College of Veterinary Medicine

KENT H. HOBLET, Dean
Office: College of Veterinary Medicine (Wise Center)
Telephone: (662) 325-3432
Mailing Address: Box 6100, Mississippi State, MS 39762-6100

General Information
The College of Veterinary Medicine was established in 1974 by an act of the Mississippi Legislature. The first class was admitted during the 1977-78 academic year and graduated in May of 1981.

The permanent College facilities, completed in the fall of 1981, include the learning resources center, the animal health center, and the research facility. College programs, faculty, students, and staff are located in these facilities.

The primary objective of the College is to serve the needs of Mississippi. In quest of this objective, the College will provide training in the sciences required for a career in veterinary medicine and veterinary medical technology. The Doctor of Veterinary Medicine curriculum focuses on the skills of the veterinary practitioner who will serve the animal-owning public of Mississippi while the veterinary medical technology curriculum focuses on the skills necessary to facilitate the work of veterinarians.

Students seeking a degree in either veterinary medicine or veterinary technology should acquire a sound foundation in the biological and physical sciences and a general knowledge of the humanities in high school and college. Because of the increasing use of information technology in veterinary medicine, students are strongly encouraged to acquire familiarity with computers. They must have a demonstrated aptitude for scientific study, and, in addition, experience with animals. An awareness of the requirements and characteristics of the practice of veterinary medicine is desirable in reaching a mature decision to pursue a career in either veterinary medicine or veterinary technology.

Early Entry Program for the College of Veterinary Medicine
The Early Entry Program is offered on a competitive basis to high school seniors who have demonstrated exceptional academic achievement. Applications are available by October 1st of each year and are due for return by January 5th. Online applications are available at www.cvm.msstate.edu (http://www.cvm.msstate.edu). Questions should be addressed to the Office of Student Admissions, College of Veterinary Medicine at (662) 325-1326 or msu-cvmadmissions@cvm.msstate.edu.

The Program is designed so an individual has the opportunity to obtain both a B.S. degree and a D.V.M. degree in seven to eight years. Those accepted into the Early Entry Program are pre-accepted into the professional program at the College of Veterinary Medicine contingent upon their maintaining predetermined qualifications throughout their college career and providing documentation of no less than 480 hours veterinary experience.

Traditional Entrance Requirements
A Test of English as a Foreign Language (TOEFL®) score of 213 is required for applicants whose primary language is not English, also due September 15. Three (3) completed LOR (Letter of Recommendation) forms are required with the completed VMCAS application. At least one evaluator must be a veterinarian. To apply, applicants must have a minimum overall grade point average of 2.80. Minimum GPAs must be maintained throughout the application process. No grade lower than a C- is acceptable in any required course. Remediated and repeated courses must be completed before the application is submitted. Prerequisite courses for entrance into the college must include specific courses:

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>English composition</td>
<td>6</td>
</tr>
<tr>
<td>Speech or Technical Writing</td>
<td>3</td>
</tr>
<tr>
<td>Mathematics (college algebra or higher)</td>
<td>6</td>
</tr>
<tr>
<td>Biological science with lab</td>
<td>8</td>
</tr>
<tr>
<td>Microbiology with lab</td>
<td>4</td>
</tr>
<tr>
<td>Inorganic chemistry with lab</td>
<td>8</td>
</tr>
<tr>
<td>Organic chemistry with lab</td>
<td>8</td>
</tr>
<tr>
<td>Biochemistry</td>
<td>3</td>
</tr>
<tr>
<td>Physics (can be Trig-based)</td>
<td>6</td>
</tr>
<tr>
<td>Advanced Upper-level Science electives</td>
<td>12</td>
</tr>
<tr>
<td>Humanities/fine arts/social and Behavioral sciences</td>
<td>15</td>
</tr>
<tr>
<td>Total Hours</td>
<td>79</td>
</tr>
</tbody>
</table>

Science and mathematics courses must be completed or updated within six calendar years prior to the anticipated date of enrollment.
## Admission Procedure

Applications are accepted through September 15 each year for the upcoming academic year. Admissions, interviews, and decisions take place in the spring, with new students beginning classes around July 1. All applicants apply electronically through the Veterinary Medical College Application Service (VMCAS) at [www.aavmc.org](http://www.aavmc.org). Applications are available online from May 15 to September 15 each year.

Further information may be obtained from:

Office of Student Admissions  
College of Veterinary Medicine  
Mississippi State University  
Box 6100, Mississippi State, MS 39762-6100  
662-325-1326; msu-cvmadmissions@cvm.msstate.edu

## DVM Curriculum

The professional curriculum is divided into two phases - Phase 1 (DVM 1 and DVM 2 years) and Phase 2 (DVM 3 and DVM 4 years).

Phase 1 is conducted in a lecture/lab based format.

### DVM 1

#### Year 1 Fall Courses

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CVM 5011</td>
<td>Professional Development I</td>
<td>1</td>
</tr>
<tr>
<td>CVM 5013</td>
<td>Veterinary Neuroscience</td>
<td>3</td>
</tr>
<tr>
<td>CVM 5021</td>
<td>Professional Development II</td>
<td>1</td>
</tr>
<tr>
<td>CVM 5023</td>
<td>Infectious Agents I</td>
<td>3</td>
</tr>
<tr>
<td>CVM 5033</td>
<td>Immunology</td>
<td>3</td>
</tr>
<tr>
<td>CVM 5036</td>
<td>Veterinary Physiology</td>
<td>6</td>
</tr>
<tr>
<td>CVM 5046</td>
<td>Veterinary Anatomy I</td>
<td>6</td>
</tr>
<tr>
<td>CVM 5073</td>
<td>Veterinary Histology</td>
<td>3</td>
</tr>
<tr>
<td><strong>Total Hours</strong></td>
<td></td>
<td><strong>43</strong></td>
</tr>
</tbody>
</table>

#### Year 1 Spring Courses

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CVM 5022</td>
<td>Veterinary Epidemiology</td>
<td>2</td>
</tr>
<tr>
<td>CVM 5044</td>
<td>Veterinary Pathology</td>
<td>4</td>
</tr>
<tr>
<td>CVM 5072</td>
<td>Veterinary Anatomy II</td>
<td>2</td>
</tr>
<tr>
<td>CVM 5111</td>
<td>Professional Development III</td>
<td>1</td>
</tr>
<tr>
<td>CVM 5163</td>
<td>Veterinary Parasitology</td>
<td>3</td>
</tr>
<tr>
<td>CVM 5193</td>
<td>Veterinary Agents of Infectious Disease II</td>
<td>3</td>
</tr>
<tr>
<td>CVM 5223</td>
<td>Veterinary Pharmacology I</td>
<td>3</td>
</tr>
<tr>
<td><strong>Total Hours</strong></td>
<td></td>
<td><strong>43</strong></td>
</tr>
</tbody>
</table>

### DVM 2

#### Year 2 Fall Courses

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CVM 5123</td>
<td>Veterinary Clinical Pathology</td>
<td>3</td>
</tr>
<tr>
<td>CVM 5143</td>
<td>Theriogenology</td>
<td>3</td>
</tr>
<tr>
<td>CVM 5152</td>
<td>Toxicology</td>
<td>2</td>
</tr>
<tr>
<td>CVM 5153</td>
<td>Equine Medicine &amp; Surgery I</td>
<td>3</td>
</tr>
<tr>
<td>CVM 5186</td>
<td>Small Anim Med &amp; Surgery I</td>
<td>6</td>
</tr>
<tr>
<td>CVM 5213</td>
<td>Introduction to Veterinary Anesthesiology</td>
<td>3</td>
</tr>
<tr>
<td>CVM 5553</td>
<td>Pharmacology II</td>
<td>3</td>
</tr>
<tr>
<td><strong>Total Hours</strong></td>
<td></td>
<td><strong>43</strong></td>
</tr>
</tbody>
</table>

#### Year 2 Spring Courses

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CVM 5121</td>
<td>Professional Development IV</td>
<td>1</td>
</tr>
<tr>
<td>CVM 5133</td>
<td>Veterinary Preventive Medicine</td>
<td>3</td>
</tr>
<tr>
<td>CVM 5162</td>
<td>Diagnostic Imaging</td>
<td>2</td>
</tr>
<tr>
<td>CVM 5173</td>
<td>Equine Medicine &amp; Surgery II</td>
<td>3</td>
</tr>
<tr>
<td>CVM 5175</td>
<td>Food Animal Medicine and Surgery</td>
<td>5</td>
</tr>
<tr>
<td>CVM 5183</td>
<td>Special Species</td>
<td>3</td>
</tr>
</tbody>
</table>
Clinical and Elective

Phase 2, (DVM3 and DVM4 years) is conducted in a clinical and elective format. Students participate in nineteen required clinical rotations of two to six weeks duration each. In these rotations students actively participate in the clinical diagnosis and management of patients admitted to the Animal Health Center and affiliated sites.

During the final year (DVM4) students complete 10 core courses (totaling 33 credits) and will fulfill the remainder of their required 46 credits with electives. The options for these electives include: elective clinical rotations, externship experiences, small group or discussion based courses and directed individual study (DIS) opportunities. In essence, each student, working closely with a faculty advisor, designs a schedule which most uniquely meets the student’s needs and career preferences.

Conducted in an experiential-learning mode, the clinical rotations and many of the electives continue to make the student responsible for his or her own education. The clinical cases or elective courses provide the environment for continued student growth and development.

### DVM 3
#### Year 3 Core Clinical Rotations

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>CVM 5214</td>
<td>Laboratory Services</td>
<td>4</td>
</tr>
<tr>
<td>CVM 5224</td>
<td>Radiology</td>
<td>4</td>
</tr>
<tr>
<td>CVM 5234</td>
<td>Anesthesiology</td>
<td>4</td>
</tr>
<tr>
<td>CVM 5254</td>
<td>Large Animal Intensive Care Rotation</td>
<td>4</td>
</tr>
<tr>
<td>CVM 5264</td>
<td>Equine Medicine &amp; Surgery</td>
<td>4</td>
</tr>
<tr>
<td>CVM 5274</td>
<td>Food Animal Practice</td>
<td>4</td>
</tr>
<tr>
<td>CVM 5304</td>
<td>Community Veterinary Services</td>
<td>4</td>
</tr>
<tr>
<td>CVM 5314</td>
<td>Small Animal Surgery</td>
<td>4</td>
</tr>
<tr>
<td>CVM 5674</td>
<td>Population Medicine</td>
<td>4</td>
</tr>
<tr>
<td></td>
<td><strong>Total Hours</strong></td>
<td><strong>36</strong></td>
</tr>
</tbody>
</table>

### DVM 4
#### Core Clinical Rotations

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>CVM 5282</td>
<td>Ambulatory/Large Animal Primary Care</td>
<td>2</td>
</tr>
<tr>
<td>CVM 5292</td>
<td>Flowood/MVRDL Externship</td>
<td>2</td>
</tr>
<tr>
<td>CVM 5294</td>
<td>Enhanced Clinical Practicum</td>
<td>4</td>
</tr>
<tr>
<td>CVM 5294</td>
<td>Enhanced Clinical Practicum (taken twice)</td>
<td>4</td>
</tr>
<tr>
<td>CVM 5301</td>
<td>Clinicopathological Conference</td>
<td>1</td>
</tr>
<tr>
<td>CVM 5314</td>
<td>Small Animal Surgery</td>
<td>4</td>
</tr>
<tr>
<td>CVM 5316</td>
<td>Specialty Medicine Rotation</td>
<td>6</td>
</tr>
<tr>
<td>CVM 5332</td>
<td>Shelter Medicine Spay/Neuter Rotation</td>
<td>2</td>
</tr>
<tr>
<td>CVM 5364</td>
<td>Veterinary Neurology/Neurosurgery Rotation</td>
<td>4</td>
</tr>
<tr>
<td>CVM 5414</td>
<td>Small Animal Internal Medicine</td>
<td>4</td>
</tr>
<tr>
<td></td>
<td><strong>Total Hours</strong></td>
<td><strong>36</strong></td>
</tr>
</tbody>
</table>

#### Elective Options (minimum of 13 hours)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>CVM 5000</td>
<td>Directed Individual Study in CVM</td>
<td>1-6</td>
</tr>
<tr>
<td>CVM 5182</td>
<td>Veterinary Disaster Management</td>
<td>2</td>
</tr>
<tr>
<td>CVM 5221</td>
<td>Elective Rotation in Shelter Medicine</td>
<td>1</td>
</tr>
<tr>
<td>CVM 5222</td>
<td>Small Animal Clinical Nutrition</td>
<td>2</td>
</tr>
<tr>
<td>CVM 5242</td>
<td>Small Animal Dermatology</td>
<td>2</td>
</tr>
<tr>
<td>CVM 5382</td>
<td>Cytology Elective</td>
<td>2</td>
</tr>
<tr>
<td>CVM 5392</td>
<td>Pharmacy</td>
<td>2</td>
</tr>
<tr>
<td>CVM 5420</td>
<td>Advanced Rotation in Radiology</td>
<td>1-6</td>
</tr>
<tr>
<td>CVM 5430</td>
<td>Advanced Rotation in Anesthesiology</td>
<td>1-6</td>
</tr>
<tr>
<td>CVM 5452</td>
<td>Small Animal Physical Rehabilitation</td>
<td>2</td>
</tr>
<tr>
<td>CVM 5454</td>
<td>Advanced Rotation in Small Animal Surgery</td>
<td>4</td>
</tr>
<tr>
<td>CVM 5464</td>
<td>Adv Rot Eq Med &amp; Surg</td>
<td>4</td>
</tr>
<tr>
<td>CVM 5474</td>
<td>Advanced Rotation in Food Animal Practice</td>
<td>4</td>
</tr>
<tr>
<td>Course Code</td>
<td>Course Title</td>
<td>Credits</td>
</tr>
<tr>
<td>------------</td>
<td>------------------------------------------------------------------------------</td>
<td>---------</td>
</tr>
<tr>
<td>CVM 5510</td>
<td>Veterinary Medicine/Animal Industry Externship 1</td>
<td>1-6</td>
</tr>
<tr>
<td>CVM 5520</td>
<td>Veterinary Medicine/Animal Industry Externship 2</td>
<td>1-6</td>
</tr>
<tr>
<td>CVM 5530</td>
<td>Veterinary Medicine/Animal Industry Externship 3</td>
<td>1-6</td>
</tr>
<tr>
<td>CVM 5540</td>
<td>Veterinary Medicine/Animal Industry Externship 4</td>
<td>1-6</td>
</tr>
<tr>
<td>CVM 5550</td>
<td>Veterinary Medicine/Animal Industry Externship 5</td>
<td>1-6</td>
</tr>
<tr>
<td>CVM 5552</td>
<td>Veterinary Cardiology</td>
<td>2</td>
</tr>
<tr>
<td>CVM 5560</td>
<td>Advanced Clinical Rotation 1 (ACR 1)</td>
<td>1-6</td>
</tr>
<tr>
<td>CVM 5570</td>
<td>Advanced Clinical Rotation 2 (ACR 2)</td>
<td>1-6</td>
</tr>
<tr>
<td>CVM 5580</td>
<td>Advanced Clinical Rotation 3 (ACR 3)</td>
<td>1-6</td>
</tr>
<tr>
<td>CVM 5602</td>
<td>Comparative Endocrinology</td>
<td>2</td>
</tr>
<tr>
<td>CVM 5652</td>
<td>Equine Podiatry</td>
<td>2</td>
</tr>
<tr>
<td>CVM 5662</td>
<td>Clinical Neurology</td>
<td>2</td>
</tr>
<tr>
<td>CVM 5672</td>
<td>Veterinary Dentistry</td>
<td>2</td>
</tr>
<tr>
<td>CVM 5682</td>
<td>Veterinary Ophthalmology</td>
<td>2</td>
</tr>
<tr>
<td>CVM 5692</td>
<td>Veterinary Art and Business Management</td>
<td>2</td>
</tr>
<tr>
<td>CVM 5702</td>
<td>Clin Hematology &amp; Immunology</td>
<td>2</td>
</tr>
<tr>
<td>CVM 5722</td>
<td>Small Ruminant Production Medicine</td>
<td>2</td>
</tr>
<tr>
<td>CVM 5754</td>
<td>Advanced Small Animal Surgery</td>
<td>4</td>
</tr>
<tr>
<td>CVM 5764</td>
<td>Advanced Equine Reproduction</td>
<td>4</td>
</tr>
<tr>
<td>CVM 5772</td>
<td>Canine Theriogenology</td>
<td>2</td>
</tr>
<tr>
<td>CVM 5784</td>
<td>Clinical Behavioral Medicine</td>
<td>4</td>
</tr>
<tr>
<td>CVM 5802</td>
<td>Practical Small Animal Oncology</td>
<td>2</td>
</tr>
<tr>
<td>CVM 5812</td>
<td>Behavior for the Companion Animal Veterinarian</td>
<td>2</td>
</tr>
<tr>
<td>CVM 5814</td>
<td>The Feline Patient</td>
<td>4</td>
</tr>
<tr>
<td>CVM 5840</td>
<td>Veterinary Student Research Initiative</td>
<td>2-6</td>
</tr>
<tr>
<td>CVM 5842</td>
<td>Clinical Pharmacology</td>
<td>2</td>
</tr>
<tr>
<td>CVM 5854</td>
<td>Aquarium Health Management</td>
<td>4</td>
</tr>
<tr>
<td>CVM 5862</td>
<td>Equine Lameness</td>
<td>2</td>
</tr>
<tr>
<td>CVM 5864</td>
<td>Bovine Production Medicine</td>
<td>4</td>
</tr>
<tr>
<td>CVM 5882</td>
<td>Small Animal Gastroenterology</td>
<td>2</td>
</tr>
<tr>
<td>CVM 5990</td>
<td>Special Topics in CVM</td>
<td>1-6</td>
</tr>
<tr>
<td>CVM 5903</td>
<td>Tropical Veterinary Medicine and One Health</td>
<td>3</td>
</tr>
</tbody>
</table>

(Plus any courses approved by advisor)

**Total Hours - Year 4**

| Minutes | 46 |

Students must complete a minimum of 46 hours/credits during Year 4. Available electives can be selected from the above listed CVM courses or from University courses upon advisor’s approval.

**Veterinary Medical Technology (VMT)**

The Veterinary Medical Technology program (VMT) prepares students for multiple career opportunities. Upon completion of this program, graduates will positively contribute to the veterinary health care team regardless of the area/specialty graduates wish to pursue. Potential work environments for VMT graduates include but are not limited to private veterinary practice, biomedical research, pharmaceutical industry, zoological parks, humane societies, nutrition companies, United States Department of Agriculture, U.S. military and academic institutions. Students interested in the Veterinary Medical Technology Program will have the option of selecting Undeclared with a Vet Tech concentration as their major at the time of their admission to Mississippi State University. Once students are admitted into the third year of the program, they will be classified as VMT majors.

During the first two years of the curriculum, students are enrolled as Undeclared with a Vet Tech concentration or another major of their choosing. The first two years of the curriculum are mainly composed of general education courses. Students can apply as early as the spring semester of their sophomore year for entry into the junior year of the VMT if not already accepted under the Pre-admission policy. The third year of the curriculum is competitive and enrollment is limited to 40 students. Entry into the third year of the program requires successful completion of either the Pre-admission or Regular Admission application process. Students will be allowed a maximum of two times to apply to the VMT. At that point, if they are not successful, they will be required to seek another major.
Accepted students will begin classes the fall semester following acceptance. The fourth year mainly consists of clinical experiences and begins the fall semester following successful completion of the third year. Students will be evaluated by exams throughout the curriculum for successful program advancement.

**Pre-admission Policy**

Pre-admission to the junior year is offered on a competitive basis to high school seniors and college students who have only resided on a college campus for a semester or less. Applicants must have demonstrated significant academic achievement including an overall GPA of 2.8 (80% or higher) for high school seniors or an overall GPA of 2.8 for college freshmen. There is also an ACT requirement of 21 or an SAT requirement of 1470. Complete admissions requirements and online applications are available at [www.cvm.msstate.edu](http://www.cvm.msstate.edu). Those granted pre-admission into the VMTP are pre-accepted into the junior year of the VMTP contingent upon maintaining predetermined qualifications during their freshman and sophomore years. The application window for preadmission is October 1st - November 1st.

**Regular Admission Policy**

Applications are available online January 15 - March 1. Admission procedures include a critique of each applicant's academic record, an evaluation of each applicant's references, and a personal interview of selected applicants. Further information may be obtained from Veterinary Medical Technology Program, College of Veterinary Medicine, Mississippi State University, PO Box 6100, Mississippi State, MS, 39762; 662-325-1103; msuvmt@cvm.msstate.edu

**Entrance Requirements to the Junior Year**

An applicant to the junior year of the VMTP must successfully complete prerequisite courses by the end of the spring semester prior to beginning the junior year. Three (3) letters of recommendation are required. To apply, applicants must have a minimum grade point average of 2.5 (regular admission) or 2.8 (pre-admission) on a 4.00 scale with no grade less than “C” in any prerequisite course. The minimum GPA must be maintained throughout the application process. Prerequisite courses for entrance into the VMTP must include specific courses:

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>English Composition</td>
<td>6</td>
</tr>
<tr>
<td>Mathematics (college algebra or higher)</td>
<td>6</td>
</tr>
<tr>
<td>Inorganic Chemistry</td>
<td>7</td>
</tr>
<tr>
<td>Humanities</td>
<td>6</td>
</tr>
<tr>
<td>Social/Behavioral Sciences</td>
<td>6</td>
</tr>
<tr>
<td>Public Speaking</td>
<td>3</td>
</tr>
<tr>
<td>Microbiology with lab</td>
<td>4</td>
</tr>
<tr>
<td>Biological Science with lab</td>
<td>8</td>
</tr>
<tr>
<td>Fine Arts</td>
<td>3</td>
</tr>
<tr>
<td>ADS 1113 &amp; ADS 1121 or VS 3014 VS 1012 CVM 3101</td>
<td>4</td>
</tr>
<tr>
<td>Animal Science and Animal Science Laboratory</td>
<td></td>
</tr>
<tr>
<td>Anatomy and Physiology</td>
<td></td>
</tr>
<tr>
<td>Introduction to Veterinary Medicine Careers</td>
<td>2</td>
</tr>
<tr>
<td>Veterinary Technology Medical Terminology</td>
<td>1</td>
</tr>
</tbody>
</table>

**Total Hours**

56

Further information may be obtained from:

Veterinary Medical Technology Program  
College of Veterinary Medicine  
Mississippi State University  
PO Box 6100, Mississippi State, MS 39762-6100  
662-325-1103; www.msuvmt@cvm.msstate.edu

**Veterinary Medical Technology**

**General Education Requirements**

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>EN 1103 or EN 1104 EN 1113 or EN 1173</td>
<td>3</td>
</tr>
</tbody>
</table>

**Mathematics**
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MA 1313</td>
<td>College Algebra</td>
<td>3</td>
</tr>
<tr>
<td>MA 1323</td>
<td>Trigonometry</td>
<td>3</td>
</tr>
<tr>
<td>or ST 2113</td>
<td>Introduction to Statistics</td>
<td></td>
</tr>
<tr>
<td><strong>Natural Science</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>BIO 1134</td>
<td>Biology I</td>
<td>4</td>
</tr>
<tr>
<td>BIO 1144</td>
<td>Biology II</td>
<td>4</td>
</tr>
<tr>
<td><strong>Humanities</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>See General Education courses</td>
<td>6</td>
<td></td>
</tr>
<tr>
<td><strong>Fine Arts</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>See General Education courses</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td><strong>Social/Behavioral Sciences</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>See General Education courses</td>
<td>6</td>
<td></td>
</tr>
<tr>
<td><strong>Other courses</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CH 1043</td>
<td>Survey of Chemistry I (or higher)</td>
<td>3</td>
</tr>
<tr>
<td>CH 1051</td>
<td>Experimental Chemistry (or higher)</td>
<td>1</td>
</tr>
<tr>
<td>CH 1053</td>
<td>Survey of Chemistry II (or higher)</td>
<td>3</td>
</tr>
<tr>
<td>BIO 3304</td>
<td>General Microbiology</td>
<td>4</td>
</tr>
<tr>
<td>CO 1003</td>
<td>Fundamentals of Public Speaking</td>
<td>3</td>
</tr>
<tr>
<td>or CO 1013</td>
<td>Introduction to Communication</td>
<td></td>
</tr>
<tr>
<td><strong>Major Core</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>ADS 1113</td>
<td>Animal Science</td>
<td>3</td>
</tr>
<tr>
<td>VS 1012</td>
<td>Introduction to Veterinary Medicine Careers</td>
<td>2</td>
</tr>
<tr>
<td>CVM 3112</td>
<td>Animal Handling, Husbandry, and Nutrition</td>
<td>2</td>
</tr>
<tr>
<td>CVM 3243</td>
<td>Basics of Practice Procedures and Management</td>
<td>3</td>
</tr>
<tr>
<td>CVM 3101</td>
<td>Veterinary Technology Medical Terminology</td>
<td>1</td>
</tr>
<tr>
<td>CVM 3014</td>
<td>Applied Anatomy and Physiology for Veterinary Technologists</td>
<td>4</td>
</tr>
<tr>
<td>CVM 3013</td>
<td>Small Animal Diseases and Management</td>
<td>3</td>
</tr>
<tr>
<td>CVM 3022</td>
<td>Small Animal Technical Skills &amp; Nursing Care</td>
<td>2</td>
</tr>
<tr>
<td>CVM 3032</td>
<td>Food Animal Diseases and Management</td>
<td>2</td>
</tr>
<tr>
<td>CVM 3031</td>
<td>Food Animal Technical Skills &amp; Nursing Care</td>
<td>1</td>
</tr>
<tr>
<td>CVM 3042</td>
<td>Equine Diseases and Management</td>
<td>2</td>
</tr>
<tr>
<td>CVM 3041</td>
<td>Equine Technical Skills &amp; Nursing Care</td>
<td>1</td>
</tr>
<tr>
<td>CVM 3232</td>
<td>Pharmacology &amp; Toxicology for Veterinary Technologists</td>
<td>2</td>
</tr>
<tr>
<td>CVM 3111</td>
<td>Parasitology for Veterinary Technologists</td>
<td>1</td>
</tr>
<tr>
<td>CVM 3121</td>
<td>Hematology for Veterinary Technologists</td>
<td>1</td>
</tr>
<tr>
<td>CVM 3132</td>
<td>Clinical Pathology Laboratory Techniques</td>
<td>2</td>
</tr>
<tr>
<td>CVM 3212</td>
<td>Anesthesiology for Veterinary Technologists</td>
<td>2</td>
</tr>
<tr>
<td>CVM 3051</td>
<td>Laboratory Animal Health Management</td>
<td>1</td>
</tr>
<tr>
<td>CVM 3061</td>
<td>Laboratory Animal Technical Skills</td>
<td>1</td>
</tr>
<tr>
<td>CVM 3201</td>
<td>Dental Principles for Veterinary Technologists</td>
<td>1</td>
</tr>
<tr>
<td>CVM 3202</td>
<td>Diagnostic Imaging for Veterinary Technologists</td>
<td>2</td>
</tr>
<tr>
<td>CVM 3222</td>
<td>Surgical Skills &amp; Nursing Care for Veterinary Technologists</td>
<td>2</td>
</tr>
<tr>
<td>CVM 3221</td>
<td>Surgical Nursing &amp; Anesthetic Management Laboratory</td>
<td>1</td>
</tr>
<tr>
<td>CVM 3141</td>
<td>Anatomical Pathology Laboratory Techniques</td>
<td>1</td>
</tr>
<tr>
<td>CVM 4103</td>
<td>Large Animal Clinical Experience</td>
<td>3</td>
</tr>
<tr>
<td>CVM 4113</td>
<td>Large Animal Clinical Elective</td>
<td>3</td>
</tr>
<tr>
<td>or CVM 4223</td>
<td>Small Animal Clinical Elective</td>
<td></td>
</tr>
<tr>
<td>CVM 4333</td>
<td>Emergency/ICU Clinical Experience</td>
<td>3</td>
</tr>
<tr>
<td>CVM 4214</td>
<td>Small Animal Surgery &amp; Anesthesia Clinical Experience</td>
<td>4</td>
</tr>
<tr>
<td>CVM 4102</td>
<td>Professional Development for Veterinary Technologists</td>
<td>2</td>
</tr>
<tr>
<td>CVM 4701</td>
<td>Application &amp; Process for VTNE</td>
<td>1</td>
</tr>
<tr>
<td>CVM 4206</td>
<td>Small Animal Clinical Experience</td>
<td>6</td>
</tr>
<tr>
<td>Course Code</td>
<td>Course Title</td>
<td>Hours</td>
</tr>
<tr>
<td>-------------</td>
<td>--------------------------------------------------</td>
<td>-------</td>
</tr>
<tr>
<td>CVM 4003</td>
<td>Internship Experience</td>
<td>3</td>
</tr>
<tr>
<td>CVM 4601</td>
<td>Animal Emergency &amp; Referral Center Elective</td>
<td>1</td>
</tr>
</tbody>
</table>

**Elective Experiences**

Choose two of the following:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>CVM 4101</td>
<td>Veterinary Technology Academic Elective</td>
</tr>
<tr>
<td>CVM 4201</td>
<td>Clinical Experience Elective</td>
</tr>
<tr>
<td>CVM 4501</td>
<td>Diagnostic Laboratory Experience</td>
</tr>
<tr>
<td>CVM 4511</td>
<td>Biomedical Research Experience Elective</td>
</tr>
</tbody>
</table>

**Total Hours**

120