

# VMC 905: Advanced Topics in Small Animal Dermatology

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## In Workflow

1. 19VMC Grad Head (lizette\_hardie@ncsu.edu)
2. CVM CC Coordinator GR (kenuss@ncsu.edu; kasulli6@ncsu.edu)
3. CVM CC Chair GR (ajbirken@ncsu.edu; sam\_jones@ncsu.edu)
4. CVM Dean GR (kmmeurs@ncsu.edu; keven\_flammer@ncsu.edu)
5. ABGS Coordinator (george\_hodge@ncsu.edu; lian\_lynch@ncsu.edu; mlnosbis@ncsu.edu)
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7. ABGS Chair (george\_hodge@ncsu.edu; lian\_lynch@ncsu.edu; mlnosbis@ncsu.edu)
8. Grad Final Review (george\_hodge@ncsu.edu; lian\_lynch@ncsu.edu; mlnosbis@ncsu.edu)
9. PeopleSoft (ldmihalo@ncsu.edu; blpearso@ncsu.edu; Charles\_Clift@ncsu.edu; jmharr19@ncsu.edu; Tracey\_Ennis@ncsu.edu)

## Approval Path

1. Mon, 01 Feb 2016 13:51:20 GMT  
Elizabeth Hardie (lizette\_hardie): Approved for 19VMC Grad Head
2. Mon, 08 Feb 2016 18:04:39 GMT  
Kirk Nuss (kenuss): Approved for CVM CC Coordinator GR
3. Mon, 08 Feb 2016 18:13:23 GMT  
Adam Birkenheuer (ajbirken): Approved for CVM CC Chair GR
4. Mon, 08 Feb 2016 23:00:36 GMT  
Keven Flammer (keven\_flammer): Approved for CVM Dean GR
5. Wed, 17 Feb 2016 17:43:05 GMT  
George Hodge (george\_hodge): Approved for ABGS Coordinator
6. Wed, 24 Feb 2016 14:35:36 GMT  
Melissa Nosbisch (mlnosbis): Approved for ABGS Meeting

## New Course Proposal

Date Submitted: Thu, 28 Jan 2016 02:30:50 GMT

## Viewing: VMC 905 : Advanced Topics in Small Animal Dermatology

Changes proposed by: pbiziko

### Course Prefix

VMC (Veterinary Medicine - CASS)

### Course Number

905

### Cross-listed Course

No

### Title

Advanced Topics in Small Animal Dermatology

### Abbreviated Title

Advanced Topics in Dermatology

### College

College of Veterinary Medicine

**Academic Org Code**

Teaching - CASS Department (19VMC)

**CIP Discipline Specialty Number**

51.2401

**CIP Discipline Specialty Title**

Veterinary Medicine.

**Term Offering**

Spring Only

**Year Offering**

Offered Every Year

**Effective Date**

Spring 2017

**Previously taught as Special Topics?**

No

**Course Delivery**

Face-to-Face (On Campus)

**Grading Method**

Letter Grade Only

**Credit Hours**

1

**Course Length**

13

weeks

**Contact Hours  
(Per Week)**

**Component Type**

Lecture

**Contact Hours**

1

**Course Is Repeatable for Credit**

No

**Instructor Name**

Petra Bizikova

**Instructor Title**

MVDr, PhD, Dip ACVD, DipECVD; Assistant Profesor of Dermatology

**Grad Faculty Status**

Assoc

## Anticipated On-Campus Enrollment

Open when course\_delivery = campus OR course\_delivery = blended OR course\_delivery = flip

Enrollment Component	Per Semester	Per Section	Multiple Sections?	Comments
Lecture	100	100	No	This is an elective course and therefore the number of students electing to take this course is difficult to predict. Open to 100 students, but likely to be 1/2 of this.

## Course Prerequisites, Corequisites, and Restrictive Statement

Students need to achieve a passing grade in a VMC951 (Companion Anim Med Surg); Concurrent enrollment in 3rd year DVM program

## Is the course required or an elective for a Curriculum?

No

## Catalog Description

This course will provide broad understanding of small animal dermatology by building upon the basic foundation principles covered in VMC 951. Students will learn to recognize, diagnose and treat both common and uncommon skin diseases of small animals.

## Justification for new course:

This course is justified because:

- 1) Dermatologic problems are very common in the practice of small animal medicine. Consistently, in survey studies, dermatology problems are the number one reason, or are in the top 3 reasons, that a client seeks veterinary medical services.
- 2) The vast majority of students enrolled in the veterinary curriculum will become small animal veterinarians.
- 3) Very little material is taught about clinical veterinary dermatology in the curriculum of the College. There are currently only 6 lectures provided in VMC 951. Important information about basic treatments will be provided, including those for ear diseases and atopic dermatitis. Skin diseases of cats will be added. Multi-drug resistant infections will be addressed. Autoimmune diseases will be covered as well as approaches to safe immunosuppression of the dermatology patient. Small mammal (pocket pets) skin diseases will be added.
- 4) This course will fill this curriculum gap and provide resources relevant to the majority of students that will be directly applicable to some of the most common problems in practice of veterinary medicine.

## Does this course have a fee?

No

## Consultation

College(s)	Contact Name	Statement Summary
College of Veterinary Medicine	none	Outside consultant is not required

## Instructional Resources Statement

The lecture workload of teaching this new one credit elective will be spread between three faculty to minimize the impact of the added work. All faculty involved in the course are employed and are currently teaching in the veterinary degree program and have agreed to their lecture commitments. There is no laboratory component of this course.

## Course Objectives/Goals

As skin and ear problems are the most common reasons for small animals to be brought to the veterinarian, this course will aim at broadening the students' knowledge in this subject to allow them to become proficient clinicians.

## Student Learning Outcomes

By the end of the course, students will be able to:

- 
- Identify the most common skin disease of dogs and cats
- 
- Identify the most common skin diseases of pocket pets
- 
- Recognize most common autoimmune skin diseases of small animals
- 
- Recognize skin manifestations of internal diseases
- 
- Recognize presenting features of small animal dermatology emergency cases
- 
- Outline a diagnostic approach and treatment plan for patients with multidrug resistant bacterial skin infections
- 
- Outline a diagnostic approach and treatment plan for acute and chronic/recurrent otitis externa cases
- 
- Design a detailed treatment plan for atopic dermatitis based on published treatment guidelines
- 
- Apply key principles and identify relevant medications for safe immunosuppression of dermatological patients
- 

#### Student Evaluation Methods

Evaluation Method	Weighting/Points for Each	Details
Quizzes	40 points	Instructors will provide eight 5-point Moodle quizzes (take-home) throughout the semester.
Test	60 points	Thirty multiple choice questions, application of knowledge type, comprehensive final exam for all 13 lectures, given during finals week.

#### Topical Outline/Course Schedule

Topic	Time Devoted to Each Topic	Activity
10 top feline dermatological diseases and their management	Week 1	Class room lecture
10 top feline dermatological diseases and their management (continued)	Week 2	Class room lecture
Treatment guidelines of canine AD	Week 3	Class room lecture
Approach to a patients with a multi-resistant skin infection	Week 4	Class room lecture
Nodules – infectious or not	Week 5	Class room lecture
Otitis externa – case-based approach	Week 6	Class room lecture
Otitis externa – treatment approach	Week 7	Class room lecture
Immunosuppression in veterinary dermatology	Week 8	Class room lecture
Selected autoimmune skin diseases	Week 9	Class room lecture
Cutaneous manifestations of internal diseases	Week 10	Class room lecture
Dermatology emergencies	Week 11	Class room lecture
Dermatology of small mammals	Week 12	Class room lecture
Selected cutaneous neoplasias	Week 13	Class room lecture

#### Syllabus

VMC905\_Dermatology Electives\_Bizikova.docx

#### Additional Documentation

#### Additional Comments

The elective course has been pre-reviewed the by Curriculum Committee of the College of Veterinary Medicine. This new course partially fulfills the goals of a larger curriculum development at the College to institute elective courses and it has been pre-approved by the curriculum committee to be relevant to the overall curriculum of the College.

mInosbis 2/9/2016: no conflicting courses or consultation needed outside CVM.

ghodge 2/17/2016 Ready for ABGS review.

ABGS Reviewer Comments:

-No concerns or comments.

**Course Reviewer Comments**

Key: 8860