

63-GNC

APR 20 2015

FORM 1

See <http://www.uaf.edu/uafgov/faculty-senate/curriculum/course-degree-procedures/> for a complete description of the rules governing curriculum & course changes.

TRIAL COURSE OR NEW COURSE PROPOSAL**SUBMITTED BY:**

Department	Veterinary Medicine	College/School	CNSM
Prepared by	Cathy Griseto	Phone	474-1928
Email Contact	cagriseto@alaska.edu	Faculty Contact	Molly Murphy

1. ACTION DESIRED

(check one):

Trial Course

New Course

X

2. COURSE IDENTIFICATION

Dept

DVM

Course #

741

No. of Credits

4

Justify upper/lower division status & number of credits:

Professional Program required course – see CSU syllabus attached

3. PROPOSED COURSE TITLE:

Biology of Disease II / Pathology of Organ Systems I

4. TO BE CROSS LISTED?

YES/NO

NO

If yes, Dept:

Course #

Note: Cross-listing requires approval of both departments and deans involved. Add lines at end of form for additional required signatures.

5. TO BE STACKED?

YES/NO

NO

If yes, Dept:

Course #

How will the two course levels differ from each other? How will each be stacked in the appropriate level?

Stacked course applications are reviewed by the (Undergraduate) Curriculum Review Committee and by the Graduate Academic and Advising Committee. Creating two different syllabi—undergraduate and graduate versions—will help emphasize the different qualities of what are supposed to be two different courses. The committees will determine: 1) whether the two versions are sufficiently different (i.e. is there undergraduate and graduate level content being offered); 2) are undergraduates being overtaxed?; 3) are graduate students being undertaxed? In this context, the committees are looking out for the interests of the students taking the course. Typically, if either committee has qualms, they both do. More info online – see URL at top of this page.

6. FREQUENCY OF OFFERING:

Fall each year beginning 2016

Fall, Spring, Summer (Every, or Even-numbered Years, or Odd-numbered Years) — or As Demand Warrants

7. SEMESTER & YEAR OF FIRST OFFERING (AY2013-14 if approved by 3/1/2013; otherwise AY2014-15)

AY2016-2017

8. COURSE FORMAT:

Note: Course hours may not be compressed into fewer than three days per credit. Any course compressed into fewer than six weeks must be approved by the college or school's curriculum council. Furthermore, **any core course compressed to less than six weeks must be approved by the Core Review Committee.**

COURSE FORMAT
(check all that apply)

1

2

3

4

5

X

6 weeks to full semester

OTHER FORMAT (specify)

Mode of delivery (specify lecture, field trips, labs, etc)

Lectures & Labs

9. CONTACT HOURS PER WEEK

3

Lecture
hours/week

2

LAB
hours/week

PRACTICUM
hours/week

Note: # of credits are based on contact hours. 800 minutes of lecture=1 credit. 2400 minutes of lab in a science course=1 credit. 1600 minutes in non-science lab=1 credit. 2400-4800 minutes of practicum=1 credit. 2400-8000 minutes of internship=1 credit. This must match with the syllabus. See <http://www.uaf.edu/uafgov/faculty-senate/curriculum/course-degree-procedures/guidelines-for-computing/> for more information on number of credits.

OTHER HOURS (specify type)

The labs are clinical labs as defined by UAF policy. Therefore 2 laboratory hours per week correspond to 1 credit hour.

10. COMPLETE CATALOG DESCRIPTION INCLUDING DEPT., NUMBER, TITLE, CREDITS, CREDIT DISTRIBUTION, CROSS-LISTINGS AND/OR STACKING (50 WORDS OR LESS IF POSSIBLE):**EXAMPLE OF A COMPLETE DESCRIPTION:**

FISH P487 M, O Fisheries Management
3 Credits Offered Spring

RECEIVED

APR 15 2015

Dean's Office
College of Natural Science & Mathematics

THEORY AND PRACTICE OF VETERINARY MANAGEMENT, WITH AN EMPHASIS ON STRATEGIES EMPLOYED FOR THE MANAGEMENT OF PRODUCTION AND MARKETING VETERINARIES. PREREQUISITES: COMM 115IX or COMM 114IX; ENGL 111IX; ENGL 121IX or ENGL 121IX; ENGL 141IX; FISH 142IX; or PERMISSION OF INSTRUCTOR. CROSS-LISTED WITH NRM 1487. (3+0)

DVM 741 Department of Veterinary Medicine

4 Credit Offered Fall

Biology of Disease II – Pathology of Organ Systems I

The course will discuss basic principles of disease with special emphasis on organ disease likely to be encountered in veterinary practice. We will discuss these topics organized by underlying disease mechanism. The discussions will move from general cell mediated processes to more specific disease mechanisms

Pre-requisites: Successful completion of first year of veterinary courses

11. COURSE CLASSIFICATIONS: Undergraduate courses only. Consult with CLA CURRICULUM COUNCIL to apply S or X classification appropriately; otherwise leave fields blank.

X = Humanities

S = Social Sciences

Will this course be used to fulfill a requirement for the baccalaureate core? If YES, UNCHECK FORM.

YES:

NO:

X

If YES, check WHICH CORE REQUIREMENTS it could be used to fulfill:

O = Oral Intensive, FORM 6

W = Writing Intensive, FORM 7

X = Baccalaureate Core

11.A Is course content related to MATERIAL, ARTS or CIRCUMFARIAL SCIENCES? If YES, a "SCIENTIFIC" SYMBOL WILL BE ADDED IN THE FUTURE CATALOG, AND PLACED IN BUREAU.

YES

NO

X

12. COURSE REPEATABILITY:

Is this course repeatable for credit?

YES

NO

X

Justification: Indicate WHY the course can be repeated (for example, the course follows a different theme each time).

How many times may the course be repeated for credit?

TIMES

If the course can be repeated for credit, what is the maximum number of credit hours that may be earned for this course?

CREDITS

If the course can be repeated with variable credit, what is the maximum number of credit hours that may be earned for this course?

CREDITS

13. GRADING SYSTEM: Specify only one. Note: Changing the grading system for a course takes on COURSEWORK A MAJOR COURSE CHANGE – FORM 2 FORM.

Letter:

X

PASS/FAIL:

RESTRICTIONS ON ENROLLMENT (if any)

14. Prerequisites

Professional Veterinary Medical program student or permission of instructor

These will be required before the student is allowed to enroll in the course.

15. SPECIAL RESTRICTIONS, CONDITIONS

Professional Veterinary Medical program student or permission of instructor

16. PROPOSED COURSE FEES

TBD

Has a memo been submitted through your dean to the Provost for fee approval?

Yes

Yes/No

17. PREVIOUS HISTORY

Has the course been offered as special topics or trial course previously?

No

Yes/No

If yes, give semester, year, course #, etc.:

18. ESTIMATED IMPACT

WHAT IMPACT, IF ANY, WILL THIS HAVE ON BUDGET, FACILITIES/SPACE, FACULTY, ETC.

Professional Program approved by BOR, Chancellor and Provost – Impact to budget in second year will ease with second cohort of students

19. LIBRARY COLLECTIONS

HAVE YOU CONTACTED THE LIBRARY COLLECTION DEVELOPMENT OFFICER (KLJensen@alaska.edu, 474-6695) WITH REGARD TO THE ADEQUACY OF LIBRARY/MEDIA COLLECTIONS, EQUIPMENT, AND SERVICES AVAILABLE FOR THE PROPOSED COURSE? IF SO, GIVE DATE OF CONTACT AND RESOLUTION. IF NOT, EXPLAIN WHY NOT.

No ☐

Yes ☒

DEPARTMENT WILL KEEP COMPLETE LIBRARY OF REQUIRED COURSE MATERIALS IN AHRB OFFICE

20. IMPACTS ON PROGRAMS/DEPTS

WHAT PROGRAMS/DEPARTMENTS WILL BE AFFECTED BY THIS PROPOSED ACTION?

Include information on the Programs/Departments contacted (e.g., email, memo)

Impact on Animal Resource Center facility for necropsy and specialized needs. ARC contacted and approved (jeblake@alaska.edu)

21. POSITIVE AND NEGATIVE IMPACTS

PLEASE SPECIFY POSITIVE AND NEGATIVE IMPACTS ON OTHER COURSES, PROGRAMS AND DEPARTMENTS RESULTING FROM THE PROPOSED ACTION.

There should be no impact on other departments.

JUSTIFICATION FOR ACTION REQUESTED

THE PURPOSE OF THE DEPARTMENT AND CAMPUS-WIDE CURRICULUM COMMITTEES IS TO SCRUTINIZE COURSE CHANGE AND NEW COURSE APPLICATIONS TO MAKE SURE THAT THE QUALITY OF UAF EDUCATION IS NOT LOWERED AS A RESULT OF THE PROPOSED CHANGE. PLEASE ADDRESS THIS IN YOUR RESPONSE. THIS SECTION NEEDS TO BE SELF-EXPLANATORY. USE AS MUCH SPACE AS NEEDED TO FULLY JUSTIFY THE PROPOSED COURSE.

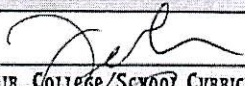
The course is required for second year veterinary students and the syllabus is provided by CSU CVMBS. The course has been approved by their accreditation requirements and will be offered at UAF as part of the 2+2 program (first two years at UAF and last two years at CSU).

APPROVALS: ADD ADDITIONAL SIGNATURE LINES AS NEEDED.

Signature, Chair, Program/Department of:  Date: 4/14/15

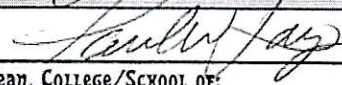
Signature, Chair, Program/Department of:

Veterinary Medicine

Signature, Chair, College/School Curriculum Council for:  Date: 4/16/15

Signature, Chair, College/School Curriculum Council for:

CNSM

Signature, Dean, College/School of:  Date: 4/16/15

Signature, Dean, College/School of:

CNSM

OFFICERS ABOVE THE LEVEL OF APPROVED PROGRAMS MUST BE APPROVED IN ADVANCE BY THE PROVOST.

Signature of Provost (if above level of approved programs) Date

Signature of Provost (if above level of approved programs)

ALL SIGNATURES MUST BE OBTAINED PRIOR TO SUBMISSION TO THE GOVERNANCE OFFICE

Signature, Chair Date

Signature, Chair

Faculty Senate Review Committee: ☐ CURRICULUM REVIEW ☐ GRAC

☐ CORE REVIEW ☐ SADAC

ADDITIONAL SIGNATURES: (As needed for cross-listing and/or teaching)

	Date
Signature, Chair, Program/Department of:	
	Date
Signature, Chair, College/School Curriculum Council for:	
	Date
Signature, Dean, College/School of:	

ATTACH COMPLETE SYLLABUS (as part of this application). This list is online at:

<http://www.uaf.edu/uafgov/faculty-senate/curriculum/course-degree-procedures-uaf-syllabus-requirements/>

The Faculty Senate curriculum committees will review the syllabus to ensure that each of the items listed below are included. If items are missing or unclear, the proposed course (or changes to it) may be denied.

SYLLABUS CHECKLIST FOR ALL UAF COURSES

During the first week of class, instructors will distribute a course syllabus. Although modifications may be made throughout the semester, this document will contain the following information (as applicable to the discipline):

1. COURSE INFORMATION:

☐ title, ☐ number, ☐ credits, ☐ prerequisites, ☐ location, ☐ meeting time
(make sure that contact hours are in line with credits).

2. INSTRUCTOR (and if applicable, Teaching Assistant) INFORMATION:

☐ Name, ☐ office location, ☐ office hours, ☐ telephone, ☐ email address.

3. COURSE READINGS/MATERIALS:

☐ Course textbook title, ☐ author, ☐ edition/publisher.
☐ Supplementary readings (indicate whether ☐ required or ☐ recommended) and
☐ any supplies required.

4. COURSE DESCRIPTION:

☐ Content of the course and how it fits into the broader curriculum;
☐ Expected proficiencies required to undertake the course, if applicable.
☐ Inclusion of catalog description is *strongly* recommended, and
☐ Description in syllabus must be consistent with catalog course description.

5. ☐ COURSE GOALS (general), and (see #6)

6. ☐ STUDENT LEARNING OUTCOMES (more specific)

7. INSTRUCTIONAL METHODS:

☐ Describe the teaching techniques (eg: lecture, case study, small group discussion, private instruction, studio instruction, values clarification, games, journal writing, use of Blackboard, audio/video conferencing, etc.).

8. COURSE CALENDAR:

☐ A schedule of class topics and assignments must be included. Be specific so that it is clear that the instructor has thought this through and will not be making it up on the fly (e.g. it is not adequate to say "lab". Instead, give each lab a title that describes its content). You may call the outline tentative or Work in Progress to allow for modifications during the semester.

9. COURSE POLICIES:

☐ Specify course rules, including your policies on attendance, tardiness, class participation, make-up exams, and plagiarism/academic integrity.

10. EVALUATION:

☐ Specify how students will be evaluated, ☐ what factors will be included, ☐ their relative value, and ☐ how they will be tabulated into grades (on a curve, absolute scores, etc.) ☐ Publicize UAF regulations with regard to the grades of "C" and below as applicable to this course. (Not required in the syllabus, but is a convenient way to publicize this.) Link to PDF summary of grading policy for "C":

http://www.uaf.edu/files/uafgov/Info-to-Publicize-C_Grading-Policy-UPDATED-May-2013.pdf

11. SUPPORT SERVICES:

☐ Describe the student support services such as tutoring (local and/or regional) appropriate for the course.

12. Disabilities Services: Note that the phone# and location have been updated. <http://www.uaf.edu/disability/> The Office of Disability Services implements the Americans with Disabilities Act (ADA), and ensures that UAF students have equal access to the campus and course

materials.

☐ State that you will work with the Office of Disabilities Services (208 WHITAKER BLDG, 474-5655) to provide reasonable accommodation to students with disabilities.

5/21/2013

DVM 741 PATHOLOGY OF ORGAN SYSTEMS I BIOLOGY OF DISEASE II

SYLLABUS – FALL YEAR 2

Department of Veterinary Medicine, University of Alaska Fairbanks

1. Course Information:

Title: Pathology of Organ Systems I / Biology of Disease II
Number: DVM 741
Credit: 4
Prerequisites: Successful completion of first year of veterinary courses
Location: TBD
Meeting time: Three times a week for lectures, time TBD
Once a week 2-hour lab.

2. Instructor Contact Information:

Name: Dr. Molly Murphy
Office Location: 182 Arctic Health Research Building
Office Hours: TBD
Office Phone: 474-1990
Email: mdmurphy@alaska.edu

3. Course Reading/Materials:

Pathologic Basis of Veterinary Disease; McGavin & Zachary,
5th Ed.; 2011
Handouts/Outlines

4. Course Description:

The course will discuss basic principles of disease with special emphasis on organ disease likely to be encountered in veterinary practice. We will discuss these topics organized by underlying disease mechanism. The discussions will move from general cell mediated processes to more specific disease mechanisms

5. Course Goals:

The goals for this course are to provide professional veterinary students with disease mechanisms in organs and to enable them to apply this knowledge in subsequent courses of anatomic pathology and clinical skills and ultimately become competent practitioners of the veterinary profession.

6. Student Learning Outcomes:

At the end of this course students will be able to:

1. Recognize and diagnose diseases in organs.
 - a. Skin
 - b. Respiratory
 - c. Heart
 - d. Liver
 - e. Renal
 - f. GI
 - g. Reproductive

2. Describe the morphologic changes and treatment options in a tissue, and propose a pathogenesis
3. Describe and interpret results of testing.

7. Instructional Methods:

Lectures and laboratories will be utilized in this course.

The lectures will emphasize selected aspects of organ disease that are applicable to the practice of veterinary medicine. Lectures are intended to provide illustration, clarification, and updating of information. Laboratories will consist of both gross specimen assessment, as well as microscopy. The intent of the laboratory is for students to examine specimens which illustrate diseases and processes discussed in lecture, to aid the student in correlating material learned with clinical sequelae.

8. Course Calendar:

For details, refer to the section "Tentative Lecture Schedule" in the end of this syllabus.

9. Course Policies:

- Attendance:

Students are expected to attend all classes. Exams will draw on lecture material and students that do not attend class will likely not do well in exams.

- Classroom Behavior:

Any type of behavior in the classroom that is disruptive, distracting, or disrespectful to the instructor or to your fellow students will not be tolerated and will result in dismissal from the classroom. This includes, but is not limited to, disrespectful comments, the use of tobacco products, consumption of food, use of cell phones or wireless devices, or use of any type of communicative device. All cell phones or other such devices must be turned off while in the classroom. Do not browse the Internet, text message or IM while in the classroom.

- Plagiarism:

Plagiarism is the overt or covert use of other people's work or ideas without acknowledgement of the source. This includes using ideas or data from a classmate or colleague without permission and acknowledgement, including sentences from journal articles in your writing without citing the author, or copying parts of a website into your essay. Plagiarism and cheating are serious offenses that violate the student code of conduct which may result in an "F" in the course and/or referral to the university disciplinary committee.

10. Evaluation:

Exam format and weighting is at the discretion of the instructor. The formula used to establish point values for examination are: points for quizzes of each organ and students must pass a separate laboratory examination.

LABS: LAB ATTENDANCE IS REQUIRED. In general, it is anticipated that a worksheet will be completed, evaluated, and returned for each laboratory. Satisfactory work sheets will be credited 2 points.

GRADING:

A+	96-100	%
A	92-95.9	%
A-	88-91.9	%
B+	84-87.9	%
B	80-83.9	%
B-	76-79.9	%
C+	72-75.9	%
C	68-71.9	%
C-	64-67.9	%
D	60-63.9	%
F	<60	%

Requests for excused absences must first be discussed with the instructor for the section to be missed. It is the responsibility of the student to provide an excused absence form to the instructor for signature. In the event of emergencies resulting in absence, it is the student's responsibility to contact the Department office and register the cause as soon as possible.

11. Support Services:

If you require more assistance than can be provided in class, and office hours, you may want to contact Student Support Services (<http://www.uaf.edu/sssp/>) or the Department of Veterinary Medicine for assistance.

12. Disability Services:

All students, including those with disabilities, are welcome in this course, and we are committed to providing equal access to this course for all students. If you have a disability (including learning disabilities) please inform us during the first week of class so that we can accommodate your specific needs. If you have not already done so, you will also need to contact UAF's Office of Disabilities Services (474-5655). Everyone should have the opportunity to participate fully in the course and to complete assignments and exams to the best of their ability. If accommodations are needed to enable you to do so, we will gladly work with you to provide them.

Tentative Class Schedule

DATE:	TOPIC
9/1-9/2	Introduction to course, Dermatology Infectious diseases of skin LAB - Histology of skin, inflammation
9/5-9/9	Immune mediated diseases and Degenerations in skin Hair follicle diseases LAB - Histology of skin masses Neoplasia in skin
9/12-9/16	Upper respiratory diseases Bronchopneumonia LAB - Histology of lung disease Interstitial pneumonia
9/19-9/23	Pulmonary edema, congestion Emphysema, atelectasis of lungs LAB - Histology of lung diseases Infectious respiratory diseases
9/26-9/30	Vascular disease Vascular disease LAB - Spontaneous disease, gross tissues Heart, valvular disease, conduction system
10/3-10/7	Coronary, myofiber degeneration Myocarditis, necrosis LAB - Examination of hearts

Congestive heart failure, Shock

- 10/10-10/14 Pancreas, pathophysiology and pathology
Liver, pathophysiology and icterus
LAB - Pancreas Lab
Vascular and metabolic disease of liver
- 10/17-10/21 Toxic liver disease and hepatitis
Liver failure and neoplasia
LAB - Liver Lab
Gallbladder and discussion of liver lab data
- 10/24-10/28 Urinary system, normal structure and function
Glomerular disease
LAB - Kidney: gross and microscopic lesions
Renal vascular structure and disease
- 10/31-11/4 Renal tubular disease
Renal interstitial disease
LAB - Lower urinary track: gross and microscopic
Lower urinary track diseases
- 11/7-11/11 Oral Cavity
Esophagus, Rumen
LAB - Stomach
Upper Alimentary Cases
- 11/14-11/18 Intestine structure and function
Infectious diseases, intestine
LAB - Histology of intestinal diseases
Infectious disease, intestine
- 11/21-11/23 Disruption of GI blood supply
Obstruction and neoplasia of intestine
LAB - No lab - Thanksgiving
- 11/28-12/1 Reproductive System development, infection
Female, non pregnant
LAB - Histology of intestinal disease
Female, pregnant
- 12/5-12/9 Reproductive failure
Mammary gland
LAB - Cases
Male repro system

FINAL EXAM - cumulative