VM - VETERINARY MEDICINE COURSES

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

Courses

VM 290 Undergraduate Research credit: 1 to 5 Hours. (https://courses.illinois.edu/schedule/terms/VM/290/)
Scholarly activities (laboratory work, field studies, clinical case analyses, evaluation of scientific literature) conducted under the supervision of a faculty mentor. Approved for Letter and S/U grading. May be repeated in separate terms for up to 10 total hours of credit.

VM 601 Clinical Practice I credit: 4 Hours. (https://courses.illinois.edu/schedule/terms/VM/601/)
Teaches clinical skills, practices, and procedures used in the Veterinary Teaching Hospital and the Veterinary Diagnostic Laboratory and provides hands-on exposure to the methodologies used to diagnose, treat, and prevent disease in animals. 4 professional hours. Approved for S/U grading only.

VM 602 Structure and Function I credit: 9.5 Hours. (https://courses.illinois.edu/schedule/terms/VM/602/)
Teaches gross anatomy of the limbs of the dog, cat, horse, and ox; histology of basic tissues, and endocrines, immune, integumentary, and musculoskeletal systems; early development; cell physiology and endocrinology; neurobiology of excitable tissues including brain, nerves, and muscles; and clinical correlations between these subjects and the clinical experiences of VM 601. 9.5 professional hours.

VM 603 Structure and Function II credit: 9 Hours. (https://courses.illinois.edu/schedule/terms/VM/603/)
Teaches gross anatomy of the thoracic and abdominal cavity of the dog, cat, horse, ox, sheep, goat and pig; histology and physiology of the cardiovascular, respiratory and gastrointestinal systems; neurobiology of the autonomic system and pain; and clinical correlations between these subjects and the clinical experiences of VM 601. 9 professional hours. Prerequisite: Good-standing in the veterinary professional curriculum or consent of instructor.

VM 604 Structure and Function III credit: 9.5 Hours. (https://courses.illinois.edu/schedule/terms/VM/604/)
Teaches gross anatomy of the pelvic cavity and head of the dog, cat, horse, ox, sheep, goat and pig; histology of the reproductive, urinary, and special senses systems; reproductive and renal physiology; neurobiology of cranial nerves and special senses; basic animal nutrition; and clinical correlations between these subjects and the clinical experiences of VM 601. 9.5 professional hours. Prerequisite: VM 603 and good-standing in the veterinary professional curriculum, or consent of instructor.

VM 605 Pathobiology I credit: 9.5 Hours. (https://courses.illinois.edu/schedule/terms/VM/605/)
Teaches principles of pharmacology; general pathology; immunology; medical genetics; and mechanistic toxicology. 9.5 professional hours. Prerequisite: VM 604 and good standing in the veterinary professional curriculum, or consent of instructor.

VM 606 Clinical Practice II credit: 4 Hours. (https://courses.illinois.edu/schedule/terms/VM/606/)
Teaches in greater depth the clinical skills, practices, and procedures used in the Veterinary Teaching Hospital and the Veterinary Diagnostic Laboratory and provides hands-on exposure to the methodologies used to diagnose, treat, and prevent disease in animals. 4 professional hours. Approved for S/U grading only. Prerequisite: VM 601, VM 604, and good standing in the veterinary professional curriculum, or consent of instructor.

VM 607 Pathobiology II credit: 10 Hours. (https://courses.illinois.edu/schedule/terms/VM/607/)
Infectious disease concepts in parasitology, protozoology, bacteriology, mycology, and virology; and introduces basic antimicrobial pharmacology. 10 professional hours. Prerequisite: VM 605, VM 606, and good standing in the veterinary professional curriculum; or consent of instructor.

VM 608 Pathobiology III credit: 9 Hours. (https://courses.illinois.edu/schedule/terms/VM/608/)
Pathology, clinical pathology, and imaging of organ systems; epidemiology and food safety; and includes an integrative laboratory covering commonly encountered problems in infectious diseases. 9 professional hours. Prerequisite: VM 607 and good standing in the veterinary professional curriculum, or consent of instructor.

VM 610 Medicine and Surgery II credit: 10.5 Hours. (https://courses.illinois.edu/schedule/terms/VM/610/)
Teaches and practice of medicine and surgery of dermatology, endocrinology, gastroenterology, and urology. Surgery and Theriogenology laboratories continue throughout this course. 10.5 professional hours. Prerequisite: VM 609 and good-standing in the veterinary professional curriculum, or consent of instructor.

VM 611 Medicine and Surgery III credit: 9.5 Hours. (https://courses.illinois.edu/schedule/terms/VM/611/)
Teaches the practice of medicine and surgery of animal behavior, clinical toxicology, imaging, musculoskeletal diseases, neurology, ophthalmology, and oncology/hematology/immune-related diseases. Surgery laboratories continue throughout the course. 9.5 professional hours. Prerequisite: VM 610 and good standing in the veterinary professional curriculum, or consent of instructor. Restricted to Veterinary Medicine DVM students.

VM 612 Clinical Practice III credit: 8 Hours. (https://courses.illinois.edu/schedule/terms/VM/612/)
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. 8 professional hours. Approved for S/U grading only. Prerequisite: VM 611.

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. 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. 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. 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 gractuate 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. 8 professional hours. Approved for S/U grading only. Prerequisite: VM 616 and good-standing in the veterinary professional curriculum.

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. 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. 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. 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. 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. 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 that enables students to understand their profession by considering current demographics of the field, key ethical challenges facing practitioners and frameworks to approach them, issues of veterinary care and social justice, depictions of vets in popular culture that may influence client's perceptions, and how current research can help students illuminate future visions of their roles in society. Mini-lectures and class discussion will be accompanied by guest presentations. 1 professional hour. Approved for S/U grading only. Prerequisite: VM1 standing.

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 s cross generational issues in the work place. 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. 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. 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. 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. 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. 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. 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. 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 fin 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. 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.