



NC State University

College of Veterinary Medicine



Selectives Catalog

SPRING 2008



To determine which courses are available to your particular class, look at the “**Classes**” designation under each selective. Under this heading, 1 denotes First Year students (Class of 2011), etc. The number of credit hours, focus area priority, the week offered and the minimum and maximum enrollments are also listed with each course.

****Note**** The offerings in this catalog are subject to change without notice

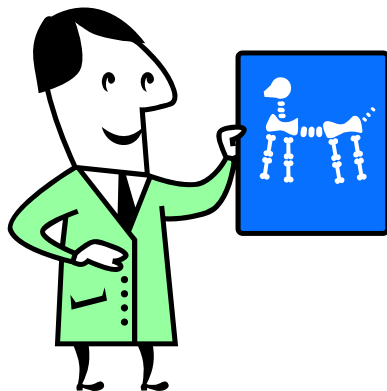
Registration Deadlines

Spring 2008 Registration: February 20-26, 2008

Class of 2009: February 20, 2008

Class of 2010: February 22, 2008

Class of 2011: February 26, 2008



Class of 2009: If you haven't taken the "Success in Business" selective, you must register for it this Spring! Be sure to mark it on your Registration Form.

Spring 2008 Selective Weeks
Week 1: 04/21/08 to 04/25/08
Week 2: 04/28/08 to 05/02/08

Spring 2008

Selective Descriptions

VMB 991E - Transgenics

Dr. Jeffrey Yoder jeff_yoder@ncsu.edu

1 credit

Classes: 1,2,3

Focus Area Priority: Any

Minimum: 1

Maximum: 4

Spring; Week 1; every year

Informal lectures will provide background understanding of the design and rationale of transgenes, the pros and cons of creating transgenic lines in different species and discuss ethical issues of transgenic species (e.g. food animal vs. research models). Students will also have the opportunity to a) transfect GFP-based plasmids into mammalian cells in culture and b) microinject GFP-based transgenes into 1-cell zebrafish embryos and observe the expression of GFP (in cells and embryos) via fluorescent microscopy.

VMB 991G - Avian Anatomy & Physiology

Dr. Smallwood ed_smallwood@ncsu.edu

1 credit

Classes: 1,2,3

Focus Area Priority: Any

Minimum: 10

Maximum: 50

Spring; Week 1; every year

This course is offered as a selective for veterinary students interested in avian medicine. Material presented in this course is intended to serve as a common introduction and prerequisite to other selectives in either food-animal or pet-bird medicine. *This course may satisfy the prerequisites for VMC 998-Wildlife Rehabilitation Medicine and VMC 989-Zoo Medicine. For further information, contact the Zoo Med. Group.*

VMB 991H - Extramural Research Selective

Dr. Matthew Breen matthew_breen@ncsu.edu

1 or 2 credits

Classes: all

Focus Area Priority: Clinician Scientist

Minimum: 1

Maximum: 8

Both Semesters; 1 or 2 weeks, every year

This extramural research selective is designed to provide DVM students enrolled in the Clinician Scientist Focus Area the opportunity to conduct research under the direction of a principal investigator who is not a faculty member at the CVM, NCSU. Locations for completing this selective may include national laboratories, other academic institutions and private companies. Students will be involved in day-to-day research activities including experimental design, execution and interpretation. **This course is restricted to students enrolled in the Clinician**

Scientist Focus Area of the DVM curriculum and requires signature approval by the student's CSFA mentor.

VMB 991I - Veterinary Medicine and Farriery

Dr. Hudson lola_hudson@ncsu.edu 1 credit
Classes: 1,2,3
Focus Area Priority: Equine; Mixed Animal
Minimum: 5
Maximum: 10
Spring; Week 1; every year

Principles and practice of basic farrier techniques. Recognition, use and care of tools; preparation of hoof for shoeing; practice in pulling typical horseshoes; recognition and use of corrective shoes. Instruction in field is one-on-one and day length will vary with professional's schedule. Students must provide own transportation to meet professional at the beginning of each day. **Registration for this selective requires the instructor's signature for permission on your Selective Registration Form prior to turning it in. There are no exceptions! This course is required for participation in the Podiatry selective, Week 2.**

VMB 991B -Immunodiagnostics

Dr. Shila Nordone shila_nordone@ncsu.edu 1 credit
Focus Area Priority: None
Classes: 2,3
Minimum: 4
Maximum: 6
Spring, Week 1; every year

Immunodiagnostics is designed to give veterinary students hands-on experience in performing routine assays used in clinical medicine. This course will examine the principles of diagnostic immunoassays including antigen/antibody reactions, diffusion assays, ELISAs, PCR, and flow cytometry, and enable future clinicians to better interpret and understand results of diagnostic assays used in daily practice.

VMB 992I - Food Animal Residue Avoidance

Dr. Baynes Ronald_baynes@ncsu.edu 2 credits
Classes: 3
Focus Area Priority: Any
Minimum: 2
Maximum: 10
Spring; Both Weeks; every year

This course utilizes the Food Animal Residue Avoidance Databank (FARAD) as a tool for exposing students to the principles of food animal pharmacology relative to controlling drug residues. The course would involve limited formal lectures, review of historic FARAD case studies, answering the FARAD national hot-line and some specifically formulated independent problem solving sessions.

VMC 991A - Companion Avian MedicineDr. Flammer keven_flammer@ncsu.edu

1 credit

Classes: 1, 2, 3

Focus Area Priority: Any

Minimum: 1

Maximum: 8

Spring; Week 1; every year

An introduction to selected aspects of companion avian medicine, husbandry, and behavior. Development of skills will be based on training in lecture, small group, and laboratory settings. All day field trip(s) are a possibility. Topics include aspects of avian anatomy and physiology, the identification of common psittacine and passerine pets, husbandry, capture and handling, diagnostic sample collection, interpretation of diagnostic test results, grooming and wellness assessment. Some aspects of the diagnosis and treatment of common diseases and behavioral problems may also be discussed.

VMC 991C - Skin ToxicologyDr. Monteiro-Riviere nancy_monteiro@ncsu.edu

1 credit

Classes: 1,2,3

Focus Area Priority: Any

Minimum: 1

Maximum: 4

Spring; Week 1; every year

This course will allow students to explore different scientific instrumentation and in-vitro and in-vivo model systems that are currently being utilized in skin toxicology. Specific techniques/tools used to assess toxicity including cell culture, light and transmission electron microscopy, flow through diffusion cells, organ perfusion, transepidermal water loss and techniques for assessing drug absorption.

VMC 991G - Applied Surgical AnatomyDr. Mathews kyle_mathews@ncsu.edu

1 credit

Classes: 2,3

Focus Area Priority: Any

Minimum: 5

Maximum: 10

Spring; Week 2; every year

Lectures reviewing the diagnosis and management of commonly encountered surgical diseases of the dog/cat will be followed by a review of the regional anatomy encountered during the surgical approaches used to treat these conditions. A laboratory will follow each lecture session. Materials covered will include surgical anatomy associated with approaches to the head and neck, thoracic cavity, abdominal cavity and joints of the thoracic and pelvic limbs.

VMC 991H – Extramural Experience-Lab Animal MedicineDr. Melanie Sorrell Melanie_sorrell@ncsu.edu

2 credits

Class: 1,2,3

Focus Area Priority: Lab Animal

Minimum: 1

Maximum: 10

Both Semesters, both weeks, every year

DVM students will have the opportunity to undertake a two-week rotation in an approved laboratory animal (LA) facility under the supervision of a laboratory animal veterinarian. This opportunity will meet the need to increase “hands on” experience as part of focus area requirements or recommendations. *Students must have instructor permission prior to registering for this selective.*

VMC 991 I - Sample Collection and Interpretation

Dr. Williams laurel_williams@ncsu.edu 1 credit
Classes: 1,2,3
Focus Area Priority: Any
Minimum: 10
Maximum: 15
Spring; Week 1; every year

This course is designed to allow students the opportunity to gain mastery of multiple common sampling techniques including, but not limited to, aspiration and biopsy techniques, thoraco- and abdominocentesis, joint fluid aspiration and cerebrospinal fluid collection. The practical aspect of the course will involve practicing each technique on fresh cadaver dogs. In addition, the course will offer an introduction to preparation and interpretation of samples that are collected. The goal of the course is to promote confidence and proficiency in clinically relevant sample collection, handling and interpretation in small animal patients by allowing “hands-on” experience.

VMC 991K - Dentistry for Companion Animals

Dr. Bill Krug wvkrug@ncsu.edu 1 credit
Classes: 1,2,3
Focus Area Priority: Any
Minimum: 5
Maximum: 15
Spring; Week 2; every year

This course is intended to provide training and experience in the diagnosis, treatment and prevention of common disease of the teeth and gums in cats and dogs.

VMC 991 B – Shelter Veterinary Medicine

Dr. Brenda Stevens Brenda_stevens@ncsu.edu 1 credit
Class: 1,2,3
Focus Area Priority: None
Minimum: 2
Maximum: 6
Spring, Week 2, every year

This course will introduce and familiarize students with shelter veterinary medicine. Topics will include infectious disease control, behavior assessment, animal husbandry, animal cruelty and population control. The rotation will be a mixture of lectures, discussion, observing animal shelter departments and various field trips.

VMC 991 F – Extramural Experience-Zoological Medicine

Dr. Laurel Degernes

laurel_degernes@ncsu.edu

1-2 credits

Class: 1,2,3

Focus Area Priority: Zoo Medicine

Minimum: 1

Maximum: 10

Both Semesters, Week 1 and/or Week 2, every year

Restrictive Statement: This course WILL NOT substitute for the minimum zoo medicine selective credits required for the Zoo Focus Area.

This course allows students to participate in customized laboratory and field experiences in zoological medicine (avian, aquatic, reptile, amphibian, invertebrate, and mammalian species). This course is designed to be adapted to the needs of students in the DVM program who desire practical experiences in the discipline. Specific details of individual projects are developed by the course coordinator and participating faculty. *All experiences must be pre-approved by the course coordinator one month prior to the start of selectives.*

VMC 991N – Companion Animal Preventative Care Clinic

Dr. Birkenheuer

ajbirken@ncsu.edu

1 credit

Focus Area Priority: None

Classes: 1,2,3

Minimum: 1

Maximum: 50

Both Semesters; every year

Clinical laboratory session designed to introduce year 1-3 veterinary students to preventative health care in dogs and cats. This “wellness” clinic will be held bimonthly on Saturdays in the Veterinary Teaching Hospital. Students will be responsible for learning basic physical examination skills on dogs and cats, principles of preventative care, and basic techniques of vaccine administration and oral medication administration. Students will be given 1 semester hour of selective credit for every 7 clinics in which they participate. Credit will be given for the semester in which students completes the 7 required clinics. *Students who already completed or will complete (in Spring) the required 7 clinics should register for this selective on their Selective Registration Form.*

VMC 991 (TBD) Clinical Animal Behavior Service on Saturday Clinic

Dr. Barbara Sherman

barbara_sherman@ncsu.edu

1 credit

Focus Area Priority: None

Classes: 2,3

Minimum: 1

Maximum: 4

Both Semesters: Every year

Prerequisite: VMC 927 Introduction to Companion Animal Behavior

This selective will expose students to the diagnosis and management of clinical cases in companion animal veterinary behavior, including such problems as separation anxiety, housesoiling, and compulsive disorders. Early in the Fall, students will sign up to assist the Animal Behavior Clinician and Resident for seven (7) Animal Behavior Service on Saturday Clinics (4 hours each) scheduled during the year. Credit will be given for the

Spring semester when the student completes the 7 required clinics. *Students who completed or will complete the required 7 clinics (in Spring) should register for this selective on their Selective Registration Form.*

VMC 991O - Advanced Topics in Podiatry

Dr. Richard Mansmann dick_mansmann@ncsu.edu 1 credit
Class: 1, 2, 3
Focus Area Priority:
Minimum: 2
Maximum: 8
Spring, Week 2, every year

This course introduces and provides hands on experience with normal foot conformation and proper evaluation and trimming of horse feet. The course will also explain and have students work in the role of the veterinarian in equine medicine and surgery.

VMC 991U - Primate Medicine

Dr. Michael Stoskopf michael_stoskopf@ncsu.edu 1 credit
Classes: 1,2,3
Focus Area Priority: Zoo Medicine
Minimum: 10
Maximum: 30
Spring, Week 2, Even years

Discussion of infectious and non-infectious diseases of primates. Particular emphasis on clinical and pathological presentation, diagnosis, therapeutic options, and preventative medicine. *Student preventative health requirements:* Negative TB test 6 months prior to May 1st and current measles vaccination or proof of recovery from an active case of the disease. *This course may satisfy the prerequisites for VMC 998 – Wildlife Rehabilitation Medicine and VMC 989 – Zoo Medicine. For further information, contact the Zoo Med Group.*

VMC 991V - Environmental Med. & Policy

Dr. Michael Stoskopf michael_stoskopf@ncsu.edu 1 credit
D. Suzanne Kennedy-Stoskopf Suzanne_stoskopf@ncsu.edu
Classes: 1,2,3
Focus Area Priority: Any
Minimum: 6
Maximum: 12
Spring; Week 1; every year

This course will provide students with an understanding of environmental issues as they relate to veterinary medicine and the mechanisms of environmental policy development and implementation through case studies. *This course may satisfy the prerequisites for VMC 998- Wildlife Rehabilitation Medicine and VMC 989-Zoo Medicine. For further information, contact the Zoo Med. Group.* This course will be taught by Dr. S. Kennedy-Stoskopf.

VMC 991X - Professional Meeting

Dr. Bristol david_bristol@ncsu.edu 1 credit
Classes: 1,2,3
Focus Area Priority: Any
Minimum: 5
Maximum: 40
Both Semesters; Week 1 or 2; every year

Students will attend a professional veterinary meeting under faculty guidance. Faculty mentor must be identified who approves of the meeting selected as a valid educational experience and who may require the student to provide a synopsis of the educational experience gained. All meetings must also be approved by the Associate Dean of Academic Affairs. Please see the Professional Meeting Guidelines at the end of this catalog.

VMC 991Y - Equine Dentistry

Dr. Gerard mat_gerard@ncsu.edu 1 credit
Classes: 1,2,3
Focus Area Priority: Equine (this selective is required for this focus area)
Minimum: 10
Maximum: 12
Both semesters; Week 1; every year

This course will provide students with the theory and application of techniques in equine dentistry, including performing a complete oral examination, normal teeth anatomy and changes with age, techniques in basic and advanced dentistry and restraint techniques.

VMC 992G - Small Animal Practice Experience

Dr. Ford rbford@ncsu.edu 2 credits
Classes: 1,2,3
Focus Area Priority: Any
Minimum: 1
Maximum: 100
Both Semesters; Both Weeks; every year

The purpose of this course is to expand opportunities for veterinary students, enrolled in years 1 Though 3 of the professional curriculum, to learn fundamental clinical skills, with emphasis on taking medical histories, performing physical examinations and defining/assimilating clinical problems (diagnostic problem solving.) The 2 weeks of this selective are to be performed consecutively. For more information, contact Dr. Richard Ford. Office: 513-6204 in Room B-333. **Students must contact Dr. Ford prior to choosing this selective.**

VMC 991Q - Invertebrate Medicine

Dr. Lewbart greg_lewbart@ncsu.edu 1 Credit
Classes: 1,2,3
Focus Area Priority: Zoo
Minimum: 5
Maximum: 20
Spring; Week 1; every year

Invertebrate animals comprise 95% of the animal kingdom, yet they are underrepresented in the typical veterinary curriculum. This course will introduce the veterinary student to the anatomy, physiology, natural history, and disease problems of the more important invertebrate groups: sponges, corals, mollusks, annelids, crustaceans, echinoderms, and arachnids. *This course may*

satisfy the prerequisites for VMC 998-Wildlife Rehabilitation Medicine and VMC 989-Zoo Medicine. For further information, contact the Zoo Med. Group.

VMC 992V – Success in Veterinary Practice

Dr. David Bristol david_bristol@ncsu.edu 2 credits
 Class: Mandatory for 3rd year; open to 1, 2 on space available basis
 Focus Area Priority: Any
 Minimum: NA
 Maximum: 100
 Spring Semester: Both Weeks

This selective is required of all veterinary students. It can be taken in any year. Third year students who have not taken this selective MUST take it Spring 2008 and must designate it on their Selective Registration Form. The course is focused on the non-medical skills required for a successful veterinary career. Topics covered include: Practice Management (financial and personnel), communicating with clients, financing a veterinary practice, legal issues, and tax laws.

VMC 992Z - Active Learning in the Comp Animal VTH

DOCS Dept. Head Anthony_blikslager@ncsu.edu 2 credits
 Classes: 1,2,3
 Minimum: See availability per service below
 Maximum: See availability per service below
 Both Semesters; Both Weeks; every year

Students must list their service preference on their registration sheet. These selectives provide students participation with 4th year students on a space-available basis. Service availability and number of openings are listed below. **Students must select and list a 1st, 2nd and 3rd clinic choice on their Selective Registration Form from the following:**

VMC 992Z - Active Learning in the VTH Selective	
Service	Spots Available
Cardiology (Dr. Akins)	1
Dermatology(Dr. Olivry)	1
Equine Medicine (Dr. Jones)	1-2
Equine Orthopedic Surgery (Dr. Tate)	2
Equine Soft Tissue Surgery(Dr. Tate)	2
Neurology(Dr. Munana)	1
Oncology(Dr. Williams)	1-2
Small Animal Medicine(Dr. Bissett)	1
Small Animal Orthopedic Surgery(Dr. Roe)	2
Small Animal Soft Tissue Surgery(Dr. Roe)	2
Triage Service -Day Emergency Service(Dr. Marks)	2
Anesthesia (Dr. Swanson)	2
ICU SA Emergency/Critical Care (Dr. Hanson)	3

*Assignment will be noted and confirmed on the student’s selective registration form when it is returned to them. It is then the student’s responsibility to contact the service for specific

information regarding the details of the selective. Instructor is listed next to the service in the above chart.

VMP 991C - Adv Equine Reproductive Techniques

Dr. Pinto carlos_pinto@ncsu.edu 1 credit
Classes: 1,2,3
Focus Area Priority: Any
Minimum: 2
Maximum: 8
Spring; Week 2; every year

In depth seminars, tutorials and practical experience with reproductive techniques used in stallions and mares.

VMP 991D - Necropsy Pathology

Dr. Meuten don_meuten@ncsu.edu 1 credit
Classes: 2,3
Focus Area Priority: Pathology
Minimum: 1
Maximum: 4 to 6
Both Semesters; Week 1 or Week 2; every year

Students will perform necropsies on hospital cases. They will learn a necropsy technique, perform gross necropsies, trim in tissues and examine light microscopic sections. Correlation of necropsy finding with history, physical exam results and anatomical pathology data will be emphasized.

VMP 991G - Bovine Nutrition

Dr. Alley mark_alley@ncsu.edu 1 credit
Classes: 1,2,3
Focus Area Priority: Any
Minimum: 5
Maximum: 10
Spring; Week 2; every year

Application of ruminant feeding concepts, including feed identification and ration formulation.

VMP 991I – Extramural Experience in Pathology

Dr. Law mac_law@ncsu.edu 1-2 credits
Classes: 2,3
Focus Area Priority: Any
Minimum: 1
Maximum: 7
Both Semesters; Week 1 or Week 1 & 2; every year

Students will select a special research and/or diagnostic problem in veterinary pathology/animal diseases, working with a pathologist (or other mentor, by permission of instructor) in a research or diagnostic setting outside the College of Veterinary Medicine. Students may develop a poster

or other materials to present at the research forum or other meeting. Students should prepare a brief “plan of work” under the guidance of the proposed mentor, to be submitted to Dr. Law at least one week prior to the start of week one of selectives. **Prior permission of the instructor must be obtained in order to register.**

VMP 991J – Artificial Insemination in Cattle

Dr. Farin peter_farin@ncsu.edu 1 credit
Classes: 2, 3
Focus Area Priority: None
Minimum: 5
Maximum: 7
Both Semesters; Week 2; every year

The purpose of this course is to introduce students to the technique of artificial insemination (AI) in cattle and the management practices needed to use it successfully. Students will gain experience with insemination, thawing and handling frozen semen and estrus detection in cattle. Students will also be required to research a topic related to AI in cattle. **Registration for this selective requires the professor’s signature on your selective registration form.**

VMP 991M - Surgical Pathology

Dr. Linder keith_linder@ncsu.edu 1 credit
Classes: 1,2,3
Focus Area Priority: Any
Minimum: 3
Maximum: 6
Spring; Week 1 or Week 2; every year

Principles of specimen handling and processing as well as gross and histological lesion identification and interpretation are covered. Assessment of tissues will be performed for active in-hospital and outside-practice cases, as well as from study sets, in the context of management, prognosis and surgical success. Formal case presentations may be required.

VMP 991O – Swine Health Management

Dr. Almond glen_almond@ncsu.edu 1 credit
Classes: 1,2,3
Focus Area Priority: Any
Minimum: 4
Maximum: 10
Both semesters; Week 1; every year

This selective will focus on applied reproduction in commercial swine herds. The course will involve farm visits, record analysis, lectures, and independent study. The exact curriculum will be dependent on the knowledge of the students. ***Instructor permission is required prior to registration.***

VMP 991W – Avian Pathology I/II

Dr. Barnes john_barnes@ncsu.edu
Dr. Fletcher oscar_fletcher@ncsu.edu

1 or 2 credits

Focus Area Priority: None

Classes: 1,2,3

Minimum: 2

Maximum: 10

Both Semesters; Week 1 or Week 1 & 2; every year

Introductory course in which the gross and microscopic appearance of normal tissues and tissues responding to injury from birds, including poultry, companion, captive and free-living species, will be studied. This selective can be taken more than once. Students must have taken Avian Pathology I to take Avian Pathology II. Contact the instructor/s for permission to take II if not also taking I during Spring 2007 selectives.

VMP 992C - Large Animal Practice Experience

Dr. Mansmann dick_mansmann@ncsu.edu

2 credits

Classes: 1,2,3

Focus Area Priority: Any

Minimum: 1

Maximum: 20

Both Semesters; Both Weeks; every year

This course will provide large animal practice experience for veterinary students, enrolled in years 1 through 3 of the professional curriculum, to observe private practice and learn fundamental clinical skills. **Registration for this selective requires the instructors signature for permission.** For more information, contact Dr. Richard Mansmann. Office: 513-0035 in the Blue Ridge Road Annex.

VMP 992F – Embryo Biotechnology Research

Dr. Farin peter_farin@ncsu.edu

2 credits

Classes: 1,2,3

Focus Area Priority: Any

Minimum: 1

Maximum: 1

Both Semesters; Both Weeks; every year

This course will provide an opportunity for a student to gain research experience in embryo transfer and related technologies in cattle. Students interested in this selective should contact Dr. Farin at the beginning of the semester to plan their research project. **Registration for this selective requires the professor's signature on your selective registration form.**

VMP 992V – Small Ruminant Experience

Dr. Anderson kevin_anderson@ncsu.edu

1 credit

Classes: 1,2,3

Focus Area Priority: Any

Minimum: 3

Maximum: 6

Spring Semester; Week 1; every year

This course will provide students with exposure to veterinary and husbandry practices of small ruminants. The primary means of instruction will be via field visits to small ruminant production units. Course registration is by approval only based upon ruminant interest and experience.

Please see Dr. Anderson for permission prior to registration.

VMP 991Y - Veterinary Medical Terminology in Spanish

Dr. Correa

maria_correa@ncsu.edu

1 credit

Classes: 1,2,3

Focus Area Priority: Any

Minimum: 1

Maximum: 15

Spring; Week 2; every year

This course is open to students who are fluent in Spanish (high school plus some college level Spanish), The selective will mimic an immersion program and will feature a combination of short talks with role-playing. Students will prepare a presentation in Spanish for the rest of the group in common veterinary topics. As a group, the students will write a series of fact-sheets covering different aspects of the veterinary practice.

Fluency requires native speaking or a minimum of two years of study with ‘A’ grades or three years of study with grades of ‘B’ or better. If you have questions about your level of fluency, please contact Dr. Correa prior to registration.

VMP 991(TBD) - Special Topics: Research Pathology (2 Sections)

Dr. Law

mac_law@ncsu.edu

1 credit each

Focus Area Priority: None

Classes: 2,3

Minimum: 1

Maximum: 7

Both Semesters; Week 1 and/or Week 2; every year

Students will select a special research and/or diagnostic problem in veterinary pathology/animal diseases, working in the research laboratory of a pathology faculty mentor (or other faculty mentor, by permission of instructor.) Students may develop a poster or other materials to present at the research forum or other meeting. Student should prepare a brief “plan of work” for the proposed research, under guidance of the proposed faculty mentor, to be submitted to Dr. Law by one week prior to the start of week one of selectives. **Prior permission of the instructor must be obtained in order to register. Please have instructor sign your registration sheet.**

Professional Meeting Guidelines

There are a wide variety of professional meetings, conferences, and conventions that veterinary related associations conduct each year. DVM students are invited to attend these meetings and are eligible to get credit for their attendance.

Students must follow these guidelines in order to receive credit for their attendance at a professional meeting:

- 1) Students will only get selective credit for professional meetings when the meeting was attended during selective time, fall/winter break, or during the summer.
- 2) Credit will not be given for a professional meeting if the student missed class time to attend the meeting.
- 3) The professional meeting selective is one (1) credit. Therefore, the content of the professional meeting must equate to four (4) or more days worth of activities (day and/or night) in order to get professional meeting selective credit.
- 4) The student must have a faculty sponsor arranged and have the meeting approved by the Academic Affairs Office **BEFORE** attending the professional meeting. Meetings attended without prior approval will not be considered for selective credit.
- 5) The sponsor must be faculty attending the professional meeting.
- 6) The faculty sponsor will notify the student as to what is required in order to get selective credit, i.e. writing a paper, and the deadline to submit the work. The faculty sponsor will notify the Academic Affairs Office when the work has been completed satisfactorily.

Frequently Asked Questions

1) What are selectives?

Selectives are special topic courses that are one or two weeks in length. One week of a selective corresponds to one semester hour of credit. Selectives expose students to areas of veterinary medicine with which they may be less familiar and allow students with a clear interest to gain expertise in their chosen field.

2) When are selectives instructed?

There are two weeks at the end of each semester that are reserved for the instruction of selectives. Selectives are instructed during the two weeks after final exams end.

3) What is the grading method for selectives?

Selectives are graded by the Satisfactory/Unsatisfactory method. The grade will appear as an “S” or a “U” on your official university transcript.

4) How do I register for selectives?

During each semester, you will receive the following in your student mailbox: a selective registration form, a schedule detailing which selectives are offered, and instructions on how to complete and return your registration form.

Selective registration is done on a priority system rather than a first come first serve basis. Third year students register first, second year students register second, and first year students register third. Furthermore, each student is assigned a random order number. Students are registered according to the randomly assigned order number, which is indicated on each selective registration form. The order number also gives each student priority within their class. For example, there are two students within the Class of 2008 that are assigned order numbers of 3 and 23. The student that has order number 3 will have priority to register for selectives over the student who was assigned order number 23.

5) How are the priority order numbers generated?

The random order generation tool is used through the data analysis package of Microsoft Excel. The tool randomly assigns each student within a class a different number each time the program is ran. Order numbers are never reused.

6) How do focus areas impact selective registration priority?

Students who have declared a focus area will have priority to register for those selectives that are REQUIRED (not recommended) for their focus area. If a selective is required for a certain focus area, the focus area requirement will be listed under “focus area priority,” both in this catalog and on the selective offerings spreadsheet given to students during selective registration. Students must complete the focus area declaration form in order to have priority. Students can declare their focus area as early as the Spring semester of their first year, but no later than September 15 of their third year.

Considering focus areas, selective registration will still be done through the priority system as follows:

- 3rd year student with declared focus area
- 2nd year student with declared focus area
- 1st year student with declared focus area
- 2nd year undeclared student
- 1st year undeclared student

Priority order numbers will be used as the basis for registration for students within the same class who have declared focus areas. For example, two 3rd year students have declared the Equine focus area, they both want to take Equine Dentistry, and their order numbers are 3 and 23. The student with order number 3 would have priority over the student who has order number 23.

Students with a Mixed Animal or Clinician Scientist Focus are a little different: they each declare one of the other focus areas as an area of interest and are given priority right behind the focus area students.

7) What is the penalty if I have declared my focus area and I would like to change it to a different focus area?

Students who switch from one focus area to another will be given priority behind the other students in that focus area. The last date a student can switch focus areas is September 15, third year.

8) I am a third year student who has declared a focus area. Can a second or first year student who has declared a focus area get in a selective before me?

Yes, but only when a selective is required for a focus area. If a selective is a requirement for a focus area, the registration process would be as follows: 3rd year students with that declared focus area will be registered first, 2nd year students with that declared focus area will be registered second, and all other students (either with another focus area or undeclared) will be registered after that by year and order number.

9) What does “Any” refer to under the focus area priority heading?

Those selectives that are notated by "Any" are open to any student regardless of declared focus area. The selective process for these selectives will be by year and order number.

10) How many credits of selectives do I need?

It is mandatory that each student has 12 selective credits before they start their 4th year clinical rotations. Therefore, each student needs to take 2 credits of selectives each semester during the first, second, and third years.

11) What are professional meetings?

There are a wide variety of professional meetings, conferences, and conventions that veterinary related associations conduct each year. DVM students are invited to attend these meetings and are eligible to get credit for their attendance. Students must follow the professional meeting guidelines set forth in the selective catalog in order to receive credit for their attendance at a professional meeting.

12) What is Small Animal or Large Animal Practice Experience?

Small Animal or Large Animal Practice Experience is when a student sets up a visit with an outside veterinarian or a practice/clinic to gain further clinical skills. Students do not have to have a practice experience arranged before registering. Please check with the selective course coordinator to determine deadlines for arranging your experience: Small Animal – Dr. Richard Ford (Richard_ford@ncsu.edu); Large Animal – Dr. Richard Mansmann (dick_mansmann@ncsu.edu).

13) Can I only take 1 week of a Small/Large Animal Practice Experience?

Both Small and Large Animal Practice Experiences are 2 weeks for 2 credits. Students are not permitted to just take 1 week of the experience. This is the case with any selective that is 2 credits.

14) Can I split up the 2 weeks of Small/Large Animal Practice Experience?

Students request to split the 2 weeks of a practice experience. Taking into consideration the two selective weeks, students request to do weeks 1 and 3, weeks 2 and 4, weeks 3 and 4, etc. Please contact the selective course coordinator before you decide to do this so that they can approve/deny your request.

15) Why do we register for selectives so early?

Selective registration occurs in September, which is two months before selectives are instructed. The two months in between registration and instruction permits the instructors to finalize their selective budgets and acquire the appropriate textbooks and/or supplies for the selective.

16) Do the selectives have course descriptions?

Yes. Each year a selective catalog is created. The selective catalog can be viewed online at http://www.cvm.ncsu.edu:8110/student-services/selectives_catalog.pdf.

17) Why are there minimum and maximum enrollment numbers for selectives?

It takes a budget to run each selective. A minimum enrollment number is put in place to justify the cost of conducting the selective. A maximum enrollment number is put in place to limit the amount of students registered for a selective. We need to consider room space and van rental space. Additionally, it ensures that each student will have a unique learning experience. Once a selective reaches maximum enrollment, it will be closed to other registrations.

18) What happens when a selective does not reach minimum enrollment?

The selective is cancelled, as we could not justify the cost of running the selective without minimum enrollment. If a selective is cancelled, students will need to select another course.

19) Is there an add/drop period for selectives?

Yes, we have an add/drop period for selectives. It's usually the three days after selective registration is over. Students submit a selectives change request form by a stated deadline in order to add/drop selective choices. Adding or dropping a course is permissible as long as the minimum or maximum enrollments are not affected. As with the initial selective registration, adds/drops go through the same priority system.

20) Can I submit a selective change request form for a selective that is closed?

Yes. Students change their selective choices during the add/drop period, which may open a selective that was closed after initial selective registration. Students submitting a selective change request form to add a closed selective will not be dropped from their initial selective if the closed selective does not reopen.

21) Can I change my selective choices after the add/drop period?

No add/drops will be allowed after the deadline except for extreme circumstances. Class rolls are sent to each instructor when the add/drop period is over. Based upon their class roll, instructors prepare a budget and order textbooks/supplies.

22) Can I add a selective that is at its maximum enrollment if I obtain instructor permission?

No. All students must follow the selective guidelines that have been set forth with the priority system. Obtaining instructor permission to add a selective that is closed is unfair to your classmates you have abided by the priority system rules.

23) Can I find a fellow student who is willing to switch selectives with me?

No. All students must follow the selective guidelines that have been set forth with the priority system. Switching selectives with another classmate is unfair to other students who have abided by the priority system rules.

24) Are there other DVM courses that could count as a selective?

We give students selective credit for VMC 999 – Veterinary International Studies.

25) How will I know which selectives are available/closed when I register?

After each class registers, a spreadsheet is sent via email detailing how many seats are available in each selective.

26) Do I have to do a course evaluation form for selectives?

Yes. The Academic Affairs Office will send you an online link to the course evaluation form you'll need to complete. Additionally, course evaluation forms will be placed in the student mailboxes. All course evaluation forms are to be returned to the Academic Affairs Office.

27) Can I take a selective more than once?

It is common for students to take either VMC 992G or VMP 992C more than once. There are a few instances in which students would like to take a selective again, however, the permission of the selective instructor is required.

28) Can I get paid for my practice experience selective (VMC 992G or VMP 992C).

No, you cannot get paid for your practice experience.

29) Can I split the weeks of VMC 992Z – Active Learning in the VTH like we can split the weeks for practice experience selectives?

No, students cannot split the weeks of the Active Learning in the VTH. Active Learning in the VTH is on a block clinical schedule and the clinical coordinators only approve students for two consecutive selective weeks.

30) Can I switch my selective with another student?

No, students cannot switch their selective with another student. Switching defeats the purpose of having the order number system and would be unfair to those students who had the next order number to take the selective.