VETERINARY MEDICINE VM

College of Veterinary Medicine

101. Veterinary Medicine in Society Spring
Role of the veterinary profession in animal and human health. Impact of veterinary medicine on society.

200. Veterinary Systems Biology and Medical Sciences I Spring
P: CRM 141, MTH 110. R: Approval of college.
Multidisciplinary approach to the musculoskeletal system of animals. Integration of anatomy, physiology, pathophysiology, pharmacology, and nursing care related to animals. Techniques of restraint. Patient management. Medical record keeping.

210. Veterinary Systems Biology and Medical Science II Spring
P: CRM 141, MTH 110. R: Approval of college.
Multidisciplinary approach to the hematopoietic and cardiovascular systems of animals. Integration of anatomy, physiology, pathophysiology, pharmacology, and nursing care related to health and disease.

300. Veterinary Systems Biology and Medical Science III Fall
P: VM 200, VM 201, R: Open only to students in Veterinary Technology. Completion of Tier I writing requirement. Approval of college.
Multidisciplinary approach to the neurologic and respiratory systems of animals. Integration of anatomy, physiology, pathophysiology, pharmacology, and nursing care related to health and disease.

301. Veterinary Systems Biology and Medical Science IV Fall
P: VM 200, VM 201, R: Open only to students in Veterinary Technology. Completion of Tier I writing requirement. Approval of college.
Multidisciplinary approach to the urogenital and endocrine systems of animals. Integration of anatomy, physiology, pathophysiology, pharmacology, and nursing care related to health and disease.

302. Veterinary Systems Biology and Medical Science V Spring
P: VM 300, VM 301, R: Open only to students in Veterinary Technology. Completion of Tier I writing requirement. Approval of college.
Multidisciplinary approach to the gastrointestinal and integumentary systems of animals. Integration of anatomy, physiology, pathophysiology, pharmacology, and nursing care related to health and disease.

303. Anesthesiology for Veterinary Technicians Spring
P: VM 301, VM 303, R: Open only to students in Veterinary Technology. Approval of college.
Pharmacologic action of preanesthetic and anesthetic drugs. Principles and techniques of induction, maintenance, monitoring, and recovery of the patient. Human methods of euthanasia. Offered half of semester.

304. Radiology for Veterinary Technicians Spring
P: VM 300, VM 301, R: Open only to students in Veterinary Technology. Approval of college.
Fundamentals of radiology. Production of x-rays, components of the x-ray machine, use of screens and grids, handling film, imaging quality, film processing, patient positioning, and radiation safety. Offered half of semester.

369. Introduction to Zoo and Aquarium Science Spring
P: VM 300, VM 301, VM 302, R: Open only to seniors in Veterinary Technology. Approval of college.
Animal husbandry, nutrition, preventative medicine, and medical management of common laboratory animals. Pathophysiology of selected diseases.

401. Clinical and Anatomic Pathology for Veterinary Technologists Fall
P: VM 300, VM 301, VM 302, R: Open only to seniors in Veterinary Technology. Approval of college.
Advanced cytologic techniques encompassing sample collection, processing, and evaluation. Necropsy procedures including history collection, lesion description, specimen submission, and client education concerning necropsy reports.

402. Hospital Practice Management for Veterinary Technologists Fall
P: VM 300, VM 301, VM 302, R: Open only to seniors in Veterinary Technology. Approval of college.
Veterinary practice economics, personnel management, inventory control, and marketing techniques. Lecture material is reinforced through the utilization of computerized models.

403. Companion Animal Nutrition and Behavior for Veterinary Technologists Spring
P: VM 300, VM 301, VM 302, R: Open only to seniors in Veterinary Technology. Completion of Tier I writing requirement. Approval of college.
Nutritional management of healthy and diseased canine and feline patients. Normal canine and feline behavior, behavioral abnormalities, and behavioral modification.

404. Equine and Food Animal Nutrition and Husbandry Spring
P: VM 300, VM 301, VM 302, R: Open only to seniors in Veterinary Technology. Completion of Tier I writing requirement. Approval of college.
Comparative nutrition, feeding behaviors, and husbandry as applied to equine and food animal patients. Individual and herd information.

410. Veterinary Technology Clerkship in Anesthesiology Fall
P: VM 300, VM 303, VM 304, R: Approval of college.
Application of principles and techniques in anesthesiology.

411. Veterinary Technology Clerkship in Radiology Fall
P: VM 300, VM 303, VM 304, R: Approval of college.
Application of principles and techniques in radiology.

412. Veterinary Technology Clerkship in Companion Animal Medicine Fall
P: VM 300, VM 303, VM 304, R: Approval of college.
Application of principles and techniques in companion animals.

413. Veterinary Technology Clerkship in Veterinary Surgery Fall
P: VM 300, VM 303, VM 304, R: Approval of college.
Application of principles and techniques in surgical nursing.

414. Veterinary Technology Clerkship in Companion Animal Surgery Fall
P: VM 300, VM 303, VM 304, R: Approval of college.
Application of principles and techniques in companion animals.

415. Veterinary Technology Clerkship in Cardiology Fall
P: VM 300, VM 303, VM 304, R: Approval of college.
Application of principles and techniques in cardiology.

450. Veterinary Technology Clerkship in Neurology Fall
P: VM 300, VM 303, VM 304, R: Approval of college.
Application of principles and techniques in neurology.

452. Veterinary Technology Clerkship in Critical Care Fall
P: VM 300, VM 303, VM 304, R: Approval of college.
Application of principles and techniques in critical care.

454. Veterinary Technology Clerkship in Critical Care Fall
P: VM 300, VM 303, VM 304, R: Approval of college.
Application of principles and techniques in critical care.

455. Veterinary Technology Clerkship in Ophthalmology Fall
P: VM 300, VM 303, VM 304, R: Approval of college.
Application of principles and techniques in ophthalmology.

456. Veterinary Technology Clerkship in Equine Anesthesia Fall
P: VM 300, VM 303, VM 304, R: Approval of college.
Application of principles and techniques in equine anesthesiology.

457. Veterinary Technology Clerkship in Equine Field Service Fall
P: VM 300, VM 303, VM 304, R: Approval of college.
Application of principles and techniques in equine field service.
462. Veterinary Technology Clerkship in Advanced Equine Medicine and Surgery
Fall, Spring, Summer. 3 credits.
P: VM 414. R: Approval of college.
Application of principles and techniques in equine medicine and surgery.

470. Veterinary Technology Clerkship in Food Animal Medicine
Fall, Spring, Summer. 3 credits.
P: VM 302, VM 303, VM 304. R: Approval of college.
Application of principles and techniques in food animal medicine.

471. Veterinary Technology Clerkship in Production Medicine
Fall, Spring, Summer. 3 credits.
P: VM 470. R: Approval of college.
Application of principles and techniques in production medicine.

472. Veterinary Technology Clerkship in Food Animal Anestheology
Fall, Spring, Summer. 3 credits.
P: VM 410, VM 470. R: Approval of college.
Application of principles and techniques in food animal anestheology.

480. Veterinary Technology Clerkship in Clinical Pathology
Fall, Spring, Summer. 3 credits.
P: VM 302, VM 303, VM 304. R: Approval of college.
Application of principles and techniques in clinical pathology.

481. Veterinary Technology Clerkship in Microbiology
Fall, Spring, Summer. 3 credits.
P: VM 302, VM 303, VM 304. R: Approval of college.
Application of principles and techniques in microbiology.

482. Veterinary Technology Clerkship in Necropsy
Fall, Spring, Summer. 3 credits.
P: VM 302, VM 303, VM 304. R: Approval of college.
Application of principles and techniques in post-mortem examination of common domestic species with emphasis on specimen description, collection, and submission.

483. Veterinary Technology Clerkship in Biomedical Research
Fall, Spring, Summer. 3 to 12 credits. A student may earn a maximum of 12 credits in all enrollments for this course.
P: VM 400. R: Approval of college.
Application of principles and techniques in biomedical research involving laboratory animals.

484. Veterinary Technology Clerkship in Zoo and Wildlife Medicine
Fall, Spring, Summer. 3 to 12 credits. A student may earn a maximum of 12 credits in all enrollments for this course.
P: VM 410, VM 411, VM 412, VM 413, VM 414. R: Approval of college.
Application of principles and techniques in zoo and wildlife medicine.

485. Veterinary Technology Clerkship in Special Problems
Fall, Spring, Summer. 3 to 12 credits. A student may earn a maximum of 12 credits in all enrollments for this course.
P: VM 301, VM 302. R: Open only to seniors in Veterinary Technology. Approval of college.
Application of principles and techniques in experimental, therapeutic, or laboratory medicine.

511. Veterinary Perspectives I
Fall. 2(1-2)
R: Open only to graduate-professional students in College of Veterinary Medicine.
Animal handling, restraint, and physical examination.

512. Veterinary Integrative Problem Solving I
Fall. 1(1-0)
R: Open only to graduate-professional students in College of Veterinary Medicine.
Integration of subject material from concurrent semester courses.

521. Veterinary Perspectives II
Spring, 2(2-0)
R: Open only to graduate-professional students in College of Veterinary Medicine.
Pathogenesis, diagnosis, and treatment.

522. Veterinary Integrative Problem Solving II
Spring, 3(3-0)
R: Open only to graduate-professional students in College of Veterinary Medicine.
Pathogenesis, diagnosis, and treatment.

523. Veterinary Epidemiology
Fall, 3(3-0)
P: Completion of semester 2 of the graduate-professional program in the College of Veterinary Medicine.
Integration of subject material from concurrent and previous semester courses.

524. Veterinary Integrative Problem Solving III
Fall, 3(3-0)
P: Completion of semester 2 of the graduate-professional program in the College of Veterinary Medicine.
Integration of subject material from concurrent and previous semester courses.

525. Theriogenology
Fall, 3(3-0)
P: Completion of semester 2 of the graduate-professional program in the College of Veterinary Medicine.
Theriogenology.

526. Veterinary in Practice
Fall, 3(3-0)
P: Completion of semester 2 of the graduate-professional program in the College of Veterinary Medicine.
Veterinary in Practice.

527. Veterinary Integrative Problem Solving IV
Spring, 3(3-3)
P: Completion of semester 2 of the graduate-professional program in the College of Veterinary Medicine.
Integration of subject material from concurrent and previous courses.

528. Cardiovascular Diseases
Spring, 2(2-0)
P: Completion of semester 2 of the graduate-professional program in the College of Veterinary Medicine.
Cardiovascular diseases of domestic animals. Pathogenesis, diagnosis, and treatment.

529. Veterinary Public Health
Spring, 2(2-0)
P: Completion of semester 2 of the graduate-professional program in the College of Veterinary Medicine.
Veterinary environmental and occupational health. Milk and meat hygiene. Control of zoonotic diseases.

530. Principles of Anesthesia and Surgery
Fall, 4(0-3)
P: Completion of semester 2 of the graduate-professional program in the College of Veterinary Medicine.
R: Not open to students with credit in VM 570 or VM 578.

531. Musculoskeletal Diseases
Spring, 5(5-0)
P: Completion of semester 2 of the graduate-professional program in the College of Veterinary Medicine.
R: Not open to students with credit in VM 582 or VM 586.

532. Respiratory Diseases
Spring, 5(5-0)
P: Completion of semester 2 of the graduate-professional program in the College of Veterinary Medicine.
R: Not open to students with credit in VM 574.

533. Hematological, Oncological and Dermatological Diseases
Fall, 3(3-0)
P: Completion of semester 4 of the graduate-professional program in the College of Veterinary Medicine.
R: Not open to students with credit in VM 569 or VM 563.
Hematological, oncological and dermatological diseases of domestic animals.

534. Neurological and Ophthalmological Diseases
Fall, 3(3-0)
P: Completion of semester 4 of the graduate-professional program in the College of Veterinary Medicine.
R: Not open to students with credit in VM 568 or VM 562.
Neurological and ophthalmological diseases of domestic animals.

535. Digestive, Metabolic and Endocrinological Diseases
Fall, 5(5-0)
P: Completion of semester 4 of the graduate-professional program in the College of Veterinary Medicine.
R: Not open to students with credit in VM 570 or VM 576.
Digestive, metabolic, and endocrinological diseases of domestic animals.

536. Operative Surgery
Fall, 2(1-3)
P: Completion of semester 4 of the graduate-professional program in the College of Veterinary Medicine.
R: Not open to students with credit in VM 572 or VM 582.
Soft tissue and orthopedic surgery of domestic animals: preoperative evaluation, surgery, and postoperative care.
WOMEN'S STUDIES

Women's Studies Program
College of Arts and Letters
College of Social Science

201. Introduction to Women's Studies
Fall, Spring, Summer. 3 credits.
Focus on women as victims of oppression and as agents. Concepts basic to feminist thought: gender systems, patriarchy.

202. Introduction to Contemporary Feminist Theories
Fall. 3 credits.

203. Biblical Methodology for Women's Studies Research

204. Lesbian, Bisexual, and Gay Studies: Psychological and Cultural Issues
Spring of odd-numbered years. 3 credits.

211. Introduction to Gender and Environmental Issues

212. Women and the Law in the United States
Fall of odd-numbered years, Spring of odd-numbered years. 3 credits.

213. Women and Interdisciplinary Studies
Fall. 3 credits. A student may earn a maximum of 8 credits in all enrollments for this course.

609. Special Problems in Veterinary Medicine
Fall, Spring. 1 to 3 credits.

818. The Epidemiology of Zoonotic Diseases
Fall of odd-numbered years. 3 credits. Interdepartmental with Human Medicine. Administered by Human Medicine.

400. Women in Classical Greek Society
Spring of odd-numbered years. 3 credits. Interdepartmental with Classical Studies. Administered by Classical Studies.

413. Families in Historical Perspective
Fall. 3 credits. Interdepartmental with History. Administered by History.

415. Feminist Analyses of Education in the United States
Fall of odd-numbered years. 3 credits. Interdepartmental with Teacher Education.

420. History of Sexuality since the 18th Century
Fall. 3 credits. Interdepartmental with History. Administered by History.

425. Women and Criminal Justice
Spring of odd-numbered years. 3 credits. Interdepartmental with Criminal Justice. Administered by Criminal Justice.

428. Theory and Practice of Feminist Literary Criticism
Spring. 3 credits. Interdepartmental with English. Administered by English.

429. Women and Work Issues and Policy Analysis

430. Women and the Family
Spring of odd-numbered years. 3 credits. Interdepartmental with Teacher Education.

431. Lesbi-an, Bisexual, and Gay Studies: Psychological and Cultural Issues
Fall of odd-numbered years. 3 credits.

432. Lesbian, Bisexual, and Gay Studies: Psychological and Cultural Issues
Spring of odd-numbered years. 3 credits.

433. Lesbian, Bisexual, and Gay Studies: Psychological and Cultural Issues
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