

**Spring 2016 Electives (Term 1161)
VM2**

UNL—Enroll through Marsha Yelden, PPVM office

#1530 VMED 596-001 Cattle Production Systems
1 credit Monday 11:00-11:50 am VBS 125 Dr. Randle
Overview of tools and methods veterinarians use to optimize productivity and improve financial success for beef cattle producers, including how to evaluate and monitor production/ management strategies and how to integrate the many factors involved in decision making. Field trips to the Mead Facility will be made as necessary to complete certain objectives. Some field trips may be required on weekends. Two semesters of Cattle Production Systems are prerequisites for ISU VDPAM 481 Advanced Cow/Calf Production Medicine.

#2440 VMED 596-002 Emerging & Exotic Diseases of Animals and Initial Accreditation Training (certificate earned)
1 credit Drs. Brown and Flaming
This course serves two roles: 1) increased awareness of emerging and exotic diseases of animals and the response to them and 2) initial veterinary accreditation training. The ability of veterinarians in all sections of the profession to identify foreign animal disease (FAD) suspects and notify proper officials is crucial to safeguarding the United States' animals and agricultural sector. Similarly, accurately fulfilling the tasks of an accredited veterinarian ensures the health of the nation's livestock and animal population, and protects the public's health and well-being. Online course. Two scheduled written exams require classroom attendance. Successful completion of the required content and quizzes fulfills the requirements for IAT Certificate. gbbrown@iastate.edu; kpflamin@iastate.edu

ISU— Enroll through AccessPlus (Contact Mindy Schminke at ISU if questions about how to register. Last date to enroll is the Friday of the first week of classes. Contact instructor directly with course information questions. Please let Marsha Yelden know after you have enrolled in any ISU electives.)

BMS 403 Behavior of Domestic Animal
1 credit Friday 12:05-12:55 pm ANSC D104 Dr. Millman
Normal and abnormal behavior of domestic animals. Taught via Zoom.
smillman@iastate.edu

VCS 305 Shelter Medicine
1 credit Thursday 12:05-12:55 pm VBS 125 Dr. Kauffman
An elective course designed to educate the veterinary student about issues of relevance to companion animal population and shelter medicine and welfare. Taught via Zoom.
linkauf@iastate.edu

VDPAM 309 Introduction to Production Animal Informatics
1 credit Monday 12:00-1:00 pm VBS 125 Dr. Holtkamp
The fundamentals of how clinical, diagnostic, production and financial information is obtained and used by production animal operations will be presented. Students will acquire skills to create and use spreadsheets for manipulating and summarizing data. They will also acquire knowledge of where to find inexpensive and readily available resources with information on how to use spreadsheets and other software. Students will also have the opportunity to work with different record keeping programs used by swine, beef and dairy operations. Taught via Zoom. holtkamp@iastate.edu

VDPAM 340 Clinical Foundations
1 credit TBA TBA TBA Dr. Still-Brooks
An introduction to Food Supply Veterinary Medicine covering overviews of major animal agriculture species (beef, dairy, pork sheep and camelid), production systems, behavior welfare, handling and restraint, examination techniques, biosecurity, epidemiology and food safety. Visits to production units are utilized to introduce the application of clinical skills. Biosecurity policies require documentation of your presence in the USA 5 days immediately prior to the start of the class if international travel has occurred. This course is held immediately after Spring semester ends—the first week of summer break. kmstill@iastate.edu

VDPAM 402 Advanced Dairy Production Informatics
1 credit Wednesday 7:00-8:00 am ANSC D104 Dr. Gorden
Advanced coverage of concepts related to collection, manipulation, analysis and reporting of information used by dairy farms and their consultants. Hands on experience with Dairy Comp 305 and PCDart as well as other dairy management and information software. Taught via Zoom. **Contact the instructor if you are interested.** pgorden@iastate.edu

VDPAM 407 Evidence Based Clinic Decision Making
1 credit Tuesday 6:50-7:40 am VBS 125 Dr. Ramirez/Schwartz
Discussion, lectures and laboratories to assess the quality and significance of medical evidence in making informed decisions about the treatment of individual animals and animal populations. Instructor permission is required to enroll. Taught via Zoom. **Permission from instructor required.** ramireza@iastate.edu

VDPAM 408 Poultry Diseases
1 credit TBD TBD TBD Dr. Sato
Registration # 5607005
Lectures will focus on different common diseases of poultry farms caused by bacteria, viruses, nutrition and more. Meeting dates and times to be determined based upon enrolled student schedules. Fields trip and labs will not be available to UNL students. This elective is offered Spring semester, even years only. Taught via Zoom. ysato@iastate.edu

VMPM 409 Infectious Diseases of Wild Animals
1 credit Tuesday 5:00-7:00 pm VBS 125 Dr. Thoen
Mini session: January 26, 2016—March 1, 2016
Prerequisite: VM1: Undergraduate or graduate level microbiology course; VM2: VMED 686
Infectious diseases (bacterial, viral and mycotic) of non-human primates, birds, ruminants, cold-blooded animals, marine mammals and carnivores. Saturday field trip to Omaha Henry Doorly Zoo will be required. Taught via Zoom. cthoen@iastate.edu

These electives may be available. Discuss the conflict with Foundations IV with Dr. Jones to see if accommodations can be made.

VDPAM 310 Introduction to Production Medicine
2 credit Wednesday 1:00-3:00 pm VBS 125 Dr. Karriker
The role of the veterinarian in the management of animal health and production in populations including evaluation tools in dairy and beef cattle herds, beef feedlots and swine herds will be described. Provides veterinary students with a starting point to understand the principles and techniques that are the basis of food-animal population health diagnosis management programs. This course will involve viewing recorded lectures (1 hour in length) online and quizzes in addition to the 1 hour live sessions taught via Zoom. Live sessions will also be available by echo. VDPAM 310 is a prerequisite for many ISU VDPAM 4th year rotations. karriker@iastate.edu

VDPAM 308 Spanish for Veterinarians
2 credit Wednesday 3:00-4:00 pm VBS 125 Dr. Ramirez
This course is designed to meet the needs of veterinary students who will practice in an environment in which the use of Spanish for accurate client communication is essential which includes much of our food animal industry in the state of Iowa. This is not a traditional Spanish language course. To be successful, students taking the course should have basic knowledge of Spanish pronunciation, grammar and syntax. Prereq: Basic knowledge of Spanish. Taught via Zoom. ramireza@iastate.edu

To be awarded the degree Doctor of Veterinary Medicine, candidates must have passed all required courses in the curriculum of veterinary. Candidates must have earned at least 4 elective credits during the VM1-3 year on a graded basis of A, B, C, D while enrolled in the College of Veterinary Medicine. [ISU Curriculum 2015-20146 Catalog, For the Class of 2018-present](#)
Electives can be taken at either UNL, ISU or a combination of both. Electives will be added to the transcript, but will not count toward the GPA for academic standards evaluation.

Updated 10/29/15