### VM - VETERINARY MEDICINE COURSES

VM Class Schedule ([https://courses.illinois.edu/schedule/DEFAULT/DEFAULT/VM/](https://courses.illinois.edu/schedule/DEFAULT/DEFAULT/VM/))

#### Courses

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>VM 290</td>
<td>Undergraduate Research</td>
<td>1 to 5 Hours (<a href="https://courses.illinois.edu/schedule/terms/VM/290/">https://courses.illinois.edu/schedule/terms/VM/290/</a>)</td>
</tr>
<tr>
<td>VM 601</td>
<td>Clinical Practice I</td>
<td>4 Hours (<a href="https://courses.illinois.edu/schedule/terms/VM/601/">https://courses.illinois.edu/schedule/terms/VM/601/</a>)</td>
</tr>
<tr>
<td>VM 602</td>
<td>Structure and Function I</td>
<td>9.5 Hours (<a href="https://courses.illinois.edu/schedule/terms/VM/602/">https://courses.illinois.edu/schedule/terms/VM/602/</a>)</td>
</tr>
<tr>
<td>VM 603</td>
<td>Structure and Function II</td>
<td>9 Hours (<a href="https://courses.illinois.edu/schedule/terms/VM/603/">https://courses.illinois.edu/schedule/terms/VM/603/</a>)</td>
</tr>
<tr>
<td>VM 604</td>
<td>Structure and Function III</td>
<td>9.5 Hours (<a href="https://courses.illinois.edu/schedule/terms/VM/604/">https://courses.illinois.edu/schedule/terms/VM/604/</a>)</td>
</tr>
<tr>
<td>VM 605</td>
<td>Pathobiology I</td>
<td>9.5 Hours (<a href="https://courses.illinois.edu/schedule/terms/VM/605/">https://courses.illinois.edu/schedule/terms/VM/605/</a>)</td>
</tr>
<tr>
<td>VM 606</td>
<td>Clinical Practice II</td>
<td>4 Hours (<a href="https://courses.illinois.edu/schedule/terms/VM/606/">https://courses.illinois.edu/schedule/terms/VM/606/</a>)</td>
</tr>
<tr>
<td>VM 607</td>
<td>Pathobiology II</td>
<td>10 Hours (<a href="https://courses.illinois.edu/schedule/terms/VM/607/">https://courses.illinois.edu/schedule/terms/VM/607/</a>)</td>
</tr>
<tr>
<td>VM 608</td>
<td>Pathobiology III</td>
<td>9 Hours (<a href="https://courses.illinois.edu/schedule/terms/VM/608/">https://courses.illinois.edu/schedule/terms/VM/608/</a>)</td>
</tr>
<tr>
<td>VM 609</td>
<td>Medicine and Surgery I</td>
<td>10.5 Hours (<a href="https://courses.illinois.edu/schedule/terms/VM/609/">https://courses.illinois.edu/schedule/terms/VM/609/</a>)</td>
</tr>
<tr>
<td>VM 610</td>
<td>Medicine and Surgery II</td>
<td>10.5 Hours (<a href="https://courses.illinois.edu/schedule/terms/VM/610/">https://courses.illinois.edu/schedule/terms/VM/610/</a>)</td>
</tr>
<tr>
<td>VM 611</td>
<td>Medicine and Surgery III</td>
<td>9.5 Hours (<a href="https://courses.illinois.edu/schedule/terms/VM/611/">https://courses.illinois.edu/schedule/terms/VM/611/</a>)</td>
</tr>
<tr>
<td>VM 612</td>
<td>Clinical Practice III</td>
<td>8 Hours (<a href="https://courses.illinois.edu/schedule/terms/VM/612/">https://courses.illinois.edu/schedule/terms/VM/612/</a>)</td>
</tr>
</tbody>
</table>

Information listed in this catalog is current as of 03/2022
VM 613 Clinical Practice IV credit: 13 Hours. (https://courses.illinois.edu/schedule/terms/VM/613/)
Teaches clinical skills, practices, and procedures used in the Veterinary Teaching Hospital and the Veterinary Diagnostic Laboratory and provides hands-on experience in the methodologies used to diagnose, treat, and prevent disease in animals. No graduate credit. 13 professional hours. Approved for S/U grading only. Prerequisite: VM 611.

VM 614 Clinical Practice V credit: 8 Hours. (https://courses.illinois.edu/schedule/terms/VM/614/)
Teaches clinical skills, practices, and procedures used in the Veterinary Teaching Hospital and the Veterinary Diagnostic Laboratory and provides hands-on experience in the methodologies used to diagnose, treat, and prevent disease in animals. No graduate credit. 8 professional hours. Approved for S/U grading only. Prerequisite: VM 611.

VM 615 Clinical Practice VI credit: 8 Hours. (https://courses.illinois.edu/schedule/terms/VM/615/)
Teaches clinical skills, practices, and procedures used in the Veterinary Teaching Hospital and the Veterinary Diagnostic Laboratory and provides hands-on experience in the methodologies used to diagnose, treat, and prevent disease in animals. No graduate credit. 8 professional hours. Approved for S/U grading only. Prerequisite: VM 611.

VM 616 Clinical Practice VII credit: 8 Hours. (https://courses.illinois.edu/schedule/terms/VM/616/)
Teaches clinical skills, practices, and procedures used in the Veterinary Teaching Hospital and the Veterinary Diagnostic Laboratory and provides hands-on experience in the methodologies used to diagnose, treat, and prevent disease in animals. No graduate credit. 8 professional hours. Approved for S/U grading only. Prerequisite: VM 611.

VM 617 Professional Development credit: 8 Hours. (https://courses.illinois.edu/schedule/terms/VM/617/)
Provides students with a capstone experience near graduation to enhance their educations with advanced professional experiences tailored to their career needs and/or to strengthen perceived areas of weakness in their professional education and development. No graduate credit. 8 professional hours. Approved for S/U grading only. Prerequisite: VM 611.

VM 620 Canine Feline Behavior credit: 1 or 3 Hours. (https://courses.illinois.edu/schedule/terms/VM/620/)
This lecture/discussion course examines the evolutionary histories, domestication process, development behavior social behavior and problem behavior of the dog and the cat. Topics also include learning theory, training methods, and behavior modification approaches for companion animals. Analysis and discussion of behavior/training case studies are included, and lectures and discussions focus on issues that are relevant to the involved in-depth analysis of behavior problem case studies. No graduate credit. 1 or 3 professional hours.

VM 622 Research Project I credit: 2 Hours. (https://courses.illinois.edu/schedule/terms/VM/622/)
In this lecture/discussion course, students will work in groups, each led by a faculty mentor. Each group will develop a research question, design experiments to answer the question, and write a project proposal. No graduate credit. 2 professional hours. Approved for S/U grading only. Prerequisite: Good standing in the veterinary curriculum.

VM 623 Research Project II credit: 2 Hours. (https://courses.illinois.edu/schedule/terms/VM/623/)
In this lecture/discussion course, which is a continuation of VM 622, students will work in groups, each led by a faculty mentor. The groups will conduct the research project that was planned and proposed in VM 622, analyze the data, and prepare a scientific manuscript for publication. No graduate credit. 2 professional hours. Approved for S/U grading only. Prerequisite: Good standing in the veterinary curriculum.

VM 626 The Basics of Business credit: 1 Hour. (https://courses.illinois.edu/schedule/terms/VM/626/)
Business principles related to managing a veterinary practice including economics, negotiations, finance, communication and interpersonal skills, accounting, and management. 1 graduate hour. 1 professional hour. Prerequisite: Third year standing in the veterinary curriculum or consent of instructor.

VM 627 Fundamentals of Finance credit: 1 Hour. (https://courses.illinois.edu/schedule/terms/VM/627/)
Provides students with a strong introductory background in the basic aspects of personal and corporate finance. Topics addressed include financial statements, budgeting, debt management, interest rates, personal investment strategies, developing and managing a portfolio of investments, time value of money, financial decision making, and managing financial risk. No graduate credit. 1 professional hour. Approved for S/U grading only.

VM 635 Veterinary Medical Spanish credit: 2 Hours. (https://courses.illinois.edu/schedule/terms/VM/635/)
In this course second year veterinary students will learn basic veterinary Spanish terminology to enable them to communicate effectively with clients. This involves language skills necessary to describe diseases of various animals and discuss treatment options, their benefits and side effects, and cost of treatment with the client. No graduate credit. 2 professional hours. Approved for S/U grading only. Prerequisites: Students should have basic writing, reading, and speaking skills in Spanish. Second year students only.

VM 642 Contemporary Issues in Vet Med credit: 1 Hour. (https://courses.illinois.edu/schedule/terms/VM/642/)
An introductory course for first year veterinary students that will explore issues affecting the profession and practice of veterinary medicine, as well as career opportunities. Approved for S/U grading only.

VM 643 Fundamentals of Management credit: 1 Hour. (https://courses.illinois.edu/schedule/terms/VM/643/)
An introductory course for second year veterinary students that explores the aspects of managing people in a business setting. Compliance, motivation, engagement, persuading, developing, and retaining employees will be covered as well as cross generational issues in the workplace. No graduate credit. 1 professional hour. Approved for S/U grading only.

VM 645 Communications in Practice credit: 1 Hour. (https://courses.illinois.edu/schedule/terms/VM/645/)
An introductory course for third year veterinary students that will explore the service and communication side of veterinary medicine as well as facilitate in educating students on personal finance, resume development, interviewing contracts and negotiation, and intra and interpersonal communication. No graduate credit. 1 professional hour. Approved for S/U grading only.
VM 651  Small Animal Medicine and Surgery I  credit: 4.5 Hours. (https://courses.illinois.edu/schedule/terms/VM/651/)
Teaches the practice of Small Animal Medicine and Surgery in cardiology, respiratory diseases, reproduction, anesthesiology, and neonatology. Surgery and Theriogenology laboratories occur throughout this course and the companion course VM 652. No graduate credit. 4.5 professional hours. Prerequisite: VM 608 and good standing in the veterinary professional curriculum, or consent of instructor. Restricted to third year veterinary students only.

VM 652  Large Animal Medicine and Surgery I  credit: 5 Hours. (https://courses.illinois.edu/schedule/terms/VM/652/)
Teaches the practice of Large Animal Medicine and Surgery in cardiology, respiratory diseases, reproduction, anesthesiology, and neonatology. Surgery and Theriogenology laboratories occur throughout this course and the companion course VM 652. No graduate credit. 5 professional hours. Prerequisite: VM 608 and good standing in the veterinary professional curriculum, or consent of instructor. Restricted to third year veterinary students only.

VM 653  Small Animal Medicine and Surgery II  credit: 7 Hours. (https://courses.illinois.edu/schedule/terms/VM/653/)
Teaches the practice of Small Animal Medicine and Surgery in Dermatology, Endocrinology, Gastroenterology, Urology, Infectious Diseases. Surgery laboratories occur throughout this course and the companion course VM 654. No graduate credit. 7 professional hours. Prerequisite: VM 651 and VM 652 and good standing in the veterinary professional curriculum, or consent of instructor. Restricted to third year veterinary students only.

VM 654  Large Animal Medicine and Surgery II  credit: 3.5 Hours. (https://courses.illinois.edu/schedule/terms/VM/654/)
Teaches the practice of Large Animal Medicine and Surgery in dermatology, endocrinology, gastroenterology, urology, and infectious diseases. Surgery laboratories occur throughout this course and the companion course VM 653. No graduate credit. 3.5 professional hours. Prerequisite: VM 651 and VM 652 and good standing in the veterinary professional curriculum, or consent of instructor. Restricted to third year veterinary students only.

VM 655  Small Animal Medicine and Surgery III  credit: 7 Hours. (https://courses.illinois.edu/schedule/terms/VM/655/)
Teaches the practice of Small Animal Medicine and Surgery in neurology, clinical toxicology, imaging, musculoskeletal disease, oncology, hematology, immune-related diseases, ophthalmology, and animal behavior. Surgery laboratories occur throughout this course and the companion course VM 656. No graduate credit. 7 professional hours. Prerequisite: VM 653 and VM 654 and good standing in the veterinary professional curriculum, or consent of instructor. Restricted to third year veterinary students only.

VM 656  Large Animal Medicine and Surgery III  credit: 3.5 Hours. (https://courses.illinois.edu/schedule/terms/VM/656/)
Teaches the practice of Large Animal Medicine and Surgery in neurology, clinical toxicology, imaging, musculoskeletal disease, oncology, hematology, immune-related diseases, ophthalmology, and animal behavior. Surgery laboratories occur throughout this course and the companion course VM 655. No graduate credit. 3.5 professional hours. Prerequisite: VM 653 and VM 654 and good standing in the veterinary professional curriculum, or consent of instructor. Restricted to third year veterinary students only.

VM 694  Veterinary Medicine  credit: 1 to 4 Hours. (https://courses.illinois.edu/schedule/terms/VM/694/)
To be used to designate a trial or experimental course for five or more students. It is designed to be an elective in the CVM professional curriculum. A course can be taught under this designation two times within a two-year period and cannot be renewed as a VM 694 course. No graduate credit. 1 to 4 professional hours. May be repeated to a maximum of 8 hours if topics vary. Prerequisite: Registration in the veterinary medicine curriculum or consent of instructor.