, career paths in veterinary medicine, communication, and leadership needed in effective teamwork and the basics of mental health in the veterinary setting. Successive courses in this series teach advanced skills.

Grading Restriction: Satisfactory/No Credit grading only.

VMD 818 – Shelter Medicine

2–3 Credit Hours. Clinical training in shelter medicine and surgery, which includes the epidemiology, diagnosis, and treatment of diseases in populations of small animals, primarily dogs and cats.

VMD 819 – Clinical Rotation in Small Animal Integrative Medicine and Wellness

2–3 Credit Hours. Clinical experience in combining conventional therapies and complementary medical modalities as a holistic approach to wellness, including the prevention and treatment of disease in small animals.

Repeatability: May be repeated. Maximum 4 hours.

VMD 821 – Veterinary Anatomy I

4 Credit Hours. Lectures, laboratories, and demonstrations are used in an integrated approach to the study of macroscopic (gross) clinically relevant anatomy, including neuroanatomy and embryology of common domestic animals. Dissections of embalmed specimens, prosections, plastinated specimens, and radiographs of common domestic species (canine and feline) are examined for comparative purposes.

VMD 822 – Veterinary Anatomy II

4 Credit Hours. Lectures, laboratories, and demonstrations are used in an integrated approach to the study of macroscopic (gross) clinically relevant anatomy, including neuroanatomy and embryology of common domestic animals. Dissections of embalmed specimens, prosections, plastinated specimens, and radiographs of common domestic species (equine, bovine, ovine, caprine and porcine) are examined for comparative purposes.

VMD 823 – Physiology I

4 Credit Hours. Introduction to concepts and problems in veterinary physiology that form the basis for clinical applications and for formal training in pharmacology, medicine, pathology, and surgery. The first semester of physiology includes basic cell physiology, body fluid compartments, basic neurophysiology, the autonomic nervous system, cardiovascular physiology, the physiology of blood, and respiratory physiology. The course also includes in-class demonstrations that support and emphasize the practical and or experimental importance of topics covered in lecture.

VMD 824 – Physiology II

4 Credit Hours. Introduction to concepts and problems in veterinary physiology that form the basis for
clinical applications and for formal training in pharmacology, medicine, pathology, and surgery. The second semester of physiology includes gastrointestinal physiology, basic endocrinology, reproductive physiology, renal physiology, and advanced neurophysiology (posture, movement, and special senses). The course also includes in-class demonstrations that support and emphasize the practical and/or experimental importance of topics covered in lecture.

VMD 825 – Advanced Veterinary Anatomy I
2 Credit Hours. This course uses a combination of lectures and laboratories to teach embryology and the microscopic anatomy (histology) of organ systems in common domestic animals. The relationships of the structures to their functions are highlighted. This course focuses on the basic components of all organ systems (epithelia, connective tissue, muscle etc.).

VMD 826 – Advanced Veterinary Anatomy II
2 Credit Hours. This course uses a combination of lectures and laboratories to teach the microscopic anatomy (histology) of organ systems in common domestic animals. The relationships of the structures to their functions are highlighted. This course focuses on how the basic components from Advanced Veterinary Anatomy I (VMD 825) combine to form specific organ systems (gastrointestinal tract, urinary tract, special senses etc.).

VMD 827 – Beef Cow-Calf Summer Institute Elective
2 Credit Hours. An intensive 2-week field experience in production management of beef cow-calf operation, in partnership with Virginia Tech. Content focuses on the beef cattle industry, beef production, herd health reproductive performance, genetics, financial management, and critical thinking skills.

Repeatability: May be repeated with consent of the instructor. Maximum 4 hours.

VMD 828 – Small Animal Nutrition and Animal Behavior
2-3 Credit Hours. Clinical training in small animal veterinary nutrition and behavior. Students divide their time between the clinical nutrition and behavior services in the Veterinary Medical Center.

Repeatability: May be repeated. Maximum 4 hours.

VMD 829 – Special Studies in Veterinary Medicine
1-8 Credit Hours. Specially-designed studies for students in novel special-interest topics and/or for students participating in self-directed learning environments. Topics are unique and not associated with standard core rotations or elective topics within the veterinary or MPH curriculum.

Grading Restriction: Satisfactory/No Credit Grading only.
Repeatability: May be repeated for a maximum of 16 hours.

VMD 830 – Clinical Rotation in Swine Medicine Production
2–6 Credit Hours. Clinical training program in swine production medicine at the Swine Medical Education Center at Iowa State. Students will train in an on-farm setting in swine production, management, consultation, pharmacology, and PRRSV diagnosis and management.

Repeatability: May be repeated. Maximum 6 hours.

VMD 831 – Physical Diagnosis
1 Credit Hour. Physical Diagnosis presents information about basic animal restraint, safe interaction with common pet and livestock species, physical examination techniques, administration of medications, specimen collection, and breed differentiation as used by veterinarians.

VMD 832 – Anesthesiology
2 Credit Hours. Principles of anesthesiology: pharmacology of anesthetic agents, and introduction to anesthetic techniques in veterinary medicine.

This is a core course within the veterinary curriculum to teach the basic principles of veterinary anesthesia. This course introduces students to the art and science of veterinary anesthesia, teaches the
basic pharmacokinetics and pharmacodynamics of anesthetic drugs and common indications and contraindications for their use; the basic structure and function of anesthetic machines, circuits, and monitoring equipment; the importance of adequate monitoring and support of patients under anesthesia and the skills required to monitor and support anesthetized patients; and introduces the concepts of pain recognition and various methods to provide analgesia.

VMD 833 – Epidemiology and Evidence Based Medicine
2 Credit Hours. This course provides an overview of epidemiological concepts necessary to practice evidence-based medicine. The course covers basic concepts of infectious disease epidemiology, disease causation, epidemiological study designs, and concepts necessary to understand the usefulness of diagnostic tests and effectiveness of clinical therapies.

VMD 835 – Principles and Practice of Surgery
2 Credit Hours. Principles of veterinary surgery: aseptic technique, patient and surgeon preparation, control of surgical hemorrhage and infection, and general operating room procedures. Proper methods of tissue handling, surgical instrumentation, and selection of suture materials and suturing patterns. Pathophysiology of surgical and accidental wounds, wound healing and management.

VMD 836 – Toxicology
2 Credit Hours. Principles of toxicology, molecular mechanisms, pathologic processes, and clinical features of animal diseases caused by common toxic agents.

VMD 837 – Food Hygiene and Zoonoses
2 Credit Hours. This course focuses on the role veterinarians play in public health. Topics covered include food inspection, safety and security of milk, eggs, poultry, meat and seafood, as well as food-borne zoonoses. Animal bites and the epidemiology of zoonoses associated with domestic and wild animals are also discussed.

VMD 838 – Clinical Rotation in Pathology
3 Credit Hours. Clinical training in post-mortem examination and laboratory diagnostics, including clinical pathology, introductory histopathology of biopsy specimens, microbiology, and parasitology.

VMD 839 – One Health, Wellness, and Ethics III
1 Credit Hour. Develop essential non-technical skills needed for veterinary professional competence. A continuation of VMD 817. Advanced training in communication, leadership, business management, ethical decision-making, and health-related behavior skills.

Grading Restriction: Satisfactory/No Credit grading only.

VMD 840 – Integumentary System
3 Credit Hours. This course covers dermatological diseases of animals including pathomechanisms of disease, diagnostic approach, and treatment. Laboratories consist of both hands-on and case discussion formats. Most of the course focuses on dogs and cats; however, several lectures are dedicated to equine and farm animal dermatoses.

VMD 841– Reproductive System
3 Credit Hours. Pathogenesis, diagnosis, pathology, medical and surgical treatment, prevention of, and relevance to production of diseases of the male and female reproductive systems are discussed. All domestic species, including bovine, equine, ovine, caprine, porcine, canine and feline, are included.

VMD 842 – Alimentary System
4 Credit Hours. This course integrates basic concepts that have been learned in parasitology, clinical pharmacology, gastrointestinal physiology, anatomy, and clinical pathology with the basic concepts of clinical medicine and surgery related to the alimentary system. Students will develop an understanding of the clinical signs, pathophysiology, diagnosis, and management of common gastrointestinal diseases.
affecting companion animals and food-producing animals. An introduction to basic surgical techniques will be taught.

VMD 843 – Musculoskeletal System I
3 Credit Hours. Pathophysiology, clinical description, and basic treatment modalities of common diseases and conditions of skeletal system of small animals: development of basic diagnostic and treatment skills.

VMD 844 – Musculoskeletal System II
3 Credit Hours. This course is designed to provide students basic information related to the diagnosis, treatment, and management of common musculoskeletal problems encountered in large animals. It is not the intent to cover all conditions but instead to provide a basic understanding of function related to the musculoskeletal system and the veterinarian’s role in care of functional abnormalities. In order to recognize the abnormal, one must have an appreciation for the normal. This information will be provided through videos, slide/lecture presentations, and hands-on laboratory participation.

VMD 845 – Veterinary Nutrition
2 Credit Hours. Principles of nutrition, and nutrition of animals in health and disease. Applied nutrition relating to individual small or large animal patients or to herd situations.

VMD 846 – Multispecies Medicine
2 Credit Hours. Anatomy, pathophysiology, medicine, and surgery of avian species, laboratory and zoo animals, and reptiles. Species and diseases seen by practicing veterinarians. Current topics on foreign animal diseases.

VMD 847 – Clinical Rotation in Radiology
3 Credit Hours. Clinical training in radiographic techniques and interpretation, including ultrasonography.

VMD 848 – Clinical Rotation in Bovine Production Medicine
2 Credit Hours. Teaches techniques and procedures used by veterinarians in modern dairy and beef cattle production practice. Course includes travel and overnight stay at various production facilities. Training includes data analysis and use of common reproductive and productivity software. Students will participate in developing productivity plans, disease surveillance, and herd health maintenance programs.

Repeatability: May be repeated with consent of the instructor. Maximum 8 hours.

VMD 849 – One Health
2 Credit Hours. Online course addresses the link between human, animal, and environmental health. Each online module focuses on some aspect of “One Health” and may include topics such as emergency preparedness, zoonotic diseases, antibiotic resistance and food safety, responsible pet ownership and the human-animal bond, and the effects of climate on disease prevalence. Methods of intervention and problem solving, such as research design, program evaluation, community education, and policy analysis, are also incorporated.

VMD 850 – Avian and Zoological Medicine and Surgery
2–3 Credit Hours. Clinical training in the diagnosis and treatment of diseases of avian and exotic animals and native wildlife.

Repeatability: May be repeated. Maximum 4 hours.

VMD 851– Urinary System
3 Credit Hours. The overall objective of this course is to provide students the basic pathophysiologic mechanisms, clinical signs, treatment, and prognosis of urinary disease in small and large animals. With this information, students should be able to recognize and logically work through small and large animal clinic cases and generate a list of differential diagnoses and a management plan, and indicate a prognosis. The course is taught by clinical faculty who are specialists in the topics that they teach. The
topics are divided into sections that include a review of urinary physiology, introduction to diuretics, upper and lower urinary tract diseases of small animals, surgical procedures of the urinary tract in small animals, upper and lower urinary tract diseases of large animals, surgical procedures in large animals, and pathology of the urinary system.

VMD 852 – Cardiovascular System
2 Credit Hours. Covers the principles of cardiac diseases (physiology, pathology) to give a basis for understanding specific cardiac disorders. The course includes lectures on cardiac diseases and their recognition and treatment. It also includes laboratories, which include case studies, hands-on examination of horses and clinical patients with heart diseases, heartworm diagnostic lab, and pathology lab with heart specimens. The goal is to teach students to be able to recognize, diagnose, and treat common cardiac problems in veterinary patients.

VMD 853 – Endocrine System
2 Credit Hours. This course is designed to help students gain a thorough understanding of the pathophysiology, diagnosis, and treatment of endocrine and related metabolic disorders in small and large animals. Students will learn to integrate history and physical examination in assessing the likelihood of differing diseases, understand and apply the principles of endocrine testing to successfully diagnose and manage endocrine diseases, and develop problem-solving skills based on historic findings, physical abnormalities and clinicopathological findings. Material will be provided through slides/lecture presentations and case-based laboratories.

VMD 854 – Respiratory System
2 Credit Hours. This course provides information on the pathophysiology, pathology, diagnosis, and treatment of respiratory diseases in small animal, equine, and food and fiber animal species. Students will develop the knowledge and diagnostic skills necessary to identify the respiratory system as a potential cause of a patient’s symptoms, use physical and other forms of diagnosis to localize the problem to a particular portion of the respiratory system, develop a problem list and subsequent list of differential diagnoses, logically arrive at a definitive diagnosis, and have a basic understanding of treatment and supportive care for patients with respiratory disease. The student will learn to relate pathologic changes to the physiology and clinical diagnosis and treatment of respiratory diseases.

VMD 855 – Radiology
3 Credit Hours. The initial portion of the course gives an overview of the basic principles and physics of diagnostic radiology. The remaining majority of the course focuses on development of skills necessary for interpretation of radiographs of veterinary patients using the roentgen sign approach through lectures, auto-tutorials, and lab exercises. The course is divided into sections on diagnostic radiology physics and radiation safety, small animal orthopedic radiology, large animal orthopedic radiology, and neuroradiology, as well as thoracic, cardiac, general abdominal, gastrointestinal tract, and urogenital radiology. The goal of the course is to develop entry-level skills in diagnosis of clinically relevant problems using radiographs. The course assumes a basic knowledge of normal radiographic anatomy.

VMD 856 – Special Senses
2 Credit Hours. This course includes both lecture and laboratory sessions to study ocular disease in domestic animals. Ocular diagnostic methods as well as medical and surgical therapies for a variety of eye diseases are described. The entire eye, from eyelids to retina, are covered. Most of the course focuses on the dog, but some lectures on the cat and large animals are also included.

VMD 857 – Nervous System
3 Credit Hours. Pathophysiology, special pathology, medicine and surgery of diseases of the nervous system in small and large animals: clinical neurology and neuropathology.

VMD 858 – One Health, Wellness, and Ethics IV
1 Credit Hour. Develop essential non-technical skills needed for veterinary professional competence. A continuation of VMD 839. Advanced training in communication, leadership, business management,
ethical decision-making, and health-related behavior skills.
Grading Restriction: Satisfactory/No Credit grading only.

VMD 859 – Veterinary Cardiology
**2–3 Credit Hours.** Clinical training in the diagnosis and treatment of cardiovascular diseases of small and large animals.
Repeatability: May be repeated. Maximum 4 hours.

VMD 860 – Veterinary Dermatology
**2–3 Credit Hours.** Clinical training in diagnosis and treatment of skin diseases of small and large animals.

VMD 861 – Pharmacology I
**2 Credit Hours.** Principles of pharmacokinetics and pharmacodynamic properties of veterinary drugs; mode of action and pharmacologic effects, including important metabolic aspects, chemical and physical properties, side effects (toxicities), and clinical application.

VMD 862 – Advanced Veterinary Pharmacology I
**0.5 Credit Hours.** Continuation of 861 Modes of action, pharmacologic effects, and clinical application of drugs to control specific disease conditions.

VMD 863 – Veterinary Oncology
**2–3 Credit Hours.** Clinical training in the diagnosis, treatment, and prevention of cancer in companion animals.
Repeatability: May be repeated. Maximum 6 hours.

VMD 864 – Infectious Diseases
**2 Credit Hours.** This course will cover some of the major infectious diseases of domestic animals. Pathogens will include viruses, bacteria, and fungi. The first part of the course will cover diseases of dogs and cats, the second part will cover equine diseases, third part will cover food animal diseases, and the last section will cover a few diseases of exotic animals. The topics will be covered on a systems basis, e.g. diseases of feline upper respiratory tract, etc. The emphasis will be on pathogenesis of each organism. Discussions will also include nature of the agent, clinical signs, diagnosis, treatment, and epidemiology and control.

VMD 865 – Advanced Veterinary Pharmacology II
**0.5 Credit Hours.** Continuation of VMD 862: Modes of action, pharmacologic effects, and clinical application of drugs to control specific disease conditions.

VMD 866 – Veterinary Ophthalmology
**2–3 Credit Hours.** Clinical training in diagnosis and treatment of ocular diseases of small and large animals.
Repeatability: May be repeated. Maximum 4 hours.

*VMD 867 – Special Problems in Comparative Medicine
**1-8 Credit Hours.** Extramural and specially designed study for students interested in select topics in avian medicine, laboratory animal medicine, zoo animal medicine, epidemiology, public health, pharmacology or toxicology.
Repeatability: May be repeated. Maximum 14 hours

VMD 868 – Introduction to Animal Behavior
**1 Credit Hour.** This course is a discussion of normal and abnormal behaviors in domestic animals. Behavior modification, psychoactive medication, and non-pharmaceutical behavioral therapeutics in cats, dogs, and horses are heavily emphasized through lectures, laboratories, and case discussions. Species-
specific behavior problems and the role of behavior in assessing animal welfare will also be discussed.

VMD 869 – Veterinary Neurology
2–3 Credit Hours. Clinical training in the diagnosis and treatment of medical and surgical diseases of the nervous system in small animals.
Repeatability: May be repeated. Maximum 4 hours.

VMD 870 – Anesthesiology
2–3 Credit Hours. Clinical training in sedation and anesthesia of companion animals, food animals, and horses. Direct responsibility for diagnosis, care, and treatment of clinical patients.
Repeatability: May be repeated. Maximum 6 hours.

VMD 871 – General Pathology
3 Credit Hours. This course includes lectures that explain and give examples of the underlying mechanisms common to most diseases, such as reversible and irreversible cell injury, mineralization, pigments, protein misfolding, circulatory disturbances, inflammation, neoplasia, and genetic diseases. There are laboratories that use microscope slides, virtual microscope slides, and gross specimens to help students to understand, recognize, describe, and interpret the lesions associated with these processes.

VMD 872 – Small Animal Orthopedic Surgery and Physical Rehabilitation
1–3 Credit Hours. Clinical training in the diagnosis and treatment of small animal musculoskeletal conditions, and physical rehabilitation.
Repeatability: May be repeated. Maximum 6 hours.

VMD 873 – Infection and Immunity IV – Parasitology
3 Credit Hours. Principles of parasitology: protozoology, helminthology, and entomology and relationship to diseases in animals.

VMD 874 – Oncology
2 Credit Hours. This course provides information about diagnosis and staging of common cancers in veterinary patients. Gives an overview of treatment options and general prognosis for patients with these cancers.

VMD 875 – Veterinary Ultrasonography
2–3 Credit Hours. Clinical training in ultrasonographic imaging techniques, evaluation, and interpretation of sonographic images in small animals.

VMD 876 – One Health, Wellness, and Ethics VI
1 Credit Hour. Develop essential non-technical skills needed for veterinary professional competence. A continuation of VMD 800, One Health, Wellness, and Ethics V. Advanced training in communication, leadership, business management, ethical decision making, and health-related behavior skills.
Grading Restriction: Satisfactory/No Credit grading only.

*VMD 877 – Special Problems in Pathology
1–8 Credit Hours. Extramural and specially designed study for students interested in select topics in morphologic pathology, clinical pathology, clinical microbiology, and parasitology.
Repeatability: May be repeated. Maximum 14 hours. Grading Restriction: Satisfactory/No Credit or letter grade.

VMD 878 – Elective Clinical Rotation I
1–3 Credit Hours. Special rotations in applied clinical education in Small Animal Clinical Sciences, Large Animal Clinical Sciences, Comparative Medicine, and Pathology. Novel experience not associated with required clinical rotations may be arranged.
Repeatability: May be repeated. Maximum 6 hours.

VMD 879 – Elective Clinical Rotation II

**1-3 Credit Hours.** Special rotations in applied clinical education in Small Animal Clinical Sciences, Large Animal Clinical Sciences, Comparative Medicine, and Pathology. Novel experience not associated with required clinical rotations may be arranged.

Repeatability: May be repeated. Maximum 6 hours.

VMD 880 – Small Animal Emergency Medicine

**2-3 Credit Hours.** Clinical training in identification and treatment of emergency medical and surgical conditions in small animals.

Repeatability: May be repeated. Maximum 6 hours.

VMD 881 – Clinical Rotations in Small Animal Clinical Sciences I (Small Animal Medicine)

**3 Credit Hours.** Clinical training in medicine, surgery and specialty disciplines for companion animals. Direct responsibility for diagnosis, care, and treatment of clinical patients.

VMD 882 – Clinical Rotations in Small Animal Clinical Sciences II (Community Practice)

**2-3 Credit Hours.** Clinical training in medicine, surgery, and specialty disciplines for companion animals. Direct responsibility for diagnosis, care, and treatment of clinical patients.

Repeatability: May be repeated. Maximum 6 hours.

VMD 883 – Clinical Rotations in Small Animal Clinical Sciences III (Small Animal Soft Tissue Surgery)

**2-3 Credit Hours.** Clinical training in medicine, surgery, and specialty disciplines for companion animals. Direct responsibility for diagnosis, care, and treatment of clinical patients.

Repeatability: May be repeated. Maximum 6 hours.

VMD 884 – Zoological Medicine

**2-3 Credit Hours.** Clinical training in husbandry, preventive medicine, and medical treatment of zoological species.

Repeatability: May be repeated. Maximum 4 hours.

VMD 885 – Clinical Rotation in Laboratory Animal Medicine

**2-3 Credit Hours.** Clinical training in laboratory animal medicine.

Repeatability: May be repeated. Maximum 6 hours.

VMD 886 – Clinical Rotation in Theriogenology

**2-3 Credit Hours.** Clinical training in veterinary theriogenology.

Repeatability: May be repeated. Maximum 6 hours.

*VMD 887 – Special Problems in Small Animal Clinical Sciences

**1-8 Credit Hours.** Extramural and specially designed study for students interested in select topics in medicine, surgery, anesthesiology, radiology, and medical specialties of small (companion) animals.

Repeatability: May be repeated. Maximum 14 hours. Grading Restriction: Satisfactory/No Credit or letter grade.

VMD 888 – Clinical Pathology

**3 Credit Hours.** The main objective of this course is to enable students to interpret routine laboratory data – to make logical deductions regarding the results of a complete blood count, coagulation profile, serum or plasma biochemistry, and urinalysis in pursuit of the diagnosis of disease in common domestic
species. Achieving this objective will require students to learn terminology and facts, and develop clinical reasoning skills.

VMD 889 – Equine Performance Medicine and Rehabilitation
**2-3 Credit Hours.** Clinical education in Equine Performance Medicine and Rehabilitation (EPR), including lameness diagnosis, advanced orthopedic surgery, podiatry, and rehabilitation of the equine.

VMD 890 – Transition and Accreditation Seminars
**2 Credit Hours.** Discussion of USDA, state, and local animal laws and regulations: preparation of animal movement forms, veterinary ethics, jurisprudence, basic practice management, and other topics involved in practice of veterinary medicine.

VMD 891 – Clinical Rotations in Large Animal Clinical Sciences I (Equine Medicine)
**2-3 Credit Hours.** Clinical training in medicine, surgery, specialty disciplines, and herd health of horses. Direct responsibility for diagnosis, care, and treatment of clinical patients.

Repeatability: May be repeated. Maximum 6 hours.

VMD 892 - Clinical Rotations in Large Animal Clinical Sciences II (Farm Animal Medicine and Surgery)
**3 Credit Hours.** Clinical training in medicine, surgery, specialty disciplines, and herd health of food animals. Direct responsibility for diagnosis, care, and treatment of clinical patients.

Repeatability: May be repeated. Maximum 9 hours.

VMD 893 – Clinical Rotations in Large Animal Clinical Sciences III (Farm Animal Field Service)
**3 Credit Hours.** Clinical training in medicine, surgery, specialty disciplines, and herd health of food animals. Direct responsibility for diagnosis, care, and treatment of clinical patients.

Repeatability: May be repeated. Maximum 6 hours.

VMD 894 – Equine Surgery
**2-3 Credit Hours.** Clinical training in the diagnosis and treatment of surgical conditions of the horse.

Repeatability: May be repeated. Maximum 6 hours.

VMD 895 – Large Animal Emergency Medicine & Critical Care
**2-3 Credit Hours.** Clinical training in the diagnosis and treatment of emergency medical and surgical conditions affecting large animals.

Repeatability: May be repeated. Maximum 4 hours.

VMD 896 – Clinical Rotation in Equine Field Services
**2-3 Credit Hours.** Clinical training in medicine, surgery, specialty disciplines, and herd health of horses. Direct responsibility for diagnosis, care and treatment of clinical patients.

Repeatability: May be repeated. Maximum 6 hours.

*VMD 897 – Special Problems in Large Animal Clinical Sciences
**1-8 Credit Hours.** Extramural and specially designed study for students interested in select topics in medicine, surgery, herd health, reproduction, radiology, and medical specialties of large animals.

Repeatability: May be repeated. Maximum 14 hours. Grading Restriction: Satisfactory/ No Credit or letter grade.

VMD 898 – Externship I
**2-3 Credit Hours.** Educational experiences in private practice, research facility, zoological preserve, aquarium, or other veterinary-related facility outside the Veterinary Medical Center, to provide
experiences not frequently available in large referral veterinary teaching hospitals.

Repeatability: May be repeated. Maximum 6 hours.

VMD 899 – Externship II

**2-6 Credit Hours.** Educational experiences in private practice, research facility, zoological preserve, aquarium, or other veterinary-related facility outside Veterinary Medical Center, to provide experiences not frequently available in large referral veterinary teaching hospitals.

Repeatability: May be repeated. Maximum 6 hours.

*867, 877, 887, 879 Electives*

VMD 867 (Comparative Medicine)

Clinical Microbiology Laboratory

**1 or 2 Credits Hours.** This course is tailored to meet individual students wanting advanced exposure to techniques and procedures of modern microbiology. Areas of study can involve bacteriology, mycology, virology, and/or immunology. Independent and directed work totaling 2-4 hours per week will be required.

Enrollment Minimum – None, Maximum – Variable. Instructor approval required. Spring.

Skeletal Modeling

**1 Credit Hour.** The purpose of the course is to build in the veterinary medical student a mental repository of 3-D perspectives of skeletal anatomy for use in the interpretation of diagnostic images, as well as for use in the execution of certain surgical procedures. Students are provided an experiential-based set of exercises in the sculpturing and modeling of selected bones in clay.


Study Abroad – Italy

**1–6 Credit Hours.** Academic and private practice experience.

Enrollment Minimum – None. Summer.

Supplemental Topics in Veterinary Anatomy

**2 Credit Hours.** Topics covered in this course include normal canine radiographic anatomy, gross anatomy of exotic species, feline gross anatomy, feline spay/neuter/declaw, and teratology. Exotic species that will be dissected include the snake, turtle, rabbit, pigeon, and ferret. Preserved portions of many other exotics will also be studied during laboratory sessions.

Enrollment Minimum – 2, Maximum – 6. Offered only to sophomores. Spring.

The Big Fix – Uganda Travel Abroad

**1–6 Credit Hours.** Students in this course will work with The Big Fix Uganda, an organization devoted to improving the lives of people and animals in Northern Uganda, an economically impoverished region. The work focuses on veterinary service and education, including spay/neuter, a T-N-R program for feral cats, rabies and parvo vaccinations, de-worming, tick and flea treatment, treatment of wounds and injuries, and removal of cancerous tumors. Education and engagement is through radio broadcasts, school visits, and one-on-one training with animal guardians to teach people about the importance of being kind to animals, how to prevent diseases, and how to groom and care for animals.

Enrollment Minimum – None. Summer.

VMD 877 (Pathology)

Advanced Ophthalmic Pathology

**1 Credit Hour.** This elective demonstrates and correlates the clinical, gross, and histologic findings of
various common ophthalmic conditions. The specific cases can be targeted to species interests of the enrolled students (i.e. emphasis on large, small, or exotic animals). Clinical and gross images as well as histology slides are made available for review and then discussed in detail during the sessions. This course is targeted to students with a strong interest in either ophthalmology or pathology.

Enrollment Minimum – 2, Maximum – 5. Offered only to juniors. Fall.

Diagnostic Cytology

2 Credit Hours. This course is constructed to provide students an opportunity to develop skills as diagnostic cytopathologists. The course is offered in a lecture/laboratory format with a moderate amount of student-led group discussion. The organization of this course supports student led study groups and faculty-led discussion. Students will work through the nine weekly slide modules and write an interpretive cytology report. The major objective of the class is to develop skills in diagnostic cytology and report interpretation. The textbook, Diagnostic Cytology and Hematology of the Dog and Cat, 3rd ed. (Mosby Elsevier), is on library reserve. Purchase is recommended (approximately $130) and will be a valuable clinical resource for your 4th year.

Enrollment Minimum – 5, Maximum – 30. Offered only to juniors. Spring.

Surgical Pathology

1 Credit Hour. The objective of this course is to introduce students to the joys of surgical pathology. Surgical biopsy specimens submitted from UTCVM and outside practitioners will be examined and discussed with a pathologist at the multi-headed microscope for 1 hour per week. Students will be taught to describe, diagnose, and review the literature regarding selected cases. The scope of this course will be determined by the case materials submitted to the surgical biopsy service.

Enrollment Minimum – 1, Maximum – 5. Offered only to juniors. Spring.

VMD 887 (Small Animal)

Advanced Companion Exotic Animal Medicine

1 Credit Hour. This class integrates information learned in VMD 846 Multispecies Medicine and applies it to clinical cases. The class consists of case presentations, radiographic presentations, lectures, and laboratories.

Offered only to juniors.

Advanced Diagnostic Imaging

2 Credit Hours. This course is designed to introduce students to imaging modalities and procedures not covered in VMD 855 Radiology and provides an introduction to CT, MR, and nuclear imaging. The course delivers basic understandings of the principles of imaging, knowledge of commonly performed procedures and their advantages and limitations, and educates students regarding when it is appropriate to request these advanced imaging studies.


Advanced Small Animal Clinical Nutrition

1 Credit Hour. This course provides in-depth discussion of nutritional management of common medical disorders, assisted feeding techniques, and formulation of homemade diets for dogs and cats. There are two laboratories: the first provides hands-on experience formulating diets using computer software and the second focuses on techniques for placing nasal, esophageal, and gastric feeding tubes.

Advanced Small Animal Orthopedics

2 Credit Hours. This course exposes students to basic small animal surgical orthopedics. The laboratory exercises include stifle and hip surgery, and fracture stabilization techniques using plates, external fixation splints, and pins. All exercises involve cadaver specimens with emphasis on surgical anatomy and proper use of orthopedic instruments and implants.

Enrollment Maximum – 12. Offered only to juniors. Spring.
Advanced Soft Tissue Surgery

**1 Credit Hour.** This course presents a variety of soft tissue surgery topics and procedures commonly performed on dogs and cats by private practitioners. Two surgical laboratories focus on the abdominal cavity, including intestinal, liver, and kidney biopsies; gastropexy; cystotomy; and other common procedures. Three or four cadaver laboratories focus on perineal, head, neck, and skin procedures, including urethrostomies, ear canal resections, skin flaps, anal sacculectomies, esophageal feeding tubes, and perineal hernia repair.

Enrollment Minimum – 6, Maximum – 30. Offered only to juniors. Spring.

Arthritis Case Manager Course

**1 Credit Hour.** This online course embraces the multimodal treatment of arthritis and provides an evidence-based approach to treatment options. Students learn the basic pathophysiology of osteoarthritis, common conditions causing osteoarthritis, appropriate methods to examination arthritic patients, and the various treatment options for osteoarthritis and their application to clinical patients.

Online. Offered only to juniors. Spring.

Aquatic Animal Health

**1 Credit Hour.** This elective introduces important and common diseases of aquatic invertebrates, fresh and marine water fish, aquatic birds, and marine mammals. The course, which includes a field trip to Ripley’s Aquarium of the Smokies, emphasizes husbandry aspects as they pertain to normal health and specific disease processes in aquatic animals.

Enrollment Minimum – 5, Maximum – 20. Offered only to juniors. Fall.

Cultural Influences on Animal Health Care

**1 Credit Hour.** This elective introduces veterinary students to cultural differences that may affect the receptiveness of pet owners to the veterinary medical care of their animals. The course will include seminars, field experiences, and class reading assignments. The elective will explore various cultures and groups, including underserved populations (elderly, homeless, disabled, low income) and cultures (Native American, Appalachian, Latino, and African American). In addition, we will learn about animal perspectives of several religions and veterinary care for animals of military families. Students will attend a wellness event for pets of homeless and low-income people as part of the elective.

Enrollment Minimum – 3, Maximum – 25. First choice to juniors. Fall, Spring.

Feline Medicine

**1 Credit Hour.** This elective covers multiple aspects of feline medicine to a greater degree than is presented in the core curriculum. Topics covered include internal medicine (infectious disease, endocrine disorders, respiratory disease etc.), cardiology, ophthalmology, nutrition, dermatology, analgesia and anesthesia, soft tissue and orthopedic surgery, oncology, and diagnostic imaging, as well as special considerations of exotic felids.

Enrollment Minimum – 5, Maximum – 30. Offered only to juniors. Fall

Giessen Veterinary Exchange-Germany

**1-6 Credit Hours.** Research and clinical exposure.

Enrollment Minimum – None. Summer.

Issues & Opportunities in Shelter Medicine

**1 Credit Hour.** Lectures and discussions on topics related to animal sheltering, geared towards helping the student understand and be able to become involved in animal shelter medicine in his or her community upon graduation. The student is expected to participate in at least 9 hours of clinical exposure at Young Williams Animal Center including dog adoption floor screening, community spay/neuter programs, animal intake – lost & found, animal adoptions, animal control, and veterinary clinic.

Mindfulness in Veterinary Medicine  
**1 Credit Hour.** This course teaches the basic principles, skills, and research regarding mindfulness practice in veterinary medicine. Students read and present salient research articles about the human effects of stress and attend experiential lab sessions where mindfulness techniques are practiced. The objective of this elective is to train veterinary students in mindfulness techniques for stress management, as well as for maintaining excellent practice in veterinary medicine.

Pain Management  
**1 Credit Hour.** This elective explores clinical pain and pain management with emphasis on typical veterinary clinical problems. Fundamentals of nociception and comparative algology underlie the focus on clinical pain relief. Nociceptive, procedural, postoperative, maladaptive, chronic, and cancer pain and related syndromes are addressed. Case scenarios and practical examples serve to reinforce the principles of pain management, including preemptive and balanced analgesia, and recognition of varying patient needs. We will discuss typical and atypical uses of the principle classes of analgesics, including NSAIDs, opioids, and local anesthetics, as well as adjunctive medications and non-drug methods of providing pain relief. A cadaver lab session provides for hands-on practice with regional and local techniques.

**Enrollment Minimum – 1, Maximum – None.** Offered only to sophomores. Spring.

Practice Management  
**1 Credit Hour.** Preparing new veterinarians for the business of their practice. Five primary focuses are trends in veterinarian industry, important decisions about working as an associate veterinarian, major decisions about buying into an existing practice, critical decisions about starting a new practice from scratch, and tools that a veterinarian may use to make the above decisions.

**Enrollment Minimum – 5.** Offered only to juniors. Spring.

Responsible Pet Ownership  
**1 Credit Hour.** This course provides veterinary students with a knowledge base and access to resource materials that will allow them to prepare and implement public education programs on various aspects of responsible pet ownership. Two of the purposes of this course are to: 1) provide the community with high quality programs on responsible pet ownership, and 2) to provide an opportunity for veterinary students to further develop their communication skills.

**Enrollment Minimum – 3, Maximum – None.** Spring.

Seminars in Zoological Medicine  
**1 Credit Hour.** This course covers advanced topics, including conservation, medicine, and surgery of captive and free-ranging reptiles and amphibians, with an emphasis on common species.

**Enrollment Minimum – 5, Maximum – 15.** Offered only to juniors. Spring.

Small Animal Clinical Practice Preceptorship  
**2-8 Credit Hours.** A 2-8 week structured preceptorship under the direction of approved small animal practices. Practice mentors provide an externship/preceptorship to rising junior students. The course develops student skills in history acquisition, physical examination, critical thinking, and problem-solving at the level appropriate to their training.

Students are required to log cases daily and complete an assigned workbook, later reviewing with their mentor in case rounds. This allows a significant level of self-determined learning of new case content. The workbook content is based off of chapter content from *Ettinger’s Textbook of Internal Medicine.*

**Offered only to sophomores. Summer.**

Small Animal Dental Education  
**1 Credit Hour.** This course is an intensive study of modern dentistry techniques for dogs and cats. Each online module stresses the importance of a thorough knowledge of canine and feline dental and paradental anatomy in the recognition and treatment of dental problems in dogs and cats. Clinical applications of anatomic information are used to reinforce important concepts.
Specific topics feature dental pathology, radiology, extractions, and periodontal disease.

Enrollment Minimum – 0, Maximum – 20. Instructor permission required. Online. Offered only to juniors. Fall.

Small Animal Emergency and Critical Care Elective

**1 Credit Hour.** This elective provides specific topics related to small animal emergency and critical care. The topics include, triage of the critically ill animal, cardiopulmonary resuscitation, transfusion medicine, acid/base abnormalities, and math for the emergency veterinarian. There is also a 3-hour lab focused on common emergency and critical care procedures, including central lines, nasogastric and esophageal feeding tubes, urinary catheters, and thoracostomy tubes.

Enrollment Minimum – 6, Maximum – 30. Offered only to juniors. Fall.

Small Animal Surgery, Spay/Neuter Clinic

**1 Credit Hour.** This course has major emphasis on students gaining hands-on experience in small animal surgery. Dogs and cats from a variety of humane animal shelters are brought to the surgery teaching facility once weekly for a sterilization procedure. The student acts in the capacity of a primary surgeon approximately 50% of the time. The remaining time is spent assisting classmates with surgery and anesthesia.

Enrollment Minimum – None, Maximum – 30. Fall, Spring.

Small Animal Ultrasound

**1 Credit Hour.** The course introduces students to basic diagnostic ultrasound imaging and common sonographic findings in a variety of diseases of small animals. Students acquire a basic knowledge of how diagnostic ultrasound is used in examination of the canine and feline heart and abdomen. Hands-on labs introduce the students to basic operation of a diagnostic ultrasound scanner using phantoms and live dogs. Students should be able to locate and identify the major structures of the heart and major organs of the abdomen in the normal dog at the end of the course. Students will be able to interpret normal and entry-level abnormal ultrasound images of the more common diseases of the small animal heart and abdomen.

Enrollment Minimum – 10, Maximum – none. Offered only to juniors. Spring.

The Science of Vision

**1 Credit Hour.** Students in this class will review journal articles pertaining to basic mechanisms underlying the visual process. Included will be studies on how the eye gathers and transmits light to the retina, the photochemistry of the retina, and comparative visual systems among different species.

Enrollment Minimum – 2, Maximum – 5. Offered only to juniors. Fall.

VMD 897 (Large Animal)

Bovine Palpation Team

**1 Credit Hour.** This is a course in reproductive physiology of cattle (male and female). Techniques and procedures used by veterinarians to determine pregnancy status in cattle will be taught 1 day each week (in a 3-to-4-hr block of time). Every week will include lecture (30 to 60 min) and lab (e.g. anatomy labs, palpation of tracts, and/or trans-rectal palpation of cattle) time. Lectures and labs may be taught at the Veterinary Research and Education Center (VREC) or Little River Dairy. Grades will be based on participation and performance on regularly scheduled knowledge- and practical-based examinations. If more than 10 individuals desire to enroll in the elective, a qualifying examination will be administered, and the students with highest grades will be enrolled. At the end of the elective, a knowledge- and practical-based examination will be administered to select students to compete in the SAVMA Bovine Palpation Competition (held annually in March or April).

Enrollment Minimum – 6, Maximum – 10. Offered only to juniors. Fall.

Camelid Medicine

**1 Credit Hour.** The goal of this course is to familiarize students with camelid handling, management,
their most common medical problems.


Case Discussion in Equine Internal Medicine
1 Credit Hour. This course: 1) incorporates information from other courses into discussions of equine internal medicine cases; 2) encourages the development of effective problem-solving skills by forcing students to make decisions regarding the management of cases; 3) provides instruction in areas of equine internal medicine that are only briefly discussed in other courses.

Enrollment Minimum – 8, Maximum – 25. Offered only to juniors. Spring.

Equine Dentistry
1 Credit Hour. This elective is designed to improve student knowledge in dental hygiene and disease in horses. It consists of a mixture of lectures and labs.


Equine Special Topics
1 Credit Hour. This elective is a series of lectures highlighting important information for the future equine practitioner. The information covered in these lectures is not covered in other courses or will cover topics in greater depth than in other areas of the curriculum. The goal of these classes is to assist new graduates in their day-to-day activities as an equine practitioner.

Enrollment Minimum –4, Maximum – None. Offered only to juniors. Fall, Spring.

Food Animal Production Medicine Elective
1 Credit Hour. This elective covers: 1) Introduction to production medicine, 2) mastitis, 3) internal/external parasite control, 4) update on toxicology in beef/ dairy cattle, 5) castration, implants, 6) general management of beef cattle, 7) anesthetic protocols in the field for surgeries in cattle, 8) BVD, 9) topics on food animal pharmacology, 10) swine management, 11) foot care, 12) breeding management program in beef/dairy cattle, 13) bioterrorism/ agro terrorism/biosecurity, 14) critical periods of nutrition in beef cattle and economics, and 15) dairy/beef health programs – vaccinations.

Enrollment Minimum – 8, Maximum – None. Offered only to juniors. Fall.

Introduction to Large Animal Ultrasound
1 Credit Hour. Students learn the basic techniques of ultrasound as a diagnostic tool in large animal veterinary medicine. The elective covers abdominal, thoracic, and tendon ultrasound techniques, along with ultrasound of swellings, masses, etc. The students learn the basics of the ultrasound machine and will be able to use the different types of machines available.

Enrollment Minimum – None, Maximum – 12. May not be repeated. Offered only to juniors. Fall, Spring.

Large Animal Clinical Skills
1 Credit Hour. An elective for second-year students to introduce students to skills common to equine and food animal practice. After completing this class, students should be able to perform many of the basic clinical activities that will be expected of them in practice.

Enrollment Minimum – 6, Maximum – 12. Offered only to sophomores. Spring.

Swine Science Online (via Iowa State University)
1 Credit Hour. Students will learn to apply personnel, facility, fiscal, and livestock management principles involved in swine production, perform basic swine husbandry skills, understand the impact of societal and industry issues on production management systems, and explain the pork chain structure and trends, including production, packing, and integration.

Enrollment Minimum –4, Maximum – 20. Starts in August. Offered only to juniors. Fall.

Potbellied Pig Medicine
1 Credit Hour. This elective covers the main healthcare issues veterinarians are confronted with in dealing with pet pigs in practice. Topics include general management, restraint, immunization, deworming, tusk
and claw trimming, nutrition and body condition score, anesthesia and surgical conditions such as spay
and castration, and common medical problems.


Theriogenology

2 Credit Hours. This elective covers bovine and equine reproduction. Students are given the opportunity
to advance previously taught skills and will be exposed to techniques not taught in VMD 841
Reproductive System.

Enrollment Minimum – 10, Maximum – 16. Offered only to juniors. Spring.

Comparative and Experimental Medicine 530

Wildlife Diseases

2 Credit hours. Necropsy of birds and mammals. Recognition of various diseases and methods of
preparing pathological materials in field and lab. Investigative procedures concerning wildlife diseases.
Fall, Even Years.

Veterinary Public Health Concentration

A veterinary public health concentration is available for students enrolled in the DVM curriculum. This
concentration is part of the Master of Public Health (MPH) degree in the College of Education, Health,
and Human Sciences. For more information, see Public Health in the Graduate Catalog
(http://publichealth.utk.edu/degree-programs/mph/vph/). The UTCVM shares governance of the
concentration through the Public Health Academic Program Committee, and student advisors within this
concentration are faculty in the UTCVM. This concentration requires a separate application to the MPH
program.

Important registration instructions – to assure accurate classification of classes, registration for all
veterinary students (including MPH/DVM, DVM/PHD, and other combined DVM programs are through
the UTCVM Office of the Associate Dean for Academic Affairs).

Externships

Externship opportunities are considered valuable in the UTCVM curriculum. Students are eligible to
participate in approved externships once they have begun their senior year; externships are not granted
prior to this time. Externships may be performed throughout the senior year of the DVM curriculum. The
number of credits a student may earn by completing an approved externship is 2–3, and the total
number of externship credits a student may accumulate toward graduation is 6. To request an

International Externships

International externship and research programs are available through several organizations, including the
summer program through the UT Center of Excellence in Livestock Diseases and Human Health; Morris
Animal Foundation; Giessen, Germany, Summer Study Program; Belize; and Texas A & M University. We
encourage students to consider the value of such intercultural exchange, but funding is not currently
available within the UTCVM curriculum. Financial aid may be available. One possible source of financial
aid is through the UT Graduate Student Senate: https://gss.utk.edu/travel-awards/information/.

Grades & Examinations

Number and types of exams. Instructors must clearly state the number of examinations and the point
distribution for each from the outset of the course. Instructors are free to choose the type of test that best
fits their course and approach to teaching. The type of examination formats should also be disclosed to
students, i.e. multiple choice, short answer, and/or essay.
Dates and times of examinations must be clearly communicated to students at the outset of the course and are typically coordinated through the Office of the Associate Dean for Academic Affairs. Communication regarding examinations will occur via e-mail, and students are responsible for checking their e-mail daily.

Time allowed for examinations. Students will have two (2) hours to complete each examination. In general, exams are prepared to take 60 minutes, with an extra hour allotted so that everyone can complete the examination comfortably (exceptions to this policy may include practical examinations and quizzes). In accordance with Office of Student Disability Services policies, students who require additional examination time because of a disability must have current documentation on file each semester with the Office of the Associate Dean of Academic Affairs and must let the course coordinator know of these allowances at the beginning of the course.

Exam changes. Examinations are scheduled carefully in order to provide optimal opportunity for everyone and should not be changed except in extraordinary circumstances. If a change in an examination is desired, the class representative should contact the instructor and course coordinator first and gain class agreement according to established class policy. Following this process, all exam changes must be forwarded to the Associate Dean for Academic Affairs for final approval. Classes are encouraged to review schedules prior to the academic semester start and request any exam scheduling adjustments prior to the start of class. Following the final publication of exam schedules and start of class, any change of exam dates will be minimal.


Method for reporting in-progress grades. Grades will be posted through Canvas. Students may be notified by e-mail when grade posts are ready for viewing. Instructors should make every attempt to have grades posted within a week of the examination.

Method of grading. Grades are assigned only by course coordinators. It is their responsibility to assign a grade that reflects student performance on all assigned tasks: exams, laboratory exercises, reports, etc. Each coordinator is encouraged to set a standard of performance for the course and to grade in comparison to that standard.

Method for reporting final grades. Final grades will be available online according to UT policy. Final grades should be rounded to the nearest integer and follow the UTCVM Grading Scale:

- >90% A
- 88-89% B+
- 80-87% B
- 78-79% C+
- 70-77% C
- 60-69% D
- <60% F

Satisfactory/no credit grading is used for those courses where the UT Graduate Catalog stipulates such a grade. Grade point averages are computed using only grades from letter-graded courses.

Make-up for missed exams. Should a personal emergency or illness arise causing a missed exam, the student must notify the course coordinator and the Office of the Associate Dean for Academic Affairs (865-974-7263) as soon as possible. The make-up examination should be scheduled with the course coordinator as soon as possible.
UTCVM 4th-Year Clinical Grading Policy

- Students are required to satisfactorily complete each rotation.
- For compelling reasons, such as illness, the Associate Dean for Academic Affairs, at his/her discretion, may permit a student to repeat an examination or rotation.
- All students failing a rotation will come before the UTCVM Academic Progress Committee to develop plans for improvement and remediation. With the approval of the Committee and the Associate Dean for Academic Affairs, a student may repeat a failed rotation.
- Any student failing more than two rotations will be dismissed for the academic year. The Academic Progress Committee and Associate Dean for Academic Affairs will determine the criteria for readmission, if any.
- Any student receiving more than two low performance scores in any one rotation, or three low performance scores across rotations will undergo a performance review by the Academic Progress Committee.
- Unapproved and unexcused absences may result in a failing or incomplete grade for the rotation. Approval for a planned absence must be obtained in advance in writing from the clinician(s) in charge of any involved rotations, the night or weekend duty clinician when applicable, and the department head. Approval forms may be obtained from the departmental office, completed by the student and clinician(s), and submitted to the department head for approval at least 7 days prior to the absence. Requests to miss several days to attend approved veterinary meetings, for job interviews, or take veterinary board exams must be submitted at least 30 days in advance. Any absence may be required to be made up at the discretion of the clinician in charge of the rotation. This includes absences for any reason such as illness, meetings, board exams, etc. Students assigned to emergency clinic duty are held totally responsible for that duty and must make advanced plans for the duty to be properly covered. An emergency absence is to be explained upon return to duty. No student is to leave duty or rotation assignments without notifying the attending clinician.
- In case of illness, the student must notify the attending clinician of the service very early on the day of absence.
- Students are expected to perform in a professional manner at all times. They will be evaluated on professionalism within the clinical grading rubric. A failing grade for professionalism results in a failing grade for the entire rotation, irrespective of the performance in other areas.
- Students are required to be within 20 minutes of the hospital during periods of on-call duty. Failure to arrive for an emergency call within the 20-minute notification period may result in a professionalism fail for a rotation.

Incomplete Grades

“I” is a temporary grade indicating that the student has done satisfactorily in the course, but due to unforeseen circumstances, such as absence or illness, has been unable to complete all the requirements. All incompletes MUST be removed within one year. If a grade change has not been received in the UT Registrar’s office at the end of the appropriate year, the “I” will be changed to an “F.” The course will not be counted in the cumulative grade point average until a final grade is assigned. No student may graduate with an “I” on his/her record. If a student receives an “I,” it is his or her responsibility to contact the instructor and find out what work remains to complete the course.
Academic Honesty and Student Conduct Code

Academic Honesty

Each student is responsible for his/her own personal integrity in academic life. While there is no affirmative duty to report the academic dishonesty of another, each student, given the dictates of his/her own conscience, may choose to act on any violation of the Honor Statement.

The following Honor Statement must be signed by each student upon entry to veterinary school.

“As an essential feature of The University of Tennessee is a commitment to maintaining an atmosphere of intellectual integrity and academic honesty. As a student of the University, I pledge that I will neither knowingly give nor receive any inappropriate assistance in academic work, thus affirming my own personal commitment to honor and integrity.”

Violations of Academic Honesty

Students are prohibited from engaging in the following types of misconduct: cheating, plagiarism, or any other act of academic dishonesty, including, without limitation, an act in violation of the Honor Statement. Violations of academic honesty are a serious breach in academic integrity. Plagiarism is using the intellectual property or product of someone else without giving proper credit. Furnishing false information to the university is also considered a breach of academic conduct.

In the event of an allegation of academic dishonesty, an instructor and/or the Associate Dean for Academic Affairs will notify the student of the allegation, describe information supporting the allegation, and give the student an informal opportunity respond within 5 business days. The instructor may impose an academic penalty, such as a failing or reduced grade on an examination or in a course, or an assignment to repeat the work. With an allegation of academic dishonesty that the student believes was not satisfactorily resolved within the UTCVM, students have the right to appeal by submitting a written Notice of Appeal of Academic Penalty within 5 business days to the UTK Office of Student Conduct and Community Standards (SCCS) using a form provided by SCCS. Students also have a right to be assisted by an advisor throughout the student conduct process. Resolutions are usually achieved by either 1) signing a resolution agreement or 2) having a formal hearing before the Student Conduct Board.

For complete information and a complete list of conduct violations, visit http://hilltopics.utk.edu/ and studentconduct.utk.edu.

Academic Standards

Academic evaluation of students is not based solely upon examination grades but is also a matter of continuing objective and subjective evaluation of student academic performance and/or progress. Satisfactory clinical performance and adherence to standards of professional conduct are required of each student in the UTCVM, regardless of cumulative grade point average. These factors are considered in the evaluation of each student and will be critical in determining the student’s continuation in the professional curriculum.

Subjective Grading

In certain courses, a portion of the grading process will be subjective. Students will be advised of the method and basis for the determination of this portion of the grade by the course instructor(s). Clinical rotations are graded by performance rubrics (https://vetmed.tennessee.edu/academics/Pages/Curriculum_Assessment.aspx). Evaluation of skills performance is by observation of competency within medical standards of care. A skills log is used to record successfully performed skills. A minimum of 200 total and 110 core skills are required for graduation.
**Academic Progress**

Satisfactory completion of the professional curriculum requires a cumulative grade point average of 2.0 to receive the DVM degree.

The Committee on Academic Progress will review a student's standing in the college if any one, or more, of the following occurs.

1. A student’s cumulative grade point average, or grade point average for any academic semester, falls below a 2.0.
2. A student fails a course or receives a grade of “D” in a course.
3. A student demonstrates unsatisfactory clinical performance.
4. A student receives 3 or more low performance flags in any individual rotation or across rotations.
5. A student fails to adhere to the standards of professional conduct.

The Academic Progress Committee, composed of the Associate Dean for Academic Affairs, the committee chair, and one faculty member each from the three departments in the college, will interview and evaluate each student whose performance and/or progress is below the minimum acceptable level. The responsible instructor or instructors will be contacted, and all pertinent information will be presented to and evaluated by the committee. After reviewing this information, the committee will recommend appropriate action to the Dean. Such action may include academic probation; require that a course(s), term(s), or year(s) be repeated; suspension; dismissal; or other appropriate measure(s). Committee recommendation of an academic plan, actions, or resource acquisition to promote academic success will be provided to the student in writing. Such actions will be defined as mandatory or as recommendations. It is the student’s responsibility to complete or seek assistance in meeting the ascribed recommendations or actions outlined by the Academic Progress Committee. Failure to meet academic standards or the written requirements outlined by the Academic Progress Committee may result in academic probation, suspension, or dismissal from the UTCVM professional program.

**Academic Probation**

Students placed on academic probation must maintain satisfactory academic performance in the subsequent semesters of study. The semester GPA expectations will be established between 2.0–2.5 with no grades below a C. Students on academic probation who are repeating semester course content will be expected to achieve a semester GPA of 2.5 with no grades below a C. Students will remain on Academic Probation at any time their cumulative GPA is less than 2.0 or as determined by the Academic Progress Committee.

**Academic Suspension**

The decision of suspension may be for a defined period (e.g. 1 year) or indefinite period of time (until key criteria have been met). The suspended student is withdrawn from the UTCVM for the period outlined by the Academic Progress Committee. Readmission requires the student to demonstrate readiness for successful completion of the professional program and completion of actionable plans outlined by the committee. Students must submit a letter of request for readmission. The letter should outline compliance with committee recommendations or describe actions taken to achieve academic success. The letter should be received the Associate Dean for Academic Affairs at least 90 days prior to the expected return date. Upon approval by the Associate Dean for Academic Affairs and/or Academic Progress Committee, a readmission form will be provided by the college registrar and must be completed for readmission to proceed.

**Academic Dismissal**

Academic dismissal is the result of a pattern of receiving grades that are below the university’s standards for good academic standing. Students who have been academically dismissed are not eligible to enroll in classes, either full-time or part-time at the University of Tennessee. Academically dismissed students are not permitted to live in university housing and no longer have privileges provided through the UT VolCard.
The decision of dismissal means that the student is withdrawn from the College of Veterinary Medicine and may not apply for readmission with advanced standing. Dismissed students will be given one of two options on readmission based on their academic and professional performance. The options for post-dismissal reapplication will be outlined in the dismissal letter as follows: 1) no option for readmission, or 2) readmission by competitive process through the VMCAS application service.

Appeals
The decision of the committee may be appealed in writing within thirty (30) calendar days of written notice of the decision. The initial appeal may be made to the Dean of the UTCVM. If the appeal is denied by the Dean, the decision may be appealed in writing to the Graduate Council through the UT Graduate School’s Appeals Committee (http://gradschool.utk.edu/faculty-staff/graduate-council/appeals-committee/). The Graduate Council hears appeals concerning the interpretation of and adherence to university, college, and departmental policies. It hears such appeals only after grievances have been duly processed, without resolution, through appropriate appeal procedures at the college level. (For procedures for dealing with alleged misconduct or academic dishonesty, see Violations of Academic Honesty). The decision of any board or administrative officer of The University of Tennessee may be appealed to the Provost, President, and Board of Trustees of the University of Tennessee. An appeal to the Provost must be filed within 30 days of the Graduate Council decision.

Supervision and oversight of academic credits earned by enrolled students will be administered by the Associate Dean for Academic Affairs.

Academic Withdrawal
Students may withdraw from the professional curriculum before the term has ended for academic, health, or other personal reasons. Students should consult with the Associate Dean for Academic Affairs to aid in the withdrawal process. Students that withdraw and are in good academic standing may be readmitted at the discretion of the Academic Dean. The process for withdrawal is defined by the University of Tennessee Knoxville. Students should consult Hilltopics (http://hilltopics.utk.edu/) and the Graduate Catalog (http://tiny.utk.edu/grad-catalog), which describe the withdrawal procedure (voluntary or involuntary), academic dismissal, suspension, total withdrawal, and student governance, including student judicial appeal. A portion of the tuition may be refunded, based on the date of withdrawal, and any refund due is issued by the Office of the Bursar. Students withdrawing from the professional program are asked to declare their withdrawal in writing to the Office of the Associate Dean for Academic Affairs. Withdrawal for medical or mental health reasons require a letter from a licensed mental health provider.

Instructions and/or terms for reenrollment will be provided in writing upon receipt of the letter.
Failure to attend classes for the remainder of a term, without filing for withdrawal results in automatic F grading in each class affected.

Advance Placement of Students
Acceptance into the UTCVM is a highly competitive process. Many qualified candidates were available for selection. The UTCVM has made a 4-year commitment to those students who have been offered admittance, and a mutual commitment by the student is similarly expected. Because our professional curriculum is developed as sequentially-dependent content, the ability to accept advanced placement students is limited. As such, the transfer or advance placement of qualified veterinary student applicants from (or to) AVMA-accredited institutions will be considered on a very limited basis. When exceptional factors support consideration of a transfer or advanced placement, the following policy applies:

- Applicants may be considered in semester 2 or the beginning of semester 3 only. Applications must be from individuals who are attending AVMA U.S. or foreign veterinary medical colleges and who have equivalent veterinary medical backgrounds. Priority will be given to applicants who are residents of Tennessee.
• Applicants will initially be evaluated by the Admissions Committee. Transcripts of undergraduate and professional education will be reviewed, as well as supporting letters from the dean and associate dean from the primary institution. Additional evaluation may consist of examinations (written oral or practical or any combination thereof). The Admissions Committee will provide a recommendation to the dean of the UTCVM.

Transfer from the UTCVM

Students wishing to transfer from the UTCVM to another institution should discuss their need with the Associate Dean for Academic Affairs. The college does not generally support transfers except for extraordinary need, as these positions are not easily replaced and have denied educational access to another qualified candidate. Should the need be approved, the dean and associate dean will assist the student in contacting the target institution and providing supporting letters of good standing and any additional information needed by the transferring institution.

Should the petition to transfer not be approved, the student retains their right to withdraw from the UTCVM. They may continue to seek transfer to other veterinary medical institutions, and all transcripts will be sent via the UTK Registrar’s Office. They will not, however, receive a letter of support from the UTCVM Office of the Dean.

Student Support

Accommodations for Disabilities

The UT Office of Student Disability Services (865-974-6087; http://sds.utk.edu/) provides and assists all students with documented disabilities with appropriate accommodations. The Office of Student Disability Services (SDS) is the designated office that obtains and files disability-related documents, certifies eligibility for services, determines reasonable accommodations, and develops plans for the provision of such accommodations. It is the student's responsibility to request in advance any individual assistance. Students at UTCVM must contact SDS for testing and documentation of accommodations, which must be forwarded to the Office of the Associate Dean for Academic Affairs and the course coordinator at the beginning of the course. Students with accommodations should meet with the Associate Dean and SDS to determine how to best meet accommodation needs in the clinical year. SDS documentation must be renewed each semester. Students must arrange for their exam site 7 days in advance of each exam.

Guidelines for Pregnant Veterinary Medical Students

The potential for injury during the education of veterinary students increases during pregnancy. The greatest potential hazards are accidents that may occur while working with animal patients or during necropsy of diseased patients. Such accidents may cause physical injury to the student and/or her unborn child. Additional potential hazards include exposure to toxic agents, hormones, infectious organisms, inhalation of anesthetics, radiation, and stress of physical exertion (See State of Tennessee Right to Know Act (https://www.tn.gov/assets/entities/labor/attachments/tosha_poster.pdf).

When working with animal patients, students should always be cautious to prevent injury to themselves and/or the patient. Precautions should also be taken to minimize necessary exposure to the pharmacologic, infectious, and radiation hazards listed above. Total avoidance of these potential hazards will not be possible in the veterinary curriculum. Students should use all previous training and current instructions to minimize hazards to themselves, their patients, and their unborn children.

The pregnant student should contact a physician immediately for advice concerning ways to minimize exposure to potential hazards that may be associated with a veterinary student's educational assignments, including the advisability of interrupting her program of study during the pregnancy. In order to minimize the possibility of injury, it may be advisable for a pregnant student to continue as a regular student only with schedule and assignment changes aimed at reducing such risk.
In rare instances, where substantial evidence confirms the danger of exposure of mother or fetus to materials or substances that must necessarily be handled in completing an assignment or course requirements, and for which adequate protective measures are not reasonably available, a student may even be required by the college to postpone participation in such a course or assignment.

Students are encouraged, but not required, to consult with the Associate Dean for Academic Affairs when learning of pregnancy and with the Occupational Health and Safety Nurse to review a course plan and identify areas of concern within the curriculum.

Rights and responsibilities
It is recognized that pregnant students maintain their established student rights.

Pregnant students are expected to complete each and every requirement of the veterinary curriculum. If the risks of completing certain components or specific assignments in the DVM curriculum are deemed unacceptable, pregnant students will develop, in consultation with and after approval by faculty, an alternate equivalent plan or schedule deemed acceptable by the university, the student, and the student’s attending physician. Copies of all documents pertaining to revised assignments of pregnant students will be kept on file in the UTCVM Office of the Associate Dean for Academic Affairs.

Curriculum Concerns
Laboratories
- Formalin exposure in anatomy laboratories
- Anesthetic gas exposure in surgery laboratories

Clinical Rotations
- Long work hours, exposure to unruly small and large animals, exposure to toxic drugs, and exposure to infectious diseases.
- Radiology rotation – Exposure to X-rays
- Pathology rotation – Physical labor of lifting heavy animals, slippery floors, zoonotic diseases (e.g., toxoplasmosis, cryptosporidiosis, brucellosis, salmonella, etc.), exposure to formalin, exposure to dimethyl sulfoxide
- Field Services rotation – Exposure to prostaglandins, parasiticides (i.e., organophosphates, etc.); Brucella abortus vaccine; infectious organisms (cryptosporidia, Brucella, Salmonella, Chlamydia, etc.); environmentally hot, humid, and sometimes dusty conditions, with much standing and walking required; exposure to large and sometimes unruly animals
- Anesthesiology and Surgery rotations – Exposure to anesthetic gases

Best Interests
It is in the best interest of a pregnant student to maintain regular contact with her physician and to take appropriate steps to minimize exposure to hazards inherent in veterinary medical education. However, the college cannot fundamentally alter its established curriculum or academic program. While pregnancy is not generally considered a disability, pregnant students may wish to inform the Associate Dean for Academic Affairs as early as possible in their pregnancy, to facilitate communication and to take advantage of available options (as listed below).

Available Options
Students may opt to continue regular student enrollment with selected schedule and assignment changes, as needed. This option is not without risks and could result in delay of completion of the DVM program, especially if maternity leave is required prior to completion. This option is dependent upon:

- Student’s ability to participate in any revised educational program
- Ability of the college to make changes in the student’s schedule of clinical assignments in advance
Availability and willingness of classmates to exchange scheduled rotation assignments with the pregnant student

Students may request a leave of absence for pregnancy and child delivery. Similarly, paternity leave may be granted for students to care for their spouse or help with the arrival of a newborn. Students will be required to complete all assignments and course requirements that were missed during short-term leave. By taking leave, students may incur additional costs in tuition and fees should they require enrollment in additional semesters beyond the normative time for degree completion.

Students in good academic standing may submit a written request to the Associate Dean for Academic Affairs to withdraw from the DVM program for a period of time, not to exceed 1 academic year. Students who are allowed to withdraw may be readmitted, upon application approved by the Associate Dean for Academic Affairs, and permitted to graduate with a subsequent class. This option minimizes health hazards and risks associated with attempting to continue a veterinary medical education while maintaining a safe pregnancy.

Mothering Rooms
Two lactation rooms are available for students, staff, and faculty who return to school/work following maternity leave and are still breastfeeding. One room is in the far right corner of the women’s locker room on the second floor (Room B234). While its use is on a first-come, first-served basis, there is a dry erase board and paper log available to record your usage. This room may better serve underclassmen and those in large animal, due to location. The room has a comfortable chair, an additional chair, a power strip, and a refrigerator for milk storage. There is a second lactation room (B229C) in the newly renovated Tickle Small Animal Clinic on the second floor, which may be more convenient for those located in the Small Animal Clinic. This room has a sink, desk, and chairs; a lock on the door; and is labeled as a privacy room. A break room nearby contains a refrigerator where milk can be stored. Similarly, there is a log to record your usage.

Course Policies

Evaluation of Courses and Instruction

All students are requested to provide evaluations for instructors with more than 4 lecture hours per semester. Student evaluation of courses and instruction provides basic information that is used for three different functions.

- First, and foremost, feedback to the instructors assists them in better meeting student needs. Just as exams provide necessary feedback in determining student progress and the success of instruction, student opinions assist in tailoring the course and instruction to the greatest need.

- Secondly, the faculty use evaluations to monitor the curriculum. Students have a unique perspective in that they proceed through the whole professional curriculum. This input about content and coverage is often the only input on a course, independent of the instructor. Thus, it is an important and valuable form of feedback. Student input is often the stimulus for further review by the UTCVM Curriculum Committee.

- The third use of the evaluations is in consideration of faculty promotion, tenure, and salary decisions. Faculty evaluation is primarily the responsibility of the department head and peer review teaching committees, but student participation in an evaluation has considerable impact. Evaluations that represent the opinions of a mature class of students can be very influential. Failure of students to take their part in the process seriously reduces the impact of these evaluations on advancement considerations.

Evaluation of Didactic Teaching. Each instructor involved in didactic teaching is evaluated by the students in the course if his or her involvement includes at least 4 contact hours. Evaluations are requested near the end of the course and are held during a scheduled lecture, discussion, or laboratory.
The following points are addressed by the evaluation, and individual instructor scores and mean scores for all faculty teaching in that year are made available. Student responses to each question are limited to poor, below average, average, above average, or excellent.

1. This instructor seems concerned with facilitating my learning.
2. Lectures/labs, etc. conducted by this instructor (regardless of course) were organized and had clear objectives.
3. This instructor was willing to discuss course material with me outside of class time.
4. This instructor encouraged interaction and answered student questions during class meetings.
5. Any teaching aids (handouts, visual materials, demonstrations, illustrations) used by this instructor were helpful and relevant to me in learning the subject matter.
6. Major concepts were emphasized during classroom presentations.
7. I was clearly informed by this instructor on how I would be evaluated (tested/graded).
8. The instructor covered material in this course at a pace that was reasonable for me.
9. Directions for course assignments by this instructor were clear and specific.
10. My overall opinion of this individual's teaching skills:

Evaluation of Clinical Teaching. For each rotation, students evaluate the clinical faculty member or members with whom there was major clinical involvement. The evaluation questions are listed below. The mean scores for all faculty teaching in the clinical year are made available, and student responses to each question are limited to poor, below average, average, above average, or excellent.

1. I was clearly informed by this instructor on how I would be graded.
2. The instructor actively involved me in rotation activities and case management.
3. The instructor challenged me to solve problems and to explain my decisions.
4. The instructor effectively explained diagnostic and treatment plan options.
5. The instructor was professional and respectful with patients, students, staff, clients and others.
6. The instructor provided timely feedback to me regarding my performance.
7. The instructor provided regular case or topic rounds, or equivalent instructional interactions during this rotation.
8. Overall, this instructor is an effective clinical teacher.

Again, students are asked to comment on each clinical instructor's qualities or teaching skills that contributed to or hindered the success of the student in the clinics. In addition, comments are requested to determine the students' overall opinions regarding their clinical experience.

Students are encouraged to take this responsibility of evaluation seriously and to consistently give it their best effort. Only with complete participation can the evaluations have the impact necessary to bring about improvements. Comments should be constructive, actionable, and professional. Personal attacks are violations of the professionalism code.

Guidelines for Safety and Potential Hazards to Veterinary Medical Students

The potential for human injury always exists in veterinary medical practice. The same risks are inevitable for the veterinary student. The possibility of injury increases whenever the person is careless, under
chemical influence, handicapped, or pregnant (with increased danger for both mother and fetus). The college stands ready to provide full assistance to students in accommodating schedule and assignment changes made necessary by pregnancy, disability, or handicap.

Treatment of Animals

Unauthorized individuals are not allowed in the hospital. Only UTCVM students are allowed to assist with the treatment of animals. Family, friends, and other non-UTCVM individuals must not assist. Children are prohibited from accompanying students in the Large Animal Clinic while the student is on duty or caring for patients in any manner. This is for the safety of the children and other individuals.

Student Health Center & Health Insurance

Neither the college nor the university carries medical insurance to cover student accidents. In light of the risks and hazards inherent in veterinary medical education and the potential for veterinary student accident and or injury, it is necessary and required for each student to be covered by some form of major medical health insurance. It is not sufficient for the veterinary student to seek care only through the Student Health Center outpatient clinic. If a veterinary student is hurt or injured during the veterinary curriculum, the student needs insurance coverage for the expenses associated with any required medical care, including emergency care.

Insurance may be acquired through a family major medical policy, through a private insurance agency, or by purchasing the University of Tennessee Student Government-sponsored Student Injury and Sickness Insurance Plan. It is highly advisable that the insurance plan offer appropriate, comprehensive coverage in Knox County.

More information about health insurance available to UT students can be found at http://studenthealth.utk.edu/insrec_studentinsurance.php.

Additionally, a mandatory health release form must be signed prior to participation in the senior-year clinics. A copy is provided in the appendix.

The Student Health Center provides a variety of services, including primary medical care, health education, health screening programs, and mental health consultation and counseling. To learn more visit: http://studenthealth.utk.edu/index.php.

To use the on-campus Student Health Center, students must pay the Health Fee each semester; for students enrolled in at least 9 hours in a semester, this fee ($101 for fall and spring, $61 for summer in the 2017-2018 academic year) is automatically applied as part of the Programs and Services fee and cannot be reimbursed. The Health Fee covers many professional services, but it does not cover hospitalization, laboratory tests, X-rays, drugs, etc.

After Student Health Center hours, students (as well as non-UTCVM EXTERNS) may be seen at UT Medical Center (1924 Alcoa Hwy, Knoxville, 37920; 865-305-9000) or Lakeway Urgent Care (2461 University Commons Way, Knoxville, 37919; 865-673-6603).

Accidents

Any accident occurring while the student is in the Veterinary Medical Center or participating in related educational activities must be reported to the Large Animal Clinical Sciences office (865-974-5703) or the Small Animal Clinical Sciences office (865-974-5505). An incident report must be filed (see appendix).

Rabies

All students are required to maintain current rabies vaccination upon entry to the professional program. Beginning March 2016, all 3rd-year students will be required to demonstrate protective titers prior to entry to the clinical curriculum.
Radiation Safety

Each senior student is assigned a radiation safety badge, which must be worn when assisting with radiographic or nuclear medicine procedures. The badges are to be kept on the board in the radiology work area when not in use. The badges are not to be taken outside the building. Film badges are changed at the end of every quarter (March, June, September, December), and the radiation dose for each student is determined. Reports are given to the Radiology Section Chief and the campus radiation safety officer. Faculty, students, and some staff are considered occupational workers and have a maximum exposure limit of 5,000 mrem per year. All exposure levels should be kept below the ‘as low as reasonably achievable’ (ALARA) limit of 500 mrem/year.

Based on data from the past few years, the average clinical student will receive an annual exposure of 10–120 mrem. Students will not get monthly reports, but they will be informed if their badge reading is high. If you have questions about film badge reading, contact the Radiology Service.

Isolation Procedures

Biosafety and biosecurity procedures are taught throughout all 4 years of the veterinary curriculum and emphasized in Transitions Seminars. Upon entry into the clinical year, each student will demonstrate adequate knowledge of biosecurity and safety procedures in large and small animal isolation. Each student will observe the isolation training video and successfully demonstrate to clinical faculty or staff the proper biosafety protocol when entering and exiting small and large isolation facilities before continuing to the clinical rotations. Individual biosafety procedures are found in the Small and Large Animal Student Handbooks located on the UTCVM Web site (https://vetmed.tennessee.edu/academics/Pages/handbook_policies.aspx).

Isolation protocols (https://vetmed.tennessee.edu/academics/Pages/handbook_policies.aspx) and the training video (https://vetmed.tennessee.edu/VetNet/Videos/saip_wmv.wmv) are available online.

Student Services

Financial Support

Loans
The UT Financial Aid Office offers information on federal and private student loans (http://onestop.utk.edu/loans/). In addition, the UTCVM provides on-site financial aid review and oversees specific to veterinary professional students through Ms. Deborah Shepherd.

Students applying for financial aid must complete the Free Application for Federal Student Aid (FAFSA) each year before any financial aid award can be confirmed. The primary source of financial aid for veterinary students is Federal Direct Stafford Loans (subsidized/unsubsidized).

Should you have questions pertaining to these loans, contact http://onestop.utk.edu/loans/.

Student Emergency Aid Fund (SEAF)
The UTCVM SEAF fund is established through contributions provided for this specific purpose and will apply only to UTCVM students who experience emergency situations for which funds are not otherwise immediately available.

Limits: A maximum of $500.00 may be borrowed from the fund.

Reimbursement: Students are expected to repay the amount borrowed as soon as they are able, but no later than prior to graduation or departure from the UTCVM. Specific arrangements to repay the loan following graduation must be approved by the Associate Dean and Financial Aid Office in advance.
Loan Interest: No interest will be charged. However, in order to perpetuate the program and keep the SEAF solvent, it is expected that loan beneficiaries will wish to contribute to the fund in excess of the amount borrowed.

Procedure: Any student in several financial need should present his or her request to the Associate Dean for Academic Affairs, who is empowered to render a decision and have issued immediately a draft not to exceed $500.00.

Financial Aid: Federal regulations require the UTCVM to notify the Financial Aid Office of emergency loans. Emergency loans are calculated into total financial aid awards for the year and can affect the amount of funding you may receive.

Registration

Registration is required of all students when using university facilities. Registration allows use of services such as library checkout, laboratories, and recreation facilities not open to the public.

Information concerning registration is available through Self-Service Banner via My UTK (http://myutk.utk.edu) each term. Registration is accomplished for all veterinary students through the Office of the Associate Dean of Academic Affairs. Any veterinary student, including those who are dual enrolled in graduate programs (i.e. DVM/MPH or DVM/PHD programs), should consult with the CVM registrar, Ms. Deborah Shepherd, to assure proper assignment of courses and course credits toward the correct degree.

Payment of Registration Fees

During priority registration, a VolXpress statement is e-mailed to the registrant. Payment is due by the deadline noted on the bill. Additional information may be obtained from the Office of the University Registrar at 865-974-2101 or http://bursar.utk.edu. Failure to pay registration fees before the deadline, as noted each semester on the VolXpress statement, will result in cancellation of the schedule. Retroactive registration is not allowed.

More information on tuition costs can be found at http://onestop.utk.edu/your-money/tuition-fees/.

Tuition is based on initial residency classification as either in-state or out-of-state. Residency guidelines are determined by state law and are restrictive. Complete information can be gained from the Registrar’s Office or this website http://registrar.utk.edu/residency/residency.shtml. In summary, the classification adheres to the following non-residency guidelines:

- if you depend on out-of-state parents/guardians for support
- if out-of-state parents/guardians claim you as a dependent on a tax return
- if you are attending school in Tennessee for the purpose of schooling only
- if you entered UT as an out-of-state, full-time student

Where status is unclear, students should discuss their status with Ms. Deborah Shepherd. A process of second and third appeals exists in controversial cases. Some active duty members of the U.S. Armed Forces and all U.S. Armed Forces veterans are eligible for in-state tuition.

More information is available through the UTCVM Residency Classifier: Ms. Deborah Shepherd, College of Veterinary Medicine, 2407 River Dr. Room A 104C Knoxville, TN 37996-4500; Phone: 865-974-7354; E-mail: dshepherd@utk.edu.

Faculty Advising Program

Each incoming veterinary student is assigned randomly to a faculty advisor. At this stage, advising is intended to be primarily academic. However, depending on the rapport established, some students consult with their faculty advisor for non-academic reasons, as well. Advisement may entail selection and supervision of the senior electives, career choices, etc.
The Office of the Associate Dean for Academic Affairs and the Director of the Veterinary Social Work program are also available to all veterinary students for counseling on academic, financial, or personal problems. When appropriate, referral can be made to other on-campus or off-campus resources, such as marriage counselors, mental health clinics, etc.

**Career Counseling**

Students may receive career counseling at four different levels:

- **UTCVM Advisor**: Faculty advisors are available to assist students with long-term career goals. See [Faculty Advising Program](http://). 
- **UT Center for Career Development**: Ms. Mary Mahoney, Assistant Director, provides and arranges formal career services, such as resume review, mock interviews, job searches, etc. For a full list of services, visit [http://career.utk.edu/ #](http://). 
- **UTCVM Career Center**: This Web site allows students to apply for jobs, offers tools for resume writing, and maintains a list of for-hire career coaches and open job positions. Visit [http://careers.vet.utk.edu/](http://). 
- **Individualized Career Coaching** is available with Attorney Kathleen Hayward, as well as through the Associate Dean for Academic Affairs.

UT’s Pendergrass Library also maintains an employment resources guide: [http://libguides.utk.edu/c.php?q=B8636&p=1246634](http://). 

**Internships/Residencies**

Students interested in pursuing an internship or residency for post-DVM clinical education should visit [https://www.virmp.org/](https://), the Veterinary Internship & Residency Matching Program.

The UTCVM internships are 1-year programs offering veterinarians broad-based clinical exposure to areas that include surgery, medicine, radiology, emergency medicine, intensive care, ambulatory services, theriogenology, and anesthesia. Residents participate in a 3-year program, specializing in a particular clinical area. Because of its proximity to wildlife and exotic animal populations, the UTCVM offers a residency program in zoological animal medicine and has a program dedicated to the care of exotic animals, caged birds, non-traditional pets, and captive wildlife. For full information on UTCVM programs, visit [https://vetmed.tennessee.edu/academics/Pages/internships_residencies.aspx](https://). 

**Housing**

Students have the option of applying for housing accommodations that the University of Tennessee offers to students. The Division of Housing also maintains extensive listings of off-campus apartments, houses, rooming units, and mobile home units that are offered for rent to students, faculty, and staff. Inquiries about housing should be directed to the Division of Housing ([http://housing.utk.edu/](http://)) and [http://www.knoxapts.com/](http://). 

**Employment**

Occasionally, research faculty and other laboratories, including histopathology, pathobiology, clinical pathology, and the small and large animal hospitals, require summer, holiday period, and/or semester student assistance. Hiring is performed by the faculty or heads of laboratories. It is suggested that DVM students not work more than 10–15 hours per week while classes are in session.

**Library**

Students have access to all university libraries and their collections. This includes the Pendergrass Library ([https://www.lib.utk.edu/agvet/](https://)), which is located in the north wing of the College of Veterinary Medicine and contains an extensive collection of books, journals, and audiovisual-autotutorial units. For resources specific to the College of Veterinary Medicine, please see guides at [http://libguides.utk.edu/Veterinarymedicalstudentsguide](http://). Rapid reference services are available from the
Ample study space and copy equipment, including a large format printer and 3-D printers, are available.

**Library Study Rooms**

The reservations policy for Pendergrass Library study rooms is summarized below:

UT students, faculty, and staff may reserve study rooms in the library on a first-received, first-made basis. All reservations must be placed at least 48 hours in advance. Rooms not reserved in advance are available on a first-come, first-served basis. Study rooms may be reserved for no more than 4 hours at a time. Patrons may only have two reservations per week. These two reservations cannot be combined to form one extended reservation.

Reserved rooms must be claimed in person within the first 15 minutes of the reservation. If a member of the reserving party is not in the room within 15 minutes of the reservation's start time, the reservation is forfeited and the room is open for use by anyone in the library. Patrons that did not make a reservation but are using a study room at the beginning of a scheduled reservation may be asked to leave the room.

Study rooms are subject to availability, and reservations may be cancelled or modified at any time, specifically to accommodate classes, special events, university business, etc. ABLE groups will continue to get priority for the study rooms. All library and UT policies apply to patrons using the study rooms. All study room policies are subject to change.

**Tutoring Services**

The UTCVM Student Chapter of the American Veterinary Medical Association (SCAVMA) will provide students with an opportunity for peer-to-peer tutoring within the school. Tutors are typically students from a higher class tutoring a student in a lower class. Participation is voluntary. The SCAVMA vice president will be in charge of gathering names of volunteer tutors. Students who wish to use the tutoring service should contact the SCAVMA vice president or the Associate Dean for Academic Affairs, who will confidentially refer them to an appropriate tutor for the course of their asking. It is up to the student to decide if he or she wants to access a tutor for a course. SCAVMA pays for $6/hour of the tutor's fees, up to a maximum of 10 hours ($60)/student/semester. The student pays the tutor directly any difference between their hourly rate and the SCAVMA reimbursement fee. Tutoring time is monitored through use of a Tutoring Log Form provided to the tutor by SCAVMA at the beginning of the tutoring sessions. At the end of the tutoring service, or the end of the semester, the completed time logs should be returned to the SCAVMA vice president or the SCAVMA treasurer for the tutor's reimbursement. There is no guarantee a tutor will be available for every course; however, we will try to find one, when possible.

To request a tutor, please contact SCAVMA vice president Kaitlin Siegfried or the Associate Dean for Academic Affairs.

**Veterinary Bookstore of Tennessee**

Regular semester hours of operation: Monday–Friday, 11:50 AM–12:50 PM (excluding holidays); Summer hours of operation: Tuesday, 12–4:00 PM

The Veterinary Bookstore of Tennessee (VBOT) is a non-profit business that was established and is managed by students of the UTCVM to give students the advantage of bulk purchase discounts and wholesale prices. Because of low overhead, as well as educational and non-profit status, VBOT can offer exceptionally low prices on books and equipment. VBOT is also able to provide both student scholarships and donations to many student activities such as the annual SCAVMA auction, SCAVMA Symposium, and the yearbook.

VBOT will accept payment using VISA, MasterCard, or American Express. When using a credit card, the following information is required: Name as it appears on the card, type of card, credit card number and expiration date, billing address for card. VBOT will accept payment via check or money order; however, books will not be ordered until the payment is received. A shipping charge of $5.00 per book will be added.
**Overseas Shipping:** Books shipped overseas will not be charged the $5.00 rate but rather the current rate of shipping by boat (all books shipped in this manner will be insured). Please contact the bookstore for current shipping rates.

For a complete list of books, please go by or e-mail VBOT (Room A106A). To order a book not on the list, provide the following information: Author and title, publisher, and ISBN.

Orders may be placed using any of the following methods:

- **E-mail:** vbot@utk.edu
- **Fax:** 865-522-2237
- **Phone:** 865-522-2237

**Mail:** Veterinary Bookstore of Tennessee, University of Tennessee, College of Veterinary Medicine, Rm. A106A, 2407 River Drive, Knoxville, TN 37996

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**Policies and Regulations**

**Cell Phones and Cameras**

Students are not permitted to have on their person or bring electronic devices of any type into an examination room during written or practical examinations. Devices include but are not limited to laptops, cell phones, iPads, Mp3 players, iPhones, smart phones, BlackBerrys, tablets, Apple watch, or any similar electronic devices that connect to the Internet or store recorded information. Laptop computers are allowed only in examinations that are given electronically using student laptops. If students are found to ignore this aspect of the honor code, faculty can confiscate the device until a meeting can occur between the student and the Associate Dean for Academic Affairs. Additionally, cameras and cell phones are not permitted in the necropsy room, and photographs may not be taken of any animals in this area.

In accordance with the state of Tennessee Veterinary Practice Act, photographs of client-owned animals may not be shared or posted on social media sites, such as Facebook, Pinterest, Instagram, YouTube, or Twitter, or any other internet site, including but not limited to blogs, Flickr, or personal web pages.

**Social Media Guidelines**

In accordance with the state of Tennessee Veterinary Practice Act, photographs of client-owned animals may not be shared or posted on social media sites, such as Facebook, Pinterest, Instagram, YouTube, or Twitter, or any other Internet site, including but not limited to blogs, Flickr, or personal Web pages. Posting identifiable case descriptions, images, or records related to clinical or research activities is prohibited. While taking photos in the anatomy labs is permitted for learning purposes, posting photos of animal cadavers, anatomy specimens, or necropsy on social networking sites or any other Internet site is prohibited.

Additionally, in keeping with the UTCVM professionalism guidelines, professional students are encouraged to “think before you post.” While the UTCVM respects freedom of speech, posting inappropriate content, photos, disparaging remarks, etc., may not serve your professional goals, your veterinary career, or the reputations of the college and the university. Use good judgment about content.

**Parking**

Veterinary students operating automobiles, motorcycles, and mopeds on campus are subject to university regulations. Parking permits are available at Parking Services (http://parking.utk.edu/). All students are required to purchase parking permits for the remainder of the ACADEMIC year if they will park on campus. Summer parking permits must be purchased, as well. The cost is approximately $63.00. Students must have a current parking tag during summer or they are subject to being ticketed.

Overnight parking is NOT allowed without a special permit. Any vehicle parked between 3:00 a.m. to 6:00 a.m. is subject to ticketing. Once a student has a regular parking pass, the Office of the Associate Dean for Academic Affairs will subject the student’s name for a special overnight pass at no extra charge. That pass must be displayed with the paid permit to allow overnight parking and early morning parking in student lots. Parking services does not make exceptions for hospital duty requiring parking between 3
a.m. and 6:00 a.m. If a student must be at UTCVM during these hours and does not have a pass, it is permissible to use client parking in front of the Small Animal Hospital until able to get an overnight special pass, or see the Office of the Associate Dean for Academic Affairs for a temporary permit.

A limited number of special permits are available to students when all student parking areas are full. Students are required to check overflow lots before requesting one of these permits, and priority is given to fourth-year students who are returning to the hospitals. These passes are not intended for students who arrive late for their first class of the day. Students parking in overflow lots may choose to use The T campus transit service (see below).

If a parking citation is incurred, it is in the best interest of the student to respond immediately; procrastination will result in penalties for tardy payment, as well as problems with grade reports and future registration. All UTCVM parking areas are under university regulations. Paid student parking is ONLY in the commuter/non-commuter designated parking lots. Do not park in client spaces in the front of the hospital. Violations will be subject to fines and possibly impounding of the vehicle.

The T – Campus Transit Service

The University of Tennessee’s transit system, “The T,” provides students a safe, convenient, and efficient campus-wide transportation service. Service is fare-free for all passengers, and real-time GPS tracking allows students to monitor current location and arrival time. The UT mobile app integrates The T’s GPS tracking map, route stop information, and news updates on route and service changes. All T vehicles are accessible to passengers with disabilities and have front-of-vehicle bicycle racks. Four USB charging stations are located at the back of each vehicle.

For routes, scheduling, and maps, visit http://ridethet.utk.edu/.

Pets within the CVM

Pets are not allowed in any multi-user space, including, but not limited to, classrooms, laboratories, conference rooms, the Pendergrass Library, student lounge and break areas, and locker rooms. This policy applies to all teaching rooms, including A1B, A335, A335A, PSB D00, the Large Animal and Small Animal classrooms, departmental conference rooms, the Tickle seminar room, computer classrooms, the anatomy laboratory, and all small group teaching rooms. Pets scheduled as part of a teaching exercise are exempt.

Pets should never be brought into areas of food preparation or rooms commonly used for food service functions. These spaces specifically include the Sequoyah Room and kitchen, the Tickle break room, the student lounge and student hospital break rooms in the large and small animal hospital, and the former Munch Box or any other room where food is being prepared or served. Only pets that are active working service animals may be in food service areas, as allowed by law. Those animals must be registered service animals to be included in this exception. Service animals, including HABIT animals, are permitted only when they are working, in appropriate locations, or as part of the evaluation process.

Pets that are not patients or boarders are not to be brought into the Veterinary Medical Center Hospital areas.

This policy applies 24/7/365.

Objective

This policy has been developed to inform students, faculty, and staff of their responsibilities and of the UTCVM’s expectations when pets belonging to employees or students are brought onto college premises (Veterinary Medicine Building and Veterinary Research and Education Center). The intent is to maintain a professional, safe, and functional work and educational environment in balance with one that is welcoming.

Procedure if you must bring a pet

- Any pet or animal that accompanies an employee, student, faculty, or staff member to the CVM must be kept behind a closed or gated door when in a private office and appropriately
restrained (leash, cage, carrying tote, etc.) when in the hallway or other areas inside the UTCVM buildings or on the surrounding premises.

- Pets that need to accompany students to school due to reasons such as overnight shifts, medications, new puppy, or workers at your house, are welcome to day board in the hospital ward during these short periods (see Day Boarding Policy below). Please contact the technician in charge of the ward to make arrangements. You will be responsible for setting up the cage, walking, and cleaning the cage upon departure. There is no charge for 1-3 days of such arrangements.

(This policy has been truncated – to see full policy, please contact the Associate Dean for Hospital Operations or the Associate Dean for Academic Affairs.)

Day Boarding Policy

Day boarders are personal pets of faculty, staff, and students of the UTCVM who are in the Small Animal Hospital for the day only. They are not kept in the hospital overnight and are not patients hospitalized for a medical problem.

Examples of acceptable reasons for day boarding include 1) animals needing periodic baths; 2) pets who need to be out of the home for a day when there is work or pesticide spraying going on in the home; 3) animals who are coming in for the HABIT program who are going to health care facilities; and 4) for people who work unusual shifts and need to be accompanied by their pets for personal safety (night shifts).

Day boarders must be scheduled in advance with the ward/treatment room technician. Individuals needing more frequent day boarding or boarding for other reasons will be expected to pay a day boarding charge. Animals that need feed, exercise, or medications must be regular, hospitalized patients or regular paying boarders and not day boarders. People who are bringing their animals in for baths are expected to purchase their shampoo and other products from the pharmacy and provide these for their personal animal’s use. It will be the responsibility of the owner to provide their animal with water and exercise.

Day boarders should be so indicated on a cage card listing the owner’s name, the animal’s name, and the words “Day Boarder.” The animal should also have a neck band on with the owner’s name and animal’s name. The individual will be responsible for cleaning the cage when their animal is removed at the end of the day. The papers are to be removed and the cage disinfected whether or not the animal has soiled the cage. The cage card is to be removed and clean papers put back into the cage. A cage is not to be reserved for an animal on successive days. Water bowls should be removed from the cage, washed, and returned to storage.

The treatment room technicians should have a day-boarder schedule available through which approved day boarding may be arranged in advance. Anyone who abuses the provisions or does not follow the guidelines will be denied the privilege. Individuals who need more frequent boarding than these guidelines permit may request regular hospital boarding and pay the appropriate fee. Any questions or problems with day boarding should be directed to the Small Animal Clinic Director.

Children in the Academic Setting

The UTCVM is a dynamic center of education, clinical service, and research, which encourages supervised events on campus for children as well as adults. The college is committed to promoting equity for all students and to ensure that individuals are not disadvantaged in their academic and career aspirations by actual or perceived family responsibilities. However, the college is a place of work and study, and the ability to concentrate for extended periods of time is a prerequisite within a healthy academic environment. Students, faculty, staff, and administrators can expect to attend and teach class, provide clinical service, or complete work or research in laboratories, libraries, offices, and other workspaces with a minimum of distractions or interruptions. Therefore, guidelines have been established to ensure that an appropriate academic environment is maintained for the safety of all. This policy provides for the safety of children while respecting the parental needs of parents/guardians given that the university and
The college may be held liable for the safety and health of children in the workplace. The Veterinary Medicine Building presents unique potential risks: animals, zoonotic infectious disease, biosecurity/biosafety, toxic and flammable chemicals, radiation, breakable glassware, medical instrumentation, etc. Parents/guardians should understand the importance of this policy in providing for the health and safety of their children.

For this policy, “children” and “child” refer to minors under the age of 18. Children are not permitted in the Veterinary Medical Center when the parent/guardian is on scheduled duty. Children visiting the Veterinary Medical Center must be directly supervised at all times by an adult responsible for the child or children. Because of the potential for serious injury or illness, children are NOT permitted in the following areas: Radiology; nuclear medicine; radiation therapy; any small animal ward or run area or large animal stall area where a cage, run, or stall is marked with a “radiation” sign; in large animal facilities near a stall with “barrier” isolation; the necropsy floor; chemotherapy laboratories; isolation facilities; and laboratories with infectious agents, except when participating in programs and/or special events sponsored by the college and supervised by UTCVM personnel.

Children will be prohibited from entering other potentially dangerous locations such as laboratories, Veterinary Medical Center facilities, and equipment rooms without the approval of the appropriate dean, department head, or supervisor. Children may not attend a class in session without prior approval of the course instructor and Associate Dean for Academic Affairs. Children under the care of the instructor may not attend class without the prior approval of his/her department head and the Associate Dean for Academic Affairs.

Parents who disregard this policy will be required to remove his/her child from the building and will receive a written reprimand from the appropriate dean, department chair, or administrative supervisor. Students who miss a class/clinical rotations are expected to make up missed time. Repeated abuse of this policy will be referred to the appropriate department chair or supervisor and dean.

Legal Name Changes

In additional to informing the UTCVM Office for Academic Affairs, the following form must be completed to make a name change with the University of Tennessee: http://onestop.utk.edu/contact-updates/. A copy is included in the appendix.

Inclement Weather Policy

The University of Tennessee remains open except in the most severe weather conditions. If the university is closed, academic classes, laboratories, and examinations will be rescheduled as appropriate. If the university remains open, students are expected to attend scheduled academic classes but are advised to avoid undue risks in travel. Students are responsible for any academic work missed and are responsible for taking the initiative to complete such work.

Alerts will be sent by e-mail and/or text message as soon as the decision is made with regard to inclement weather. All classes scheduled before the opening time and those that have less than 30 minutes remaining past that time are canceled. Classes scheduled for more than 30 minutes following the opening time will continue. WATE (local ABC affiliate) lists all closures on its web page http://www.wate.com/weather, and the Tennessee Department of Transportation reports on the road conditions at http://ww2.tdot.state.tn.us/tsw/smartmap.htm?city=Knoxville.

For more information, see the university's weather policy at http://safety.utk.edu/emergency-management/inclement-weather-policy/.

Senior Rotation Students

Students remain responsible for patients and clinical duties on the days when the university is closed due to inclement weather. Students are expected to report to the VMC as long as they can safely travel to and from the hospital. Students are not expected to subject themselves to unreasonable danger in traveling. If a student determines it is obvious that he or she cannot arrive at the VMC for the day’s activities, the student should call the hospital by 9:00 am and inform their attending clinician of their absence. If the clinician is not at the VMC, leave a message with the operator or receptionist. Students
who can safely travel to and from the hospital on that day will then be reassigned for clinical duty to ensure that all essential services are maintained. A student on a shift must not leave until relieved by an individual on the next shift! Live-in technicians, technicians, and faculty will be used as needed to supplement those students who are available so that appropriate clinical service can be maintained.

Dr. Charles Hatcher, State Veterinarian

The state veterinarian is responsible for monitoring and protecting animal health in Tennessee. The state veterinarian also works with private veterinarians, animal pathologists, and the state's network of animal disease diagnostic laboratories in identifying diseases and making a definitive diagnosis in cases of animal deaths.

The state veterinarian is responsible for the certification and enforcement of animal health standards required for interstate and international commerce of livestock and livestock products. This office also cooperates with federal animal health officials in accrediting Tennessee's approximately 1700 practicing private veterinarians. The State Veterinarian's Office may be contacted at 615-837-5120.

Hospital Security

A picture identification badge must be worn at ALL times while in the Veterinary Medicine Center or on Field Services calls. Students on duty are to help make sure the building is secure by checking all doors after hours. No doors are to be propped open. You must use your ID card to enter mag locked areas after 6:00 pm. Tours are not to be given after hours, and all unauthorized persons are to be escorted out of the building. If you need help, call Campus Security at 865-974-3114. Stop and inquire of any person in question. Hospital security personnel are on duty from 4:00 pm to 12:00 am Monday through Friday and 5:00 p.m.-10:00 pm on Saturday. Contact them with any questions or problems by dialing 865-740-5957. The front doors to both the Large Animal and Small Animal hospitals are to be locked at 6:00 pm daily, at noon on Saturday, and all day on Sunday and holidays.

UT ALERT

The UT ALERT system is designed to enhance and improve communication and keep the campus community informed during an emergency. The service allows students, faculty, and staff to "opt in" to be notified via text message and e-mail in the event of an emergency or campus closure. The message can also be sent to a designated pager or smart phone.

The system will be used only for emergency contact purposes. It will not be used to distribute advertising or other unsolicited content. **Subscribers do not pay a fee for the service**, other than regular fees associated with text messaging services.

For more information and to sign up, visit: [http://www.utk.edu/utalert/](http://www.utk.edu/utalert/).
UTCVM Emergency Telephone Numbers

Building Maintenance Problems:
- Scott Wyrick, Bldg. Supervisor: REDACTED FOR WEB (Cell)
- Ben Peters: REDACTED FOR WEB (Cell)
- Marcus Williford: REDACTED FOR WEB (Cell)
- UT Police: 865-974-3114
- Dr. Robert C. DeNovo: REDACTED FOR WEB (REDACTED FOR WEB Cell)
- Dr. Juergen Schumacher: REDACTED FOR WEB (REDACTED FOR WEB Cell)
- Dr. David Anderson: REDACTED FOR WEB (REDACTED FOR WEB Cell)

Housekeeping:
- Omar Rodriguez: REDACTED FOR WEB (Cell)

Computer Operations Hotline: 865-755-7917

Security:
- Mon-Fri, 5-Midnight: 865-740-5957 (Cell)
- Saturday 5-10 pm: 865-740-5957 (Cell)

FIRE OR MEDICAL EMERGENCY: 911
CAMPUS SECURITY: 865-974-3114

Licensure and Accreditation Examinations

NAVLE

The practice of veterinary medicine is controlled by a central agency in each state. In Tennessee, it is the Tennessee Department of Health (https://tn.gov/health/article/vet-licensure). Practice acts vary, but most states rely, at least in part, on results of the North American Veterinary Licensing Examination (NAVLE) to determine which applicants are qualified to practice in their state. Fourth-year veterinary students are privileged to sit for the NAVLE examination during the early part of December or in April. For information and deadlines on the NAVLE: http://www.nbvm.org/?id=84&page=On-Line+NAVLE+App.

For information about licensure to practice in Tennessee contact:

Board of Veterinary Medical Examiners
Ms. Lisa Lampley, 665 Mainstream Drive, 2nd Floor, Nashville, TN 37243; 615-532-5090 or 1-800-778-4123

USDA Accreditation

For a recently graduated veterinarian to be able to participate in state and federal disease control, eradication programs, and to issue health certificates as a veterinarian, they must hold accreditation by the USDA. Students participate in accreditation training during transitions seminars in their 6th semester. Once licensed, the student can complete the accreditation process through the online application. For further information, contact the state veterinarian (Dr. Charles Hatcher) and/or visit https://vetmed.tennessee.edu/admissions/Pages/usda_accreditation.aspx.
Organization of the College

College Administration
James P. Thompson, Dean
Claudia A. Kirk, Associate Dean, Academic Affairs
Michael F. McEntee, Associate Dean, Research and Graduate Studies
Robert C. DeNovo, Jr., Associate Dean, Hospital Administration and Clinical Programs
Dennis R. Geiser, Assistant Dean, Outreach and Organizational Development

Department Heads
Biomedical and Diagnostic Sciences – Dr. Michael F. McEntee
Large Animal Clinical Sciences – Dr. David E. Anderson
Small Animal Clinical Sciences – Dr. Juergen Schumacher

Office for Academic Affairs
The Office for Academic Affairs is responsible for professional student admissions, student advancement, financial aid, and registration. It coordinates the professional curriculum, handles evaluation of courses and instructors, and assists faculty in their instruction. In addition, the college strives to develop a diverse and vibrant student body and student life programing, led by Dr. Michael Jones, Director of Diversity and Student Services. The office is headed by the Associate Dean for Academic Affairs, Dr. Claudia Kirk.

Office of Research and Graduate Studies
The Office of Research and Graduate Studies handles the administration of extramural research grants and contracts awarded to faculty, residents, graduate students, and veterinary students. The office also conducts intramural grant competitions for funding of proposals from faculty, residents, and veterinary students and administers the Comparative and Experimental Medicine graduate program, directed by Dr. Stephen Kania. The office is headed by the Associate Dean for Research, Dr. Michael McEntee.

College and Veterinary Medical Center
The academic program of the college is carried out by faculty in three departments: Department of Biomedical and Diagnostic Sciences, Department of Large Animal Clinical Sciences, and the Department of Small Animal Clinical Sciences

The veterinary medical hospitals are administered under the dean by head of the Department of Large Animal Clinical Sciences, Dr. David Anderson, and the head of the Department of Small Animal Clinical Sciences, Dr. Juergen Schumacher. These individuals are responsible for the professional services of the VMC.

A variety of groups, including councils and committees, have been established to increase college and hospital input into the decision-making process. The college faculty make up one group. Their organization is set forth in the Faculty By-Laws of the UTCVM. The dean, associate deans, and department heads constitute the UTCVM Executive Committee.
## Academic Departments

### Large Animal Faculty

<table>
<thead>
<tr>
<th>Faculty Name</th>
<th>Department/Field</th>
</tr>
</thead>
<tbody>
<tr>
<td>David Anderson</td>
<td>Department Head, Farm Animal Surgery</td>
</tr>
<tr>
<td>Steve Adair</td>
<td>Equine Surgery</td>
</tr>
<tr>
<td>James Blackford</td>
<td>Section Chief, Surgery</td>
</tr>
<tr>
<td>Marc Caldwell</td>
<td>Farm Animal Field Services</td>
</tr>
<tr>
<td>José Castro</td>
<td>Equine Field Services and Surgery</td>
</tr>
<tr>
<td>Madhu Dhar</td>
<td>Research Associate Professor</td>
</tr>
<tr>
<td>Tom Doherty</td>
<td>Anesthesia</td>
</tr>
<tr>
<td>Vincent Doré</td>
<td>Farm Animal Medicine</td>
</tr>
<tr>
<td>Meggan Graves</td>
<td>Equine and Farm Animal Field Services</td>
</tr>
<tr>
<td>Melissa Hines</td>
<td>Equine Internal Medicine</td>
</tr>
<tr>
<td>Andrea Lear</td>
<td>Farm Animal Field Services</td>
</tr>
<tr>
<td>Dr. Eric Martin</td>
<td>Equine Field Services</td>
</tr>
<tr>
<td>Karen McCormick</td>
<td>Equine Internal Medicine</td>
</tr>
<tr>
<td>Megan McCracken</td>
<td>Emergency Critical Care and Surgery</td>
</tr>
<tr>
<td>Pierre-Yves Mulon</td>
<td>Farm Animal Medicine &amp; Surgery</td>
</tr>
<tr>
<td>Tulio Prado</td>
<td>Theriogenology</td>
</tr>
<tr>
<td>James Schumacher</td>
<td>Equine Surgery</td>
</tr>
<tr>
<td>Mohammed Seddighi</td>
<td>Anesthesia</td>
</tr>
<tr>
<td>Carla Sommardahl</td>
<td>Equine Internal Medicine – Section Chief</td>
</tr>
<tr>
<td>Lew Strickland</td>
<td>Animal Science / Extension</td>
</tr>
<tr>
<td>Neal Valk</td>
<td>Equine Field Services</td>
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<tr>
<td>Ricardo Videla</td>
<td>Farm Animal Medicine and Surgery</td>
</tr>
<tr>
<td>Brian Whitlock</td>
<td>Farm Animal Field Services / Theriogenology</td>
</tr>
<tr>
<td>Small Animal Faculty</td>
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<td>-------------------------------------------------------------------------------------</td>
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</tr>
<tr>
<td>Juergen Schumacher, Department Head, Avian &amp; Zoological Medicine</td>
<td>Alfred Legendre, Professor Emeritus, Medicine</td>
</tr>
<tr>
<td>Julia Albright, PetSafe Chair of Veterinary Behavior</td>
<td>Liz Lennon, Internal Medicine/Research</td>
</tr>
<tr>
<td>Lane Anderson, Instructor</td>
<td>Cassie Lux, Soft Tissue Surgery</td>
</tr>
<tr>
<td>Jeffrey Biskup, Soft Tissue Surgery &amp; Orthopedic Surgery</td>
<td>Olya Martin, Oncology</td>
</tr>
<tr>
<td>Genevieve Bussieres, Anesthesiology</td>
<td>Dianne Mawby, Internal Medicine</td>
</tr>
<tr>
<td>Maria Cekanova, Oncology</td>
<td>Darryl Millis, Rehabilitation</td>
</tr>
<tr>
<td>Thomas Chen, Ophthalmology</td>
<td>Federica Morandi, Radiology</td>
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<tr>
<td>Andrew Cushing, Avian &amp; Zoological Medicine</td>
<td>Maryanne Murphy, Nutrition</td>
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<tr>
<td>Marie de Swarte, Radiology</td>
<td>Zenithson Ng, Community Practice</td>
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<tr>
<td>Elizabeth Drake, Dermatology</td>
<td>Adesola Odunayo, Critical Care &amp; Emergency</td>
</tr>
<tr>
<td>Marti Drum, Rehabilitation</td>
<td>Shelly Olin, Internal Medicine</td>
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<tr>
<td>Christine Egger, Anesthesiology</td>
<td>Isabella Pfeiffer, Oncology</td>
</tr>
<tr>
<td>Viacheslav Eroshin</td>
<td>Amanda Rainey, Emergency</td>
</tr>
<tr>
<td>Connie Fazio, Radiology</td>
<td>Edward Ramsay, Avian &amp; Zoological Medicine</td>
</tr>
<tr>
<td>Linda Frank, Dermatology</td>
<td>Julie Schildt, Critical Care &amp; Emergency</td>
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<tr>
<td>Rebecca Gompf, Cardiology</td>
<td>Kyle Snowdon, Surgery</td>
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<tr>
<td>Cheryl Greenacre, Avian and Zoological Medicine</td>
<td>Jennifer Stokes, Medicine</td>
</tr>
<tr>
<td>Ralph Harvey, Anesthesiology</td>
<td>William Thomas, Neurology</td>
</tr>
<tr>
<td>Silke Hecht, Radiology</td>
<td>Karen Tobias, Surgery (Soft Tissue)</td>
</tr>
<tr>
<td>Diane Hendrix, Ophthalmology</td>
<td>Katie Tolbert, Medicine</td>
</tr>
<tr>
<td>Adrian Hespel, Radiology</td>
<td>Dan Ward, Ophthalmology</td>
</tr>
<tr>
<td>Amy Holford, Medicine/Community Practice</td>
<td>Joseph Weigel, Orthopedics</td>
</tr>
<tr>
<td>Michael Jones, Avian and Zoological Medicine</td>
<td>Jacqui Whittemore, Medicine</td>
</tr>
<tr>
<td>D.J. Krahwinkel, J r., Professor Emeritus, Surgery (Soft Tissue)</td>
<td>Angela Witzel-Rollins, Nutrition</td>
</tr>
</tbody>
</table>
Biomedical and Diagnostic Sciences Faculty

<table>
<thead>
<tr>
<th>Name</th>
<th>Position</th>
</tr>
</thead>
<tbody>
<tr>
<td>Michael McEntee, Department Head</td>
<td>Pathology</td>
</tr>
<tr>
<td>Deb Miller</td>
<td>Pathology and Wildlife</td>
</tr>
<tr>
<td>David Bemis</td>
<td>Microbiology</td>
</tr>
<tr>
<td>Kim Newkirk</td>
<td>Pathology</td>
</tr>
<tr>
<td>Sherry Cox</td>
<td>Pharmacology</td>
</tr>
<tr>
<td>Shelley Newman</td>
<td>Pathology</td>
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<tr>
<td>Linden Craig</td>
<td>Pathology</td>
</tr>
<tr>
<td>Agricola Odoi</td>
<td>Epidemiology</td>
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<tr>
<td>Mei-Zhen Cui</td>
<td>Research Professor</td>
</tr>
<tr>
<td>Chika Okafor</td>
<td>Epidemiology</td>
</tr>
<tr>
<td>Robert Donnell</td>
<td>Pathology</td>
</tr>
<tr>
<td>Sharon Patton, Professor Emeritus</td>
<td>Parasitology</td>
</tr>
<tr>
<td>Hugo Eiler</td>
<td>Physiology/Endocrinology</td>
</tr>
<tr>
<td>Naveen Rajasagi</td>
<td>Microbiology</td>
</tr>
<tr>
<td>Kelli Fecteau</td>
<td>Endocrinology</td>
</tr>
<tr>
<td>Robert Reed</td>
<td>Anatomy</td>
</tr>
<tr>
<td>Bente Flatland</td>
<td>Clinical Pathology</td>
</tr>
<tr>
<td>Barton Rohrbach, Professor Emeritus</td>
<td>Epidemiology and Statistics</td>
</tr>
<tr>
<td>Michael Fry</td>
<td>Clinical Pathology</td>
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<tr>
<td>Barry Rouse, Ocular Research Professor</td>
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<tr>
<td>Richard Gerhold</td>
<td>Parasitology</td>
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<tr>
<td>Deanna Schaefer, Clinical Pathology</td>
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<tr>
<td>Luca Giori</td>
<td>Physiology/Endocrinology</td>
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<tr>
<td>John Schaefer, Parasitology</td>
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<tr>
<td>Feng Hao</td>
<td>Research Assistant Professor</td>
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<tr>
<td>Marcy Souza, Public Health and Wildlife</td>
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<tr>
<td>Stephen Kania, Immunology</td>
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<tr>
<td>Elizabeth Strand, Veterinary Social Work</td>
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<tr>
<td>Melissa Kennedy, Virology</td>
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<tr>
<td>Mee-Ja Sula, Anatomic Pathology</td>
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<tr>
<td>Tomas Martin-Jimenez, Pharmacology</td>
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<tr>
<td>Sharon Thompson, Food Health and Safety</td>
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<tr>
<td>Donald McGavin, Professor Emeritus</td>
<td>Pathology (Pathology)</td>
</tr>
<tr>
<td>Hwa-Chain Robert Wang, Oncology Research Professor</td>
<td></td>
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</tbody>
</table>

Student Participation on College Committees

Several college committees include students to increase college input into the decision-making process. Students are unique resources for views and ideas that can improve the college. Each class elects a representative to the Curriculum Committee to attend and participate in meetings as voting members. Students, typically seniors, may be appointed to applicant interview teams with members of the Admissions Committee. Students also participate in the Educational Enhancement Committee.

Summaries for Committees with Student Relevance

Assessment Committee (Chair: Dr. Dianne Mawby)
The purpose of the Assessment Committee (AC) is to develop methods to measure the effectiveness of the college’s professional educational program. This is accomplished using student evaluations of teaching, the use of outcomes measurements, developing and implementing stakeholder surveys, and other methods as needed. Responsibilities include:

- Overseeing course and instructor evaluations, including developing and refining instruments, and overseeing methods to obtain data from students
- Providing summary analysis of data and providing recommendations to the Curriculum Committee, Executive Committee, and others as necessary
- Developing methods to measure stated clinical competencies for program evaluation
• Preparing the outcomes assessment portion of the self-study required for American Veterinary Medical Association-Council on Education (AVMA-COE) accreditation
• Preparing the outcomes assessment section of the annual progress reports required by AVMA-COE

The AC consists of one faculty member from each department, selected by the department head and approved by the dean; the director of the Educational Enhancement Committee (ex officio); and the chair of the Curriculum Committee (ex officio). Members will rotate off the committee in staggered 3-year terms. Members will have voting privileges, except the director of the Educational Enhancement Committee and the chair of the Curriculum Committee, who serve in an advisory role. The director of assessment will serve as the committee chair as a voting member.

Curriculum Committee (Chair: Dr. Mike Fry)
The Curriculum Committee (CC) represents the faculty, who ultimately own the professional DVM curriculum. The purpose of the CC is to oversee the development of the curriculum with careful regard to the sequence of professional courses and content delivery, the adequacy of course educational content, and the appropriate degree of curriculum redundancy. The specific responsibilities of the CC include:

• Perform an annual curriculum assessment defining the strengths and weaknesses of the preclinical and clinical phases of the professional degree program. This annual assessment will be documented through a year-end written report to the college Executive Committee and will include curricular changes considered during the year (both approved and denied changes) and recommendations for curricular changes to be considered by the committee during the following academic year.
• Review to approve or deny requests for elective clinical experiences outside the UTCVM
• Review faculty requests for curricular change that would substantially impact other portions of the curriculum and prepare a recommendation to be voted on by the faculty
• Address curricular issues that arise on an ad hoc basis and, depending on the nature of the issue, either handle the matter within the committee or prepare a recommendation for faculty vote
• Provide the Associate Dean for Academic Affairs, as needed, support to facilitate UTK Graduate Council approval of UTCVM faculty-approved curricular changes
• Perform annual course reviews and provide written reports summarizing committee discussion for course coordinator consideration and use, as appropriate

This committee shoulders a particularly important responsibility for the college and veterinary profession. Committee members should embrace the concept of educational creativity and are encouraged to continually survey the national and international educational environment for new, innovative forms of teaching, and when appropriate, develop and implement creative educational ideas into the professional curriculum to meet our college goal of advancing the art and science of veterinary medical education.

The CC will consist of fifteen (15) members: two faculty members from each department, one student member from each professional DVM class, and four ex officio members to include the Associate Dean for Academic Affairs, Curriculum and Assessment Coordinator, chair of the Educational Enhancement Committee, and the chair of the Assessment Committee. Department faculty members will be recommended by their respective department head and appointed by the dean of the college.

Student members will be determined by class election. All members of the committee will have voting privileges, except the chairs of the Educational Enhancement and Assessment committees, who will both serve in an advisory role to the committee. The CC chair is appointed by the dean.

The CC is a standing college committee and as such shall meet once monthly throughout the academic year; additional meetings may be called as needed by the chair. The chair leads discussions or calls on individuals to lead discussions on various agenda items. Some business, discussions, and voting may
occur electronically, when appropriate. Meetings where a vote is necessary are conducted according to Robert’s Rules of Order. The chair has authority to make assignments to committee members.

Scholarship Awards Committee (Chair: Dr. Claudia Kirk)
The Scholarship Awards Committee is composed of faculty and staff members. In the fall, the committee meets to distribute available scholarship money to students based on the criteria outlined for each individual scholarship (criteria are determined by the donors who established the scholarships).

Educational Enhancement (Chair: Dr. Lane Anderson)
The goal of the Educational Enhancement Committee is to improve relations between students and faculty. This committee strives to assist students on a more personal level as they progress through the veterinary curriculum. The responsibilities of this committee are as follows:

- Assist with the Tennessee Leadership Camp (August)
- Organize and execute the White Coat Ceremony (August)
- Assign advisors to first-year students (September)
- Reassign mentors/advisors for students requesting a new one or for those who had his/her mentor leave UTCVM (year round)
- Mentor/mentee lunch in fall (October)
- Fall finals week study break (December)
- Hill’s Jump J am (January)
- Mentor/mentee lunch in spring (February)
- Spring Fling (April)
- Organize and execute the “Scrubbin’ In” ceremony (April)
- Spring finals week study break (May)

In addition to these specific responsibilities, students should feel free to contact any member of the Educational Enhancement Committee regarding any concerns with their classes, lecturers, or advisors/mentors.

Student Organizations
For more information about any of the following student organizations, including representative contacts, see https://vetmed.tennessee.edu/VetNet/Documents/Class_and_Club_Officers.pdf.

Student Chapter of the American Veterinary Medical Association (SCAVMA)
UT SCAVMA provides a forum for its members to interact on a professional and social level. It provides members with the opportunity to gain professional knowledge and an understanding of medical ethics and conduct and the benefits of organized veterinary medicine. SCAVMA’s monthly meetings provide an opportunity for students from all four classes/years to meet and interact socially. SCAVMA organizes dances and parties during the year and sponsors the Annual Awards Banquet in the spring. In addition, students who graduate as members in good standing are automatically eligible for many benefits offered by the AVMA. SCAVMA is dedicated to promoting friendly relations among students and between students, faculty, and the professional community.
To join SCAVMA, a student can come to a meeting and pay dues or contact his or her student SCAVMA representative. To become a member in good standing, it is necessary to actively belong to a committee sometime during the 4 years of veterinary school and be a dues-paying member. All students currently enrolled in the UTCVM are encouraged to become members and add another dimension to their professional education. SCAVMA also acts as a link between the university and the AVMA, making available the many programs and opportunities this organization has to offer.

**SCAVMA Class Representatives** act as a liaison between classes, SCAVMA, and the college and serve on the SCAVMA Executive Board; collect membership dues and keep the Office of Educational Enhancement informed of SCAVMA activities and actions that concern the college, etc. **Time commitment** - moderate to considerable.

**Student Chapter of ACVIM**

The American College of Veterinary Internal Medicine (ACVIM) is the national certifying organization for veterinary specialists in large and small animal internal medicine, cardiology, neurology, and oncology. Joining a student chapter of ACVIM is beneficial to those who plan to pursue board certification after graduation, as well as those who wish to work in a general practice setting. The student chapter organizes monthly educational lunch meetings with board-certified speakers in a variety of specialties, as well as holds an annual wet lab for students to gain more hands-on experience with different diagnostic techniques.

**Aquaculture and Aquatic Medicine Club**

The Aquaculture and Aquatic Medicine Club provides students with an interest in aquatic animal medicine opportunities to learn more about this emerging field and ways to get involved in it. It is also a student chapter of the World Aquatic Veterinary Medical Association (WAVMA).

Throughout the year, the organization offers lunchtime lectures, journal and case discussions, opportunities for hands-on experience and learning, as well as planned trips to local aquariums and aquaculture facilities. They also provide a frequently updated list of externships and other opportunities in the field of aquatic animal medicine.

**Avian, Wildlife, and Exotics (AWE)**

AWE provides a forum for students with an interest in all aspects of avian, wildlife, pocket pet, reptile, and zoo medicine. Throughout the year, the organization offers lunchtime lectures, speakers for general SCAVMA meetings, and opportunities for hands-on experience. It also provides a list of externships in exotic animal medicine.

**Behavior & Alternative Medicine (BAM) Club**

This club was started in 1993 and serves to inform students of the holistic method of treating animals' health problems. Holistic topics include acupuncture, behavior, chiropractic, herbal therapies, homeopathy, nutrition, and other alternative modalities.

Topics are based on club member interests. Speakers include those in the UTCVM, Knoxville veterinarians who use alternative treatments, and once a year, a speaker from another part of the country visits to discuss behavior or alternative medicine.

In 1996, the AVMA established guidelines with respect to alternative medicine. This club hopes to open doors for many students with these interests.

**Canine Club**

The Canine Club was formed to provide students with a forum to discuss and learn about aspects of canine medicine, behavior, and other issues beyond those presented in the classroom. The club was organized and began operation as a SCAVMA club in 1997. In 1998, the club took responsibility for organizing and operating the Canine Parade of Breeds portion of UTCVM's Open House. The club holds bimonthly meetings featuring topics of interest to club members concerning canines. Speakers include...
members of the faculty, invited guests from outside the college, and veterinary students with dog-related expertise. The club is also responsible for one general SCAVMA meeting during the year, which features an authority on a canine-related topic.

Christian Veterinary Fellowship

Christian Veterinary Fellowship (CVF) is a Christ-centered group that focuses on service. As a club, they meet every Monday during lunch and either have a speaker or hold a Bible study. Outside of that time, the mission is to serve the students, faculty, and community. Some of these services include sending encouraging notes before exams, providing free meals to faculty and students, and serving communities within and outside of the United States that need veterinary assistance such as rural Kentucky, Nicaragua, and Costa Rica.

Equine Club

The Equine Club at the University of Tennessee is a student chapter of the American Association of Equine Practitioners. Bi-monthly meetings are held at noon (everyone is welcome to meetings, not just members!).

Other activities planned for the year include wet labs on endoscopy, bandaging, dentistry, foot trimming, and field trips. Students can also gain clinical experience by becoming a member of the Equine Emergency Team. Members of this team are called upon about twice a month to help with any emergencies that come into the clinics after hours.

Feline Club

Feline Club has lunchtime lectures about topics in medicine and surgery of domestic cats (and occasionally large cats). The club takes yearly trips to Tiger Haven, a large cat sanctuary in Kingston, TN.

Food Animal Club

The Food Animal Club is an organization for students who are interested in production medicine of cattle, swine, camels, small ruminants, and poultry. They hold monthly lunch meetings with speakers and/or case presentations relating to these species, as well as perform hospital case rounds every Wednesday during the lunch hour. They also participate in national organizations such as the American Association of Bovine Practitioners and the American Association of Swine Veterinarians and try to send students to these conferences each year. The club typically conducts a wet lab symposium one weekend during the academic year so that students can gain hands-on experience in several different aspects of production medicine.

International Veterinary Students Association (IVSA)

IVSA is designed for students with an interest in international veterinary medicine. They provide an extensive list of international contacts for externship and volunteer opportunities, work with the international organization in assistance of student exchange programs, coordinate lunch lectures exhibiting a variety of world experiences, and plan a large social mixer every semester to build upon the school’s natural cultural diversity. Every year, IVSA also offers a travel scholarship for 1-2 students performing veterinary services abroad!

Lesbian and Gay Veterinary Medicine Association (LGVMA)

The LGVMA is a professional organization that celebrated its 20th anniversary in 2013 and has a long-standing relationship with the AVMA as well as other veterinary associations. It was founded to represent and support those LGBT individuals and allies within the veterinary field. Similarly, the goal of the UT chapter is to serve as an organization that fosters acceptance, inclusion, and leadership for veterinary students, veterinarians, faculty, and veterinary technicians of all sexual orientations and gender identities and their allies through community development, professional advocacy, and personal empowerment. All individuals are welcome and encouraged to join and participate, regardless of sex, gender, sexual
orientation, race, religious beliefs, occupation, education, etc. This club's hope is to enhance the UTCVM experience for both LGBT individuals and allies. Meetings, speakers, and events are related to LGBT and allied areas both within the veterinary profession and the community with a focus on enhanced diversity, acceptance, and awareness.

One Health Club

- **Vision.** Interdisciplinary cooperation for improved health of humans, animals, and the environment.
- **Mission.** To provide students with educational opportunities and practical experience in collaborating with other disciplines to improve the health of individuals and populations.
- **Values.** We believe that the only way to properly treat any human, animal, or ecosystem is to understand the interplay between the three. By approaching health issues as a manifestation of various contributors, we hope to provide better and more successful care long-term.
- **Strategy.** Engage other clubs (SAVE, IVSA, MPH, WDA) and organize joint meetings; discuss emerging infectious zoonotic diseases; organize a mock outbreak so members can see the interplay of various disciplines in that type of scenario; recruit speakers (USDA vet services and wildlife services, Vanderbilt's Global Health Initiative veterinarian, state veterinarian etc.); celebrate world rabies day and provide information to non-member students about current rabies issues worldwide; provide bat necropsy lab and pathology identification in regard to potential infectious diseases; connect students with Vets for Pets with Homeless Owners and Companion Animal Initiative of Tennessee to provide exposure surrounding the human-animal bond; and provide informational materials for incoming students about the Master of Public Health (MPH).

Pain Management

The Pain Management Club seeks to educate veterinary students on traditional and non-traditional forms of analgesia and anesthesia for small and large animals, as well as exotics. Monthly meetings are held for lectures on various topics, and lunch is often provided. Hands-on opportunities are available once per semester to learn techniques previously lectured on during meetings.

Pathology Club

Pathology is the study of the origin and processes of diseases, from the cellular and physiologic level to the whole animal. Pathology is exciting because it unifies all aspects of medicine.

Pathologists study all diseases: infectious, neoplastic, metabolic, inflammatory, or otherwise... and study all organ systems, from cardiology to neurology to dermatology and more. Pathology is fascinating, pathology is important, and pathology is beautiful! The Pathology Club at UTCVM stimulates student interest in clinical and anatomic pathology. It offers many fun activities and great ways to get involved!

PAWsitive Impact

PAWsitive Impact is a service-centered wellness club focused on addressing the prevalence of poor wellness within the veterinary community. PAWsitive Impact's mission is three fold: to promote veterinary wellness within UTCVM and the public through service and education, to educate members on recognizing and preventing poor wellness, and to improve wellness among its own members. Meetings include lunchtime lectures, service projects, and de-stressing activities. "Wet labs" include continuing education such as suicide prevention training and canine and human CPR training.

SAVE

SAVE is a club that shares and holds true to the principles of our parent organization Alliance of Veterinarians for the Environment (AVE). This organization is for veterinarians and others interested in building upon the connections between animal health and well-being and environmental and ecosystem
health. They are dedicated to promoting environmental health and the conservation of nature through education and research within the veterinary profession.

Throughout the year, the club offers informational meetings with unique speakers for topics that are rarely thought of or covered during course lectures, such as “The Importance of Honeybees & Our Civilization” and “The Human Impact on the Salamanders of The Great Smoky Mountains National Park.” The club is geared toward raising awareness of our impacts on our environment as veterinarians. To help relieve students’ stress, they also have outings such as paddle boarding, hiking, and social events.

**Student Chapter of the American Association of Equine Practitioners (SCAAEP)**

SCAAEP provides opportunities for students interested in equine medicine and surgery. The club offers lunch and dinner meetings with a variety of equine-related lecture topics throughout the year. Wet labs for each class year, as well as an AAEP-sponsored lab, are organized for students. Additional opportunities include attending conventions, volunteering at nearby equine events, and other ideas members may have that pertain to their particular interest area in equine practice.

**Shelter Medicine Club**

The Shelter Medicine Club is open to all veterinary students, especially those who are interested in small animal medicine, spay and neuter surgery, and animal sheltering issues. We are a chapter of the Association of Shelter Veterinarians, which means that students can apply for scholarships to attend national conferences and other national opportunities through our club.

The club works closely with the Companion Animal Initiative of Tennessee, helping them with fundraising for their projects and educating the public about animal shelters and spay/neuter at the UTCVM Open House every year. Each fall, they organize a wet lab where members of the club learn the high-volume, high-quality spay/neuter method from local veterinarians from Young-Williams Animal Center. Students watch a demonstration and then have the opportunity to practice surgical techniques on cadavers. In the spring, they have traditionally held a fundraiser selling personalized lab coats for students, faculty, and staff, and the proceeds have been donated to animal shelters and rescues.

Every month, they have a lunch meeting and have had a variety of guest speakers. Once a year, students who participated in the HSVMA Rural Area Veterinary Services mission trip over the summer talk about their personal experiences.

**Student Veterinary Emergency and Critical Care Society (SVECCS)**

The SVECCS is a student-run organization that was re-introduced to the university in 2013 after a hiatus. We are a chapter of the national organization VECCS. The purpose of this club is to promote the education and involvement of veterinary students in all aspects of emergency and critical care medicine. Our club has informative lunch meetings with doctors in the emergency/critical care field, promotes involvement by allowing students to volunteer in the critical care unit throughout the semester, and holds wet labs.

**Small Animal Surgery Emergency Team (SASET)**

SASET is a group of students interested in surgical treatment, care, and support of patients presented to the Small Animal Clinic for emergency surgical procedures. Students belonging to this team have an opportunity to observe, assist, and participate in the emergency surgeries of patients presented to the Small Animal Clinic. The major objective of the team is to provide an opportunity for students to increase their knowledge about the science and art of small animal surgery with emphasis on preparation, participation, recovery, and emergency care of surgical patients.

**Theriogenology**

The Theriogenology Club serves as a way for members to gain experience in theriogenology of various species. Guest speakers and wet labs provide insight, information, and training in all aspects of this facet of veterinary medicine, including artificial insemination, embryo transfer, gestational management,
parturition assistance, common reproductive problems and diseases, pregnancy detection, estrus synchronization, etc. Students with interest in both small and large animal theriogenology are given the opportunity to learn more about these topics in their fields of interest. Lunch meetings are held monthly, and there is normally a wet lab for students each semester, along with various events coordinated with both Food Animal Club and SCAAEP at UTCVM.

Veterinary Business Management Association (VBMA)

VBMA is a student-driven organization dedicated to advancing the profession through increasing business knowledge, creating networking opportunities, and empowering students to achieve their personal and professional goals. VBMA aims to expand student awareness and knowledge by scheduling speakers for meetings and organizing seminars to cover relevant topics to veterinary practice that lie outside the current veterinary medical curriculum. By networking with professionals within and outside our discipline involved with business management, finance, leadership, marketing, law, and communication, VBMA ensures quality and relevant information for students in the way of financial affairs, entry into the job market, personnel management skills, and opportunities that are available to persons with a DVM degree. VBMA also offers a nationally recognized Business Certificate Program as an additional membership that consists of attending meetings for an allocated total of business education hours. Completion of the program then rewards students with validation by certification to present to future employers for increased hirability and giving each individual more opportunity for priceless networking with peers and professionals in the industry, and a more successful future in our profession.

Guidelines for Class Organization

The following is an outline for class organization and election of officers.

Year 1 Elections

Elections are guided by the 2nd-year class presidents during the first several weeks of school. The process is initiated when an e-mail is sent out listing what leadership positions are available and a description of the responsibilities for each position. Additionally, the 2nd-year student executive board meets with the 1st-year class to talk in more detail about the positions they hold. Nominations follow during the next week. Students have the option to run as individuals or as co-position holders, and there are no set rules about which positions are singular and which are co-positions; however, traditionally, president, social chairs, and fundraising chairs are all co-positions due to work load required and the responsibilities. Presidents are often one female and one male in order to equally represent the class. Once the nomination period is over, each self-nominated candidate or set of co-candidates gives a short speech to the class during a free lunch period. Then, the 2nd-year presidents will run the actual elections. Usually, there are printed paper ballots where one’s choice is to be circled. Second-year presidents are in charge of counting ballots and reporting the results to the first years.

Year 2 and 3 Elections

Each class holds elections at either the end of the spring semester (usually the 3rd years) or the beginning of the fall semester. These are run similarly as 1st-year elections in that following the announcement of elections, there is a week for self-nominations. If there are multiple nominees for any position, then the current position holder and challenger both give speeches, and then voting occurs. The presidents are in charge of this unless they too are running against someone, in which case another unchallenged officer will be in charge of counting ballots to ensure fairness. If a position is unchallenged, the current position holder can choose to retain that position for the year or decline it, and the position will be opened and the class asked to fill it. If no one fills the position, the responsibilities of that position are absorbed by the rest of the executive board.

Class Financial Responsibilities

Each class is responsible for a significant financial commitment each year, which is why the fundraisers, social chairs, and president positions are labor intensive. The 1st-year class oversees the Halloween Party
as its major event. The cost is typically around $3,000, and so substantial fundraising is required, especially from this newly established class. The 2nd-year class oversees the Halfway to Clinics formal event, which varies in cost between $6,000–$10,000. A considerable portion of the cost is covered by ticket sales, but considerable fundraising efforts are also required by the class. The 3rd-year class oversees Open House on the second weekend in April. While approximately $3,500 comes from sponsors, the class is responsible for the other $3,500, which comes from fundraising efforts.

The following is a suggested general outline of class officers:

Class Officers

Typically, each class will have each of these positions:

- **President (2)**. Preside over all meetings and be a member of all standing and temporary committees. Time commitment: considerable.
- **Vice President (2)**. Provide support to the presidents. Time commitment: moderate.
- **Treasurer**. Open and sustain a class account and pay bills. Time commitment: moderate.
- **Secretary (2)**. Keep minutes of class meetings and facilitate communications between class members. Time commitment: moderate.
- **SCAVMA Representative (1)**. Act as a liaison between classes, SCAVMA, and the college and serve on the SCAVMA Executive Board; collect membership dues and keep the Office for Educational Enhancement informed of SCAVMA activities and actions that concern the college. Time commitment: moderate.
- **Curriculum Committee Representative (1)**. Attend and participate in meetings of the college Curriculum Committee as voting members. Each class designates one student representative, by class election.
- **Academic Chair (1)**. Serve as a liaison with faculty and staff to reschedule classes that are missed and set up exam reviews.
- **Fundraising Chair (2-3)**. Assist with class fundraising to oversee the Halloween party, Halfway to Clinics Formal, and Open House.
- **Service Chair (2)**.
- **Social Chair (2)**.
- **Historian (2)**.

Current Class Presidents

- 2018 – Casey Clements & Nathan Crilly
- 2019 – Abby Geick & Andrew Jordan
- 2020 – Heath McAlexander & Rachael Wolters
Special Student Events

Tennessee Welcome (August 16-18)
Prior to the start of classes, the incoming class participates in a Tennessee Welcome. The students come together for a 2-day offsite leadership/team building experience accompanied by their rising sophomores followed by a family day and concluding White Coat Ceremony Friday evening.

White Coat Ceremony (August 18)
Prior to the start of 1st-year classes, a ceremony is held to recognize the incoming class of students. At this informal event, each student is presented with a UTCVM white lab coat.

Big Sib/Little Sib
Each incoming veterinary student has a "big sib" who acts as his or her mentor and guide through the program. These students can provide advice on classes, studying, and other resources that they found useful.

Faculty Advisor/Advisee Program
Each incoming student is assigned to a participating faculty member for advising. This takes the form of faculty advising students in their academic pursuits but also for externship and elective advice. The faculty member acts as a resource for academic situations. Additionally, the Educational Enhancement Committee sponsors a lunch event in both semesters to allow advisors and advisees to interact. Additional social events can be planned at the discretion of the advisors.

Study Days (Dec 6 [fall] and Apr 30 [spring])
Study days are held in the fall and spring semester, between the end of class and the beginning of exams. Snacks are provided in the Sequoyah Room, and faculty stop by to provide encouragement for the upcoming exam period.

Center of Excellence Veterinary Student Summer Research Program
The Center of Excellence in Livestock Diseases and Human Health provides funding for research projects that are mentored by the veterinary school faculty. A match is organized so as to select the best 1st- and 2nd-year students to work on these projects each summer. The range of topics varies, and most departments and subjects are represented. The students may not work more than 400 hours. Many end up with poster or paper publications from the experience.

Preference is given to students who are participating for the first time, but some students take part more than once.

Anesthesia Crew
Second-year students may apply for placement in the anesthesia crew. These are paid positions that give students employment for the summer but also a chance to jump-start time in clinics. Competition is considered strong for this summer opportunity.

Emergency Clinical Pathology Student
Clinical pathology employs students to cover on-call periods. These students are paid for their service. Oftentimes they must perform simple laboratory procedures for patients in the off hours.
Sophomore Summer Externship Program: Veterinary Practitioners and UT Learning and Teaching Together

The intent of this program is to provide sophomore veterinary students (5th-semester professional students) opportunities to work directly with private veterinary practitioners, to learn from them, to appreciate their professional dedication and skills, and to obtain hands-on experience in primary care veterinary medicine.

Students are expected to fully participate as a member of the veterinary practice, learning from not only the practice veterinarians, but from the entire practice staff, including veterinary technicians, veterinary assistants, receptionists, and practice managers. The emphasis of the clinical experience is on understanding common primary healthcare presentations in companion animals, gaining respect and appreciation for some of the underlying business decisions in private practice, and achieving competency in performing some technical skills considered basic to the practice of veterinary medicine.

Each student is provided a veterinary practice manual containing medical learning objectives considered essential for entry-level veterinarians. The manual is designed into chapters with each chapter containing medical questions for which each student must seek answers through veterinary medical textbook readings. The Textbook of Internal Medicine, by Stephen Ettinger and Ed Feldman, is used for this externship program.

In addition to acquiring primary care medical knowledge, students are expected to begin to master some essential technical skills and professional competencies.

Scholarship Celebration (Thursday, April 12)

This event is attended by students, faculty, and staff. Awards are given during a formal event following a luncheon. The majority of the awards are for students. In addition, the outgoing class selects and awards whom they feel are the college’s best clinician, resident, intern, and technician. All students are invited to attend.

Senior Banquet (Friday, May 11)

New in 2017, this event is attended by students and their guests, faculty, and staff. Awards are given during a formal event following dinner. All senior students are invited to attend.

Scrubbin’ In (Thursday, April 19)

This is an informal ceremony to welcome the rising seniors to clinics. It is attended by the outgoing seniors, faculty, and staff. Rising seniors receive advice from outgoing seniors and are given their UTCVM scrub tops and a pharmacy formulary.

Open House (Saturday, April 23)

Open house is a 1-day event where the veterinary school is open to the public. Students conduct tours, present educational information with numerous displays, and features animal events such as a parade of dog breeds, a ruminated cow, and teddy bear surgery. It is a great public event that draws local media attention.

Commencement (Saturday, May 12)

This is a formal event attended by faculty, students, staff, and families. It is held during the commencement period for the university and is at the Alumni Memorial James Cox Auditorium. A reception is held at the UTCVM following the event.
Advice for First-Year Students...from Upperclassmen

Study Skills

“If you have an effective study strategy, stick with it! Don't let other people pressure you into a different study style if it is not your own. Try to get involved in some interesting clubs and wander down to the hospital and ask questions. The vets are more than willing to answer questions. Make sure to reserve some time for yourself and the stuff you love. Read, workout, do anything you enjoy!”

“Study hard but also take time to exercise and do things you love. It will keep you sane!”

“For every class you had a lecture in, study 30–50 minutes per subject each night. Then, take one evening off per weekend to do something enjoyable.”

“Buy printed notes the first semester, no matter what. You'll use them like you never thought possible. Then you can decide if you want pre-printed or a CD/electronic notes for the rest of the semesters. Put these notes in a 2-3-inch binder and bring the most pertinent notes for each class.”

“Take the objectives that are handed out in class very seriously, especially for Anatomy! Start studying as soon as you can for every test. But, don't forget to spend time with your family and friends; you will need a support system! Also, try to find something you like about every class to make it more enjoyable. Always keep a positive attitude, and you will do great!”

“Stay ahead. If you want a jump start, purchase the anatomy book early from Amazon and just start reading. Having a general idea of material before will help as you won't be seeing it for the first time. Don't worry about what other people are doing. Everyone studies a general idea of material before will help as you won't be seeing it for the first time. Don't worry about what other

“All the required textbooks aren't really required (except anatomy and parasitology). Start paying off loans while you're still in school, if you can, to decrease your principal.”

“See what textbooks the library has in the stacks or online, and try them out before you buy them!”

“Make yourself a day-to-day schedule and STICK to it. Even if you don't have a test coming up, make sure you set aside a couple hours a night for reviewing material, but also set aside at least an hour or two a night to do what you enjoy, be it working out or just watching some TV. It will be a little rocky and a little rough at first to live by a set schedule, but in the end you will greatly appreciate the fact that you did.”

“A lot of places require a 3.5 GPA or higher for internships after you graduate. They tell you not to worry too much about grades, but obviously, if you have certain things in mind, you do need to worry about your grades.”

“Ask lots of questions of your faculty. They will answer. Don't freak out; it doesn't get you anywhere.”

“Get the dissection guides for anatomy.”

“Go to rounds; it's okay if you don't know the answers.”

“Join some clubs, but not ALL of them. Take a break every now and then.”

“Study the way it works for you. Don't change the way you study just because someone said it works for them.”

“Don't get bogged down trying to learn everything on your own. Make friends and study with them. It's also okay to use past class study materials to supplement your learning. That material saves a lot of time and effort, but be careful as there can be some mistakes.”

“Find a good small group of friends to study with. It makes the long nights much more bearable.”

“When you are trying to figure out how to study when coming to vet school, DO NOT change your habits that work for you because someone else told you that you wouldn't have time to make flash cards or study guides, etc. Continue to study how you did in undergrad and make changes as you see fit. I changed how I studied the first semester based on what the second years told me...bad idea. When I switched back to studying how I'm used to, my grades soared. So, don't always listen to what others tell you to do/not do.”

“Get the dissection kit. You will need it regardless of your lab habits. Use the Skydrive account and especially look at the old exams. Sundays are for cooking; Saturdays are for studying and cleaning. Use a crock pot.”

“Ask the students from the previous year which textbooks to buy. Sometimes the professors think books are more or less helpful than they really are. Study for all your classes regardless of what students from previous years tell you. Learn to share work. You are not possibly going to make a study guide for each class, but all of you together can.
Share notes, share advice from big siblings, share everything. You’re not in competition anymore, and most of you will need the help just to get through your courses without going crazy.

Disability

“If you have a learning disability, set up your accommodations before starting vet school. I didn’t think I would need mine because I didn’t use my accommodations much in undergrad, but you’ll want it for school.”

Social

“Not everyone is out to be better than you. There’s no need to continue competing with everyone once you make it in. Make friends and help each other out! It will make everything better!”

“Show up early on the first day to pick your seat. You’re going to be spending 5 hours a day in it for 9 months, so you might as well be sitting somewhere you like.”

“First-year students are in charge of raising the money for and planning the Halloween party. Some of the older students will tell you that this party is a big deal and that you need to spend a lot of time and effort on the planning and fundraising. Ignore them.”

“Allow yourself to say NO to a lot of adorable faces or else you might graduate with several times more pets than you started with!”

“Don’t come to school if you are really sick/contagious; no one wants your sickness to spread to the entire class.”

“You get a discount at the animal hospital.”

Technical

“Stethoscopes can be bought from VBOT for a competitive price. Any of them will do.”

“Get boots for PD and Anatomy (2nd semester) – easily found at Walmart – get early so that the entire class doesn’t end up going to get some and they run out. Preferably ones that go up near your knees, but most will do.”

“Coveralls run large. If on the edge for height, go lower. You can also try them on in VBOT.”

“VBOT has low-price unisex scrubs!”

“Park in Brehm parking lot – the one facing Neyland Dr/ Joe Johnson Dr.”

“Pick up your parking pass from Parking Services Building on 231 Stephenson Drive (7:30 AM – 4:45 PM) or in Room 24 of the University Center (8:30 AM – 4:30 PM). Or you can have it mailed to you if you can’t make it to the locations.”

“Look at getting an apartment early in the summer. The waiting lists are shorter, and it takes away the stress of moving in and starting school at the same time.”

“You do you. That can mean a lot of things, but I think it’s an important concept to understand for vet school. You are a part of a tight-knit group of highly motivated individuals – that is wonderful and challenging. Keep perspective and take care of yourself. Vet school is a marathon, not a sprint. If you take things one exam, one day, one step at a time, you won’t be so overwhelmed.”

“Vet school is like a race - if you start out really strong at the beginning of the semester then you don’t have to push as hard at the end. AKA, if you do really well on your exams in the beginning, you won’t have to do as well on finals.”
Appendices and Forms

Pertinent Veterinary Student Web Pages

- Biosafety [http://biosafety.utk.edu/](http://biosafety.utk.edu/)
- Counseling Center [http://counselingcenter.utk.edu/](http://counselingcenter.utk.edu/)
- Directions [https://vetmed.tennessee.edu/home/Pages/Contact-UTCVM.aspx](https://vetmed.tennessee.edu/home/Pages/Contact-UTCVM.aspx)
- FERPA (Family Educational Rights & Privacy Act) [http://ferpa.utk.edu/](http://ferpa.utk.edu/)
- Funding, Fellowships, Assistantships for Graduate Students [http://gradschool.utk.edu/graduate-student-life/costs-funding/](http://gradschool.utk.edu/graduate-student-life/costs-funding/)
- Graduate School [http://gradschool.utk.edu](http://gradschool.utk.edu)
- Graduate Catalog [http://tiny.utk.edu/grad-catalog](http://tiny.utk.edu/grad-catalog)
- Graduate Student Appeals Procedure [http://gradschool.utk.edu/faculty-staff/graduate-council/appeals-committee/](http://gradschool.utk.edu/faculty-staff/graduate-council/appeals-committee/)
- Graduate Student Senate [http://web.utk.edu/~gss](http://web.utk.edu/~gss)
- Office of Equity and Diversity [http://oed.utk.edu](http://oed.utk.edu)
- Office of Multicultural Student Life [http://multicultural.utk.edu/](http://multicultural.utk.edu/)
- Office of Information Technology [http://oit.utk.edu/](http://oit.utk.edu/)
- Office of Student Disability Services [http://sds.utk.edu/](http://sds.utk.edu/)
- Parking [http://web.utk.edu/~pso/](http://web.utk.edu/~pso/)
- Safety [http://safety.utk.edu/](http://safety.utk.edu/)
- State of Tennessee Right to Know Act [https://www.tn.gov/assets/entities/labor/attachments/tosha_poster.pdf](https://www.tn.gov/assets/entities/labor/attachments/tosha_poster.pdf)
- Student Code of Conduct [http://studentconduct.utk.edu/](http://studentconduct.utk.edu/)
- Student Health Services [http://web.utk.edu/~shs/](http://web.utk.edu/~shs/)
- Title IX (discrimination information) [http://oed.utk.edu/complaints/title-ix/](http://oed.utk.edu/complaints/title-ix/)
- Universal Precautions [https://vetmed.tennessee.edu/academics/Pages/handbook_policies.aspx](https://vetmed.tennessee.edu/academics/Pages/handbook_policies.aspx)
CHANGE OF NAME REQUEST FORM

Student ID # ____________________________

Former Name

Last ____________________________________ First ____________________________________ Middle/Maiden ____________________________________

New Name

Last ____________________________________ First ____________________________________ Middle ____________________________________

Please choose the most appropriate reason for the requested name change below. In order to verify your name change, we require documentation which shows your name as you wish it to appear on your official record. Attach a readable photocopy of the required documentation (see below for list of required documentation) and submit to the Office of the University Registrar, 209 Student Services Building or One Stop on the ground floor of Hodges Library.

Reason for Change (choose one)                      Document Required for Change to be Made

☐ Marriage                                      Marriage Certificate or Driver’s License with new name
☐ Divorce                                       Divorce Decree or Driver’s License with new name
☐ Legal Name Change                              Court Order or Driver’s License with new name
☐ Correction to Name                             None — we will check our records

Last Term of Attendance: ____________________________

Students who are currently employed (work study program, etc.) by the University of Tennessee, Knoxville must also contact University Payroll, P105 Andy Holt Tower, 865-974-5251, for information about updating their name on their employee record.

Signature ______________________________________ Date: ______________

Local Address: ____________________________________________

Mail or FAX to:

The University of Tennessee
Office of the University Registrar
209 Student Services Building
Knoxville, TN 37996-0200
FAX 865-974-2506
TO: Rising Senior Students (Class of 2018)  
FROM: Dr. Claudia Kirk, Associate Dean of Academic Affairs  
DATE: January 13, 2017  
RE: Required Health Insurance for the Senior Year

Please read the following paragraphs and sign where indicated. Please let me know if you have questions regarding health insurance.

“I understand that the veterinary medicine curriculum requires students to participate in various clinical experiences. Such clinical activities may be on or off the premises of the College of Veterinary Medicine and The University of Tennessee. These clinical activities, by their nature, create the potential for students to be exposed to accidents or illness. It is necessary that students who participate in these clinical rotations have health insurance for their own protection.”

“My signature below indicates that I understand the need for health insurance during the 2017-2018 senior year and agree to provide health insurance for myself during this year.”

NAME (print legibly)

__________________________________________

SIGNATURE

__________________________________________
Student Application for Leave

Pre-Clinical Courses and LACS & SACS Clinical Rotations

Date: ________________

Student Name: _______________________

Date(s) of absence: ______________________

Class/Rotation(s) to be missed: ______________________

Reason for absence: ______________________

For Departmental Use Only

Does this absence need to be made up? Yes □ No □ To be determined □

If yes, will the make-up occur during:

A. Vacation / off block □
B. Clinical externship □
C. Other □

Make-up Date(s) ______________________

Approvals

Clinician for Rotation

Course Coordinator

Department Head

Original: Department office
Copies: Associate Dean for Academic Affairs

Revised 8/14/2017
DEPARTMENT OF BIOMEDICAL AND DIAGNOSTIC SCIENCES

STUDENT LEAVE REQUEST

Student Name: ________________________________

Date of Request: ____________________________

Date(s) of absence: __________________________

Rotation(s) to be missed: □ VMD 803 (Advanced Path–Afternoon) □ VMD 838 (Path–Afternoon)
□ VMD 838 (Path–Morning)
□ Necropsy
□ Parasitology
□ Clinical Pathology
□ Microbiology
□ Surgical Pathology

Reason for absence:
________________________________________________________________________
________________________________________________________________________

For Departmental Use Only

Does this absence need to be made up? □ Yes □ No □ To Be Determined

Approvals

Anatomical Pathologist: ________________________________

Parasitologist/Clinical Pathologist: ________________________________

Course Coordinator: ________________________________

Original: BDS, Room A205

Copies: (A) Associate Dean for Academic Affairs & (B) Student File

Revised 8/14/2017
# THE UNIVERSITY OF TENNESSEE

## INCIDENT REPORT

**Office of Risk Management**
5723 Middlebrook Pike
Suit 218
Knoxville, TN 37996

**Phone:** (865) 974-5419
**Fax:** (865) 974-0936
**Email:** riskmanagement@utk.edu
**Website:** http://riskmanagement.utk.edu

<table>
<thead>
<tr>
<th>Name:</th>
<th>Relationship to UT:</th>
<th>Employee ID#:</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Home Address:</th>
<th>Street:</th>
<th>City:</th>
<th>State:</th>
<th>Zip Code:</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Email Address:</th>
<th>Telephone Number:</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Witness:</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Name:</th>
<th>Telephone Number:</th>
<th>Email Address:</th>
<th>Relationship to UT:</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Campus or Facility of Incident:</th>
<th>Date of Incident:</th>
<th>Time of Incident:</th>
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</thead>
</table>

<table>
<thead>
<tr>
<th>Exact Location of Incident:</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Bldg. Name:</th>
<th>Room #:</th>
<th>Address:</th>
</tr>
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</table>

<table>
<thead>
<tr>
<th>Police Department Contacted (Ex: KPA, UTPD, etc.):</th>
</tr>
</thead>
<tbody>
<tr>
<td>If yes, accident report #: ______________________</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Description of Incident (Use separate page if necessary):</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Property Damaged (Description of Damage):</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Nature of Injury or Illness (Fracture, Cut, Allergic Reactions, etc.):</th>
</tr>
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</table>

<table>
<thead>
<tr>
<th>Body Part Affected:</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Medical Treatment Required:</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>No</th>
<th>Yes – First Aid Only</th>
<th>Yes – Doctor/Clinic</th>
<th>Yes – Emergency Room</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Where Treated:</th>
<th>Date of First Treatment:</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Type of Medical Treatment:</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Hospitalization</th>
<th>Fracture</th>
<th>Suture</th>
<th>Referred for further treatment</th>
</tr>
</thead>
<tbody>
<tr>
<td>Prescription Medication</td>
<td>Foreign Body Removal</td>
<td>Rigid Splint or Cast</td>
<td>Other Medical Treatment (List)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Time lost from work beyond day of accident:</th>
</tr>
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</table>

<table>
<thead>
<tr>
<th>Released to Return to Work:</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>No</th>
<th>At Full Duty</th>
<th>Follow-up Visit to be Scheduled</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Yes</th>
<th>No</th>
<th>With Restrictions</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Supervisors_Comments:</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Could this incident have been prevented? If so, how?</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Name:</th>
<th>Email Address:</th>
</tr>
</thead>
</table>

COMPLETING THIS FORM IS FOR INFORMATIONAL PURPOSES ONLY AND DOES NOT MEAN A CLAIM HAS BEEN FILED. TO FILE A CLAIM, CONTACT THE UT OFFICE OF RISK MANAGEMENT AT 865-974-5419. THANK YOU!

<table>
<thead>
<tr>
<th>Person Injured or Person who sustained damages:</th>
<th>Supervisor or Person completing report:</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Signature:</th>
<th>Signature:</th>
</tr>
</thead>
</table>