The College of Veterinary Medicine at Oregon State University was established in 1975 with three major areas of responsibility—teaching, research, and public service.

**Graduate Majors**

Comparative Veterinary Medicine (Ph.D.)

**Graduate Areas of Concentration**

- Laboratory Animal Medicine
- Microbiology
- Parasitology
- Pathology
- Toxicology

Veterinary Medicine (D.V.M.)

Veterinary Science (M.S.)

**Graduate Areas of Concentration**

- Clinical Sciences
- Laboratory Animal Medicine
- Microbiology
- Parasitology
- Pathology
- Toxicology

**Faculty**

- **Professors** Blythe, Craig, Hutton, Koller, Matsumoto, Patton, Pearson, Scott, A. Smith, Snyder, Zimmerman; **Associate Professors** Crisman, Engel, Hansen, Hedstrom, Kerkvliet, Lassen, Mattson, Riebold, Schmotzer, B. Smith, Timm, Watrous; **Assistant Professors** Adams, C. Andreasen, J. Andreasen, Gerros, Hall, Heidel, Huber, Matteson, Parker, Van Saun; **Instructors** Bates, Rae

**Teaching**

The college's professional education program began in 1979. Each year, 28 residents of Oregon and eight residents from the Western Regional Compact states are selected to enter the OSU College of Veterinary Medicine. The 36 Oregon-sponsored students take their first year of professional study at OSU, then transfer to Washington State University for their second and part of their third year of study. At the end of March in their third year, they transfer back to OSU to finish the third year of instruction and to take their final year of study. Completion of the professional program leads to the Doctor of Veterinary Medicine (D.V.M.) degree.

This unique approach to veterinary education has been accomplished through a formal arrangement with the College of Veterinary Medicine at Washington State University, Pullman, and the University of Idaho, Moscow.

OSU's College of Veterinary Medicine is accredited by the Council on Education of the American Veterinary Medical Association.

Comprehensive research training is provided through graduate programs leading to the M.S. degree or the Ph.D. degree in comparative veterinary medicine.

**Research**

Biomedical research and research training are conducted by the college in cooperation with the OSU Agricultural Experiment Station, Environmental Health Sciences Center, and the Sea Grant College Program. This research is of economic and public health significance, as it aims to develop new information to improve the health of animals and people.

The college emphasizes research on diseases of food and fiber animals and on problems of present and potential concern to Oregon's valuable livestock and poultry industries. The college also shares a regional and national responsibility for providing information to assist in the control of animal diseases. Diseases of terrestrial wildlife, aquatic, and companion animals are also studied because of their importance in food production, recreation, and companionship.

The research program is a multidisciplinary effort, bringing together faculty expertise in pathology, parasitology, bacteriology, virology, biophysics, biochemistry, immunology, physiology, anatomy, neurosciences, toxicology, clinical veterinary medicine, and other disciplines.

Advice from livestock and poultry producers, practicing veterinarians, producer and commodity groups, the Oregon Department of Agriculture, and others helps establish research priorities.

Faculty research and service activities are described in this catalog under the Extension Service, Agricultural Experiment Station, Environmental Health Sciences Center, and Sea Grant College Program.

**Public Service**

The service programs focus on the prevention, treatment, and control of animal diseases. The college assists veterinary practitioners, animal owners, and the general public through the Veterinary Diagnostic Laboratory, the Veterinary Teaching Hospital, and the Veterinary Extension programs.

The diagnostic laboratory accepts animals and specimens for examination and analysis. It is equipped with diagnostic and analytical facilities for microbiological, chemical, toxicological, and pathological examinations. Clinical pathology services are available for both referring veterinarians and clinicians in the Veterinary Teaching Hospital.

The Veterinary Teaching Hospital is designed and equipped for diagnosis and medical and surgical treatment of equine, food animal, and camelid patients. Patients are admitted directly from animal owners and through referral from practicing veterinarians in Oregon and the Pacific Northwest. Radiology, anesthesiology, pharmacy, intensive care, and other services are available to support the hospital functions.

The diagnostic laboratory and the teaching hospital serve as laboratories where students examine all aspects of disease, including history, symptoms, diagnosis, treatments, and prognosis.
The Veterinary Extension program carries the results of research to animal owners and Oregon's practicing veterinarians through meetings, conferences, publications, and personal consultations with Extension veterinarians and research scientists, teachers, clinicians, and diagnosticians within the school.

Providing continuing education for veterinarians is also considered a major responsibility of the college. One- to three-
day intensive courses of instruction on specific topics are offered periodically.

CAREER OPPORTUNITIES IN VETERINARY MEDICINE

Opportunities for employment in veterinary medicine are good. Nearly 70 percent of the professionally active veterinarians in the United States are engaged in private practice. Some practices are limited to particular groups of animals, such as food animal, equine, or companion animal practices. Others involve specialties such as surgery, ophthalmology, cardiology, or radiology. In addition to private practice, there are numerous teaching and research opportunities in academic, governmental, and industrial situations. A relatively new and expanding area is laboratory animal medicine in which veterinarians are often employed by medical schools, large health-related research organizations, or universities.

ADMISSION TO THE PROFESSIONAL PROGRAM

Applicants for admission to the College of Veterinary Medicine should have at least 90 acceptable quarter credits from an accredited college or university. The credits must include courses that will meet the requirements for a bachelor's degree at the student's undergraduate institution as well as electives in the student's areas of interest. Included in the 90 credits are courses in written communication, the arts and humanities, and the social sciences. Also included are 54 credits of physical and biological sciences, with courses in chemistry, including organic and biochemistry; mathematics, through college-level algebra; genetics; physics; and zoology or general biology. Completion of the Graduate Record Examination is also required. In addition to the academic requirements, it is desirable that the applicant has experience working with animals and an understanding of the veterinary profession.

Applications

Students seeking to enter the four-year professional veterinary medical education program must complete both an Oregon State University application for admission in veterinary medicine and an application for admission to the WOI Program of Veterinary Medical Education. Both applications, plus a $50 application fee and officially sealed transcripts of all college credits, must be sent to the Office of the Dean, College of Veterinary Medicine, Oregon State University, Magruder Hall 200, between September 1 and November 1 preceding the fall term in which the applicant wishes to enroll.

All pre-veterinary requirements must be fulfilled or scheduled for completion by the end of the spring term of the year in which the applicant seeks to be admitted. A list of courses in progress at the time of filing the application or scheduled for completion by the end of the spring term must accompany the applications and transcripts.

Admission to the College of Veterinary Medicine is on a competitive and selective basis. Scholastic performance, aptitude, and personal development are given consideration in the selection of candidates. Consideration of admission to the College of Veterinary Medicine is administered equally without regard to race, color, creed, sex, national origin, disability, or age. Admission is granted annually at the beginning of the fall quarter only.

In considering applicants for admission to the College of Veterinary Medicine, preference is given to qualified Oregon residents and to qualified residents certified by the Western Interstate Commission for Higher Education (WICHE) compact states (see below). To be considered an Oregon applicant, the student must be an Oregon resident by November 1 preceding the fall term in which the applicant wishes to enroll.

All candidates are given written notification of acceptance or denial as soon as possible after the admissions committee has reached its final decision. Such notification is generally given by April 15. Sometimes, however, decisions on applications are delayed until grades in the more advanced courses are made available to the committee. Acknowledgment of notification of acceptance should be made promptly in writing by the successful applicant. Unsuccessful applicants who wish to be considered for the following year must resubmit an application.

When an applicant is offered and accepts admission to the College of Veterinary Medicine, the admitted student must pay a deposit of $75 not later than two weeks following notice of acceptance to reserve a place in the entering class.

Applications from WICHE Students

The College of Veterinary Medicine at Oregon State University, the College of Veterinary Medicine at Washington State University, and the Faculty of Veterinary Medicine at the University of Idaho have entered into a regional educational program with Alaska, Arizona, Hawaii, Montana, Nevada, New Mexico, North Dakota, Utah,
and Wyoming. Under the terms of this compact, a certified student admitted from one of these states is sponsored financially by his or her home state and is subject to the same fees as the Oregon, Washington, and Idaho resident students.

Students from these compact states must apply to their home state for certification in addition to making application to the Office of the Dean, College of Veterinary Medicine, Oregon State University, Magruder Hall 200, Corvallis, OR 97331-4801. Additional information regarding regional veterinary education may be obtained from: The Executive Director, Western Interstate Commission for Higher Education, P.O. Drawer P, Boulder, Colorado 80302.

Re-admission
Any student who voluntarily withdraws from the College of Veterinary Medicine or who is dropped for cause must make written application for reinstatement to the school.

Veterinary Student Expenses
Oregon resident students registered in the College of Veterinary Medicine will pay tuition and fees of approximately $2,201 per term. Students from the compact states will pay the same fees as Oregon resident students.

Veterinary students must provide their own special clothing, as well as the dissection, surgical, and diagnostic instruments stipulated by the faculty.

Occasional field trips are scheduled in the veterinary curriculum. Transportation is provided by the University for required trips, but students must provide their own food and lodging. For optional trips, the student is usually expected to provide transportation as well as lodging and food. All other expenses such as residence hall and living expenses are the same as for students in other schools of the University, except for the expenses of the moves students must make to Washington State University for their second and the first half of their third year of study and back to Oregon State University for the final portion of the curriculum.

Oregon residents desiring additional information about veterinary medicine should write to the Office of the Dean, College of Veterinary Medicine, Oregon State University, Magruder Hall 200, Corvallis, Oregon 97331-4801.

Policy on Laboratory and Duty Hours
During the professional curriculum several laboratory exercises in the preclinical years require the use of live animals. The exercises are designed to complement didactic lectures and demonstrations through "hands-on" experience with various species of animals. In all instances, the animals are humanely treated and anesthetized if the procedures are deemed painful. Animals are humanely euthanized at the termination of most of the laboratory exercises.

During the clinical years, animals are used in laboratory exercises in the teaching of basic surgical skills and medical procedures. In all instances, the animals are anesthetized. Strict protocol is enforced regarding the animals' well-being in exercises requiring post-operative recovery. Participation in these clinical exercises is mandatory for all students.

During the fourth year of the veterinary curriculum, students are assigned on a rotational basis to the various divisions and services engaged in the operation of the veterinary hospital. Emergency services are offered to the public on a 24-hour basis seven days a week.

Student assignments in the clinical blocks are time-demanding and students are required to spend time at night, weekends, and holidays in the delivery of health care to patients. Hospital operations continue seven days per week and students are responsible for their assigned tasks regardless of time and day of week.

Graduation Requirements
A total of 220 quarter credits is required for graduation. To be awarded the degree of Doctor of Veterinary Medicine, candidates must have passed all required courses in the veterinary curriculum, have a 2.00 grade-point average in the veterinary curriculum, and have a bachelor's degree.

Curricula
Typical Preveterinary Curriculum at Oregon State University (see baccalaureate core requirements for details on skills, perspectives, and synthesis). Oregon State University courses that will meet the preveterinary academic requirements:

Skills (15)
Perspectives (30)
Synthesis (6)

Physical and Biological Sciences
CH 121, CH 122, CH 123, CH 219. General Chemistry or CH 221, CH 222. CH 223 (15-17)
CH 331, CH 332, CH 337. Organic Chem (10)
MTH 111 and MTH 112. Mathematics (8)
PH 201. General Physics (5)
BI 201, BI 202, BI 203 or BI 211, BI 212, BI 213. Biology (12-15)
BB 350 or BB 450 and BB 451. Biochem (4-8)
GEN 311 or ANS 378. Genetics (4-5)
Electives (directed toward major)

Professional Curriculum D.V.M. Degree
First Year
Fall (20)
(at Oregon State University)
VM 709. Veterinary Medicine Orientation (1)
VM 711. Veterinary Gross Anatomy (4)
VM 714. Veterinary Microscopic Anatomy (5)
VM 717. Physiology (7)
VM 723. Applied Nutrition (3)

Winter (19)
(at Oregon State University)
VM 712. Veterinary Gross Anatomy (4)
VM 715. Veterinary Microscopic Anatomy (3)
VM 716. Veterinary Neurosciences (5)
VM 718. Veterinary Physiology (7)

Spring (17)
(at Oregon State University)
VM 713. Veterinary Gross Anatomy (4)
VM 720. Immunology (5)
VM 721. Veterinary Pathology (6)
VM 738. Intro to Animal Care (2)

Second Year
Semester I (20 semester credits)
(at Washington State University)
VM 446. Pathology II (6)
VM 432. Bacteriology (4)
VM 409. Epidemiology (2)
VM 531. Pham/Tox I (5)
VM 460. Laboratory Diagnosis (3)

Semester II (20 semester credits)
(at Washington State University)
VM 431. Virology (3)
VM 451. Parasitology (5)
VM 533. Pharm/Tox II (4)
VM 481. Radiology (3)
VM 463. Small Animal Medicine I (4)
VM 471. Intro to Surgery (1)

Third Year

Term I (22 semester credits)
(at Washington State University)
VM 433. Public Health (2)
VM 464. Small Animal Medicine II (5)
VM 472. Small Animal Surgery (3)
VM 474. Small Animal Surgery Lab I (1) or
VM 475. Small Animal Surgery Lab II (1)
VM 461. Large Animal Medicine I (6)
VM 457. Clinical Anesthesia (2)

Term II (8 semester credits)
Block system (4 weeks/block)
(at Washington State University)
VM 562. Small Animal Medicine (4)
VM 567. Small Animal Surgery (4)

Term III (26 quarter credits)
(at Oregon State University)
VM 722. Large Animal Medicine II (8)
VM 724. Large Animal Surgery (3)
VM 726. Theriogenology (6)
VM 728. Special Animal Medicine (4)
VM 733. Special Veterinary Surgery (3)
VM 731. Clinical Radiology (1)
VM 775. Practice Management (1)

Fourth Year

Block system (4 weeks/block)
(at Oregon State University)
VM 732. Clinical Medicine I (6)
VM 734. Clinical Surgery I (6)
VM 736. Clinical Service I (6)
VM 735. Rural Veterinary Practice I (6)
VM 780. Preceptorship I (1)
VM 780. Preceptorship II (1)

Elective blocks (12 weeks required)
VM 575. Topics: Small Animal Surg & Med (6)
VM 773. Avian Medicine (6)
VM 774. Laboratory Animal Medicine (6)
VM 752. Clinical Medicine II (6)
VM 754. Clinical Surgery II (6)
VM 756. Clinical Service II (6)
VM 755. Rural Veterinary Practice II (6)
VM 781D. Llama Medicine & Surgery (1) - VM 781, Sec 4
VM 781J. Clinical & Diag. Toxicology (3) - VM 781, Sec 10
VM 781S. Sheep/Goat Medicine & Surgery (3) - VM 781, Sec 19
VM 790D. Food Animal Medicine/Caldwell (6) - VM 790, Sec 4
VM 790I. Small Animal Practice (6) - VM 790, Sec 9
VM 790K. Radiology (3) - VM 790, Sec 11
VM 790L. Anesthesiology (3) - VM 790, Sec 12
VM 790S. Special Studies (6) - VM 790, Sec 19
VM 790T. Clin/Lab Diagnosis (3) - VM 790, Sec 20
VM 790W. Dairy Herd Health (3) - VM 790, Sec 22

Vacation blocks (12 weeks)

Courses
Lower Division Courses
VM 110. PREVETERINARY MEDICINE (1), introduction to the profession's role in society.
Graded P/N.

Upper Division Courses
Courses numbered 500 and above may be taken for graduate credit.
VM 431/VM 531. ANATOMY AND PHYSIOLOGY OF THE FOWL (3), Description of gross anatomy and physiological processes. Analyses of how environmental factors affect production. PREREQ: P 321 or equivalent. Offered in the spring of odd-numbered years and alternatively as P 431/P 531.
VM 451/VM 551. AVIAN DISEASES (3), The pathogenesis of avian diseases; programs for control. PREREQ: VM 431/VM 531 or P 431/P 531. Offered alternate years. Offered 1994-95.
VM 481/VM 581. PARASITIC DISEASES OF DOMESTIC AND GAME ANIMALS (5), Characteristics, life cycles, pathogenesis, immunity, epizootiology, control, and treatment of animal parasites that cause disease in domestic and game animals. PREREQ: Two years of biology; parasitology.

Graduate Courses
VM 501. RESEARCH (TBA). Graded P/N.
VM 503. THESIS (TBA). Graded P/N.
VM 505. READING AND CONFERENCE (TBA). Graded P/N.
VM 506. PROJECTS (TBA). Graded P/N.
VM 507. SEMINAR (TBA). Graded P/N.
VM 601. RESEARCH (TBA). Graded P/N.
VM 603. THESIS (TBA).
VM 605. READING AND CONFERENCE (TBA).
VM 606. PROJECTS (TBA). Graded P/N.
VM 607. SEMINAR (TBA), One-credit section; VM 607 sec 16. Graded P/N.
VM 611. VM 612. VM 613. VETERINARY GROSS ANATOMY (4,4,4), Systematic and topographic study and dissection of the dog, cat, horse, ruminant, pig, and chicken. PREREQ: One year of inorganic chemistry, including a lab; one upper-division course in biochemistry; one term of physics; one year sequence in general biologic sciences or equivalent. Must be taken in sequence.
VM 614. VM 615. VETERINARY MICROSCOPIC ANATOMY (5,3). Structure and development of cells, tissues, organs, and organ systems of animals. PREREQ: One year of inorganic chemistry, including a lab; one upper-division course in biochemistry; one term of physics; one-year sequence in general biological sciences or equivalent; must be taken in sequence.
VM 616. VETERINARY NEUROSCIENCES (5). Structural and functional relationships of the nervous system and organs of special sense with emphasis on general clinical application. PREREQ: One year of inorganic chemistry, including a lab; one upper-division course in biochemistry; one term of physics; one-year sequence in general biologic sciences or equivalent.
VM 620. VETERINARY IMMUNOLOGY (5). Clinical and diagnostic aspects of immunological mechanisms, serological reactions, hypersensitivity, allergy, and disorders of the immune system. PREREQ: One year of inorganic chemistry, including a lab; one upper-division course in biochemistry; one year of physics; one-year sequence in general biologic sciences or equivalent.
VM 621. GENERAL PATHOLOGY (4), General principles of pathology; cell injury and death, inflammation and tissue repair, abnormalities of cell growth, and structures and mechanisms of disease. PREREQ: One year of inorganic chemistry, including a lab; one upper-division course in biochemistry; one term of physics; one-year sequence in general biologic sciences or equivalent; must be taken in sequence.
VM 622. PATHOLOGY LABORATORY (2). Laboratory instruction to complement VM 511. PREREQ: VM 611 or concurrent enrollment; one quarter of microscopic anatomy.
VM 651. VM 652. VM 653. SELECTED TOPICS IN VETERINARY MEDICINE (3,3,3), Topics vary from term to term; check Schedule of Classes for particular topics. PREREQ: Graduate standing; consent of instructor.
VM 657. VETERINARY PHYSIOLOGY (6), Physiology of body fluids, respiration, muscle, acid-base balance, blood, cardiovascular and renal systems. PREREQ: One year of inorganic chemistry, including a lab; one upper-division course in biochemistry; one term of physics; one-year sequence in general biologic sciences or equivalent.
VM 659. VETERINARY REPRODUCTIVE PHYSIOLOGY (2). Physiology of reproduction and lactation. PREREQ: VM 657.
VM 660. VETERINARY PHYSIOLOGY TECHNIQUES (3), Laboratory work to complement the instruction given in VM 657, VM 658 or permission of instructor and VM 659, PREREQ: VM 659 or concurrent enrollment.

Professional Courses
VM 701. RESEARCH (TBA).
VM 705. READING AND CONFERENCE (TBA).
VM 706. PROJECTS (TBA).
VM 709. VETERINARY MEDICINE ORIENTATION (1), An overview of veterinary medicine with emphasis on historical development, current veterinary medical issues, employment opportunities, and professional issues. PREREQ: First-year standing in veterinary medicine. Graded P/N.
VM 711, VM 712, VM 713. VETERINARY GROSS ANATOMY (4,4,4), Systematic and topographic study and dissection of the dog, cat, horse, ruminant, pig, and chicken. PREREQ: First-year standing in veterinary medicine. Must be taken in sequence.
VM 714. VM 715. VETERINARY MICROSCOPIC ANATOMY (5,3). Structure and development of cells, tissues, organs, and organ systems of animals. PREREQ: First-year standing in veterinary medicine.
VM 716. VETERINARY NEUROSCIENCES (5), Structural and functional relationships of the nervous system and organs of special sense with emphasis on general clinical application. PREREQ: First-year standing in veterinary medicine.
VM 717, VM 718. VETERINARY PHYSIOLOGY (7,7), Physiology of body fluids, excretion, respiration, acid-base balance, blood, muscle, bone, cardiovascular system, digestion, metabolism, endocrine system, reproduction, and lactation. PREREQ: First-year standing in veterinary medicine. Must be taken in sequence.
VM 720. VETERINARY IMMUNOLOGY (5). Clinical and diagnostic aspects of immunological mechanisms, serological reactions, hypersensitivity, allergy, and disorders of the immune system. PREREQ: First-year standing in veterinary medicine.
VM 721. VETERINARY PATHOLOGY (6), Basic mechanisms and concepts related to reaction of cells and tissues to disease, with emphasis on cellular and tissue degeneration, inflammatory reaction, circulatory disturbance, and neoplasia. PREREQ: First-year standing in veterinary medicine.
VM 722. LARGE ANIMAL MEDICINE II (8), Diagnosis and treatment of large animal diseases. PREREQ: Third-year standing in veterinary medicine.
VM 723. APPLIED NUTRITION (3), Nutritional concepts related to animal medicine. PREREQ: First-year standing in veterinary medicine.
VM 724. LARGE ANIMAL SURGERY (3). Large animal surgical techniques and procedures. PREREQ: Third-year standing in veterinary medicine.

VM 726. THERIOGENOLOGY (6). Diagnosis, symptomatology, and treatment of reproductive disorders. PREREQ: Third-year standing in veterinary medicine.

VM 728. SPECIAL ANIMAL MEDICINE (4). Diagnosis, treatment, and management of special animals, including the common laboratory animals. PREREQ: Third-year standing in veterinary medicine.

VM 729. CLINICAL PRACTICE (2). General clinical assignments and orientation to veterinary hospital activities. PREREQ: Fourth-year standing in veterinary medicine.

VM 731. CLINICAL RADIOLOGY (1). Selected radiological procedures and techniques as related to domestic animals. PREREQ: Third-year standing in veterinary medicine.

VM 732. CLINICAL MEDICINE I (6). Clinical medicine training in diseases of food animals and horses; clinic rounds and diagnostic procedures. PREREQ: Fourth-year standing in veterinary medicine.

VM 733. SPECIAL VETERINARY SURGERY (3). Selected surgical techniques and procedures as related to food animals and horses. PREREQ: Third-year standing in veterinary medicine.

VM 734. CLINICAL SURGERY I (6). Clinical surgery, treatment, and care of food animals and horses; clinic rounds; training in surgery, lameness, and diagnostic procedures. PREREQ: Fourth-year standing in veterinary medicine.

VM 735. RURAL VETERINARY PRACTICE I (6). Rural practice training in diseases of food animals and horses. PREREQ: Fourth-year standing in veterinary medicine.

VM 736. CLINICAL SERVICE I (6). Advanced clinical experience in radiology, clinical pathology, microbiology, or necropsy. PREREQ: VM 736. Graded P/N.

VM 755. RURAL VETERINARY PRACTICE II (6). Additional rural practice training. PREREQ: VM 735. Graded P/N.

VM 756. CLINICAL SERVICE II (6). Advanced clinical experience in radiology, clinical pathology, microbiology, or necropsy. PREREQ: VM 736. Graded P/N.

VM 757. SMALL ANIMAL SURGERY AND MEDICINE TOPICS (6). Small animal medicine and surgical techniques and procedures. PREREQ: Fourth-year standing in veterinary medicine. Graded P/N.

VM 770. CLINICAL THERIOGENOLOGY (6). Clinical experience related to reproduction in animals. PREREQ: Fourth-year standing in veterinary medicine.

VM 771. HERD HEALTH AND PREVENTIVE MEDICINE (6). Preventive medicine; environmental, housing, nutrition, management, and agribusiness practices related to farm animals. PREREQ: Fourth-year standing in veterinary medicine. Graded P/N.

VM 772. SHEEP AND GOAT MEDICINE AND SURGERY (1-6). Clinical experience related to diseases of sheep and goats. PREREQ: Fourth-year standing in veterinary medicine. Graded P/N.

VM 773. AVIAN MEDICINE (6). Clinical experience related to diseases of poultry. PREREQ: Fourth-year standing in veterinary medicine. Graded P/N.

VM 774. LABORATORY ANIMAL MEDICINE (6). Clinical experience related to laboratory animals. PREREQ: Fourth-year standing in veterinary medicine. Graded P/N.

VM 775. PRACTICE MANAGEMENT (1). Ethical, legal, regulatory, and economic aspects of veterinary practice. PREREQ: Third-year standing in veterinary medicine. Graded P/N.

VM 776. EXOTIC ANIMAL MEDICINE (6). Veterinary, surgical, and medical experiences related to wildlife, aquatic, and zoo animals. PREREQ: Fourth-year standing in veterinary medicine. Graded P/N.


VM 781. SEMINAR IN VETERINARY MEDICINE (TBA). Seminars and case discussions on selected topics by students, staff, and others. Graded P/N.


FOOTNOTES

1 Four week period.