**FINAL COURSE OR NEW COURSE PROPOSAL**

**SUBMITTED BY:**
- **Department:** Veterinary Medicine
- **Prepared by:** Cathy Griseto
- **Email Contact:** cagriset@cru.edu
- **College/School:** CNSM
- **Phone:** 474-1928
- **Faculty Contact:** Molly Murphy

1. **ACTION DESIRED**
   - **(CHECK ONE):**
     - [ ] New Course
     - [X] Terminated Course

2. **COURSE IDENTIFICATION:**
   - **Dept:** DVM
   - **Course #:** 741
   - **No. of Credits:** 4
   - **Jury Title/tier/courses:** Professional Program required course – see CSU syllabus attached

3. **PROPOSED COURSE TITLE:**
   - Biology of Disease I / Pathology of Organ Systems I

4. **TO BE CROSSED LISTED:**
   - **YES/NO:** NO
   - **If yes, Dept:**
   - **Course #**

5. **TO BE SCHEDULED:**
   - **YES/NO:** NO
   - **If yes, Dept:**
   - **Course #**

6. **FREQUENCY OF OFFERING:**
   - Fall each year beginning 2016

7. **SEMESTER & YEAR OF FIRST OFFERING:**
   - AY2016-2017

8. **COURSE FORMATTING:**
   - **NOTE:** Course hours may not be compressed into fewer than three days per week. Any course compressed into fewer than six weeks must be approved by the college or school’s curriculum council. Furthermore, any course compressed to less than six weeks must be approved by the Course Offering Committee.

   **COURSE FORMATTING:**
   - [ ] 1
   - [ ] 2
   - [ ] 3
   - [ ] 4
   - [ ] 5
   - [X] 6 weeks to full semester

8. **OTHER FORMATTING (SPECIFY):**
   - Lectures & Labs

9. **CONTACT HOURS PER WEEK:**
   - **Lecture:** 3 hours/week
   - **Lab:** 2 hours/week
   - **Practicum:** 1 hours/week

   **Note:** 4 of the hours are based on contact hours. 800 minutes or 1 hour of lecture, 2400 minutes or 4 hours in a science course, 1600 minutes in non-science lab, 1 hour of 2400-4000 minutes or 1 hour of practicum, 2400-8000 minutes of internships, 1 hour of practicum. This must match with the syllabus. See [http://www.uaf.edu/career/faculty-records/curriculum/course-department-procedures/guidelines-for-computing/](http://www.uaf.edu/career/faculty-records/curriculum/course-department-procedures/guidelines-for-computing/) for more information on number of contact hours.

10. **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.

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**RECEIVED**

**APR 15 2015**

Dean's Office
College of Natural Science & Mathematics
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 mechanisms.
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 CLR 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?  YES:  NO:  X
   IF YES, check which core requirements it could be used to fulfill:
   O = Oral Intensive, Form #
   W = Writing Intensive, Form #
   X = Baccalaureate Core

12. COURSE REPEatability:
   Is this course repeatable for credit?  YES  NO
   Justification: Indicate why the course can be repeated (for example, the course follows different themes 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: Changes in grading system for a course require approval of Arkansas State Course Change – Form #.
   LETTER:  X  PRESS/PRFIL:  

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/No
   Yes

17. PREVIOUS HISTORY
   Has the course been offered as special topics or in other course previously?  Yes/No
   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 consulted the Library Collection Development Officers (alaska.library@alaska.edu, 474-6695) with regard to the adequacy of library/media collections, equipment, and services available for the proposed course? If so, are date of contact and resolution. If not, explain why not.

No □ Yes □

Deprived will keep compiling library of required course materials in AHEC office.

20. Impacts on Programs/Departments

What programs/departments will be affected by this proposed action?

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

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: Signatures listed below are normal.

Date: 4/14/15

Signature, Chair, Program/Department of: Veterinary Medicine

Date: 4/14/15

Signature, Chair, College/School Curriculum Council for: CHSM

Date: 4/14/15

Signature, Dean, College/School of: CHSM

Date: 

Opinions above the level of approved programs must be approved in advance by the Provost.

Date: 

Signature of Provost (if above level of approved programs)

Date: 

All signatures must be obtained prior to submission to the governance office.

Date: 

Signature, Chair
Faculty Senate Review Committee: ___ Curriculum Review ___ GRAC
___ Core Review ___ SADAC

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

Signature, Chair, Program/Department of: ____________________________ Date: __________

Signature, Chair, College/School Curriculum Council for: ____________________________ Date: __________

Signature, Dean, College/School of: ____________________________ Date: __________

APPROVED 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 committee will review the syllabus to ensure that each of
the items listed below are included. If items are missing or unclear, the proposed course
(on 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. INSIGNIOLO (and/or applicable, teaching assistant) INFORMATION:
   - Name
   - Office location
   - Office hours
   - Telephone
   - Email address

3. COURSE MATERIALS/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. SUGGESTED LEARNING OUTCOMES (more specific)

7. INSTRUCTIONAL METHODS:
   - Describe the teaching techniques (e.g., 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 “if.” Instead, give each lab a title that describes its content). You may call the
   online tentative on 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, what 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.
    - Publicize UAF regulations with regard to the grades of “C” and below as applicable to this course.
    - (Note required in the syllabus, but is a component way to publicize this.) Link to PDF summary of grading policy for “C”:

11. SUPPORT SERVICES:
    - Describe the 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
☐ State that you will work with the Office of Disabilities Services (208 WIXRAKER 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 to 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:

<table>
<thead>
<tr>
<th>Grade</th>
<th>Percentage</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>A+</td>
<td>96-100</td>
<td>%</td>
</tr>
<tr>
<td>A</td>
<td>92-95.9</td>
<td>%</td>
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<tr>
<td>A-</td>
<td>88-91.9</td>
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<td>B+</td>
<td>84-87.9</td>
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<td>B</td>
<td>80-83.9</td>
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<tr>
<td>B-</td>
<td>76-79.9</td>
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<td>C+</td>
<td>72-75.9</td>
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<td>C</td>
<td>68-71.9</td>
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<td>C-</td>
<td>64-67.9</td>
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<td>D</td>
<td>60-63.9</td>
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<tr>
<td>F</td>
<td>&lt;60</td>
<td>%</td>
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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

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