EIRL COURSE OR NEW COURSE PROPOSAL

SUNRISE UNIVERSITY

DEPARTMENT: Veterinary Medicine
PREPARED BY: Cathy Griseto
cagriseto@alaska.edu

1. ACTION DESIRED

(RECHECK ONE)

☒ Real Course ☐ New Course

2. COURSE IDENTIFICATION:

(Check One)

☑ Dept DVM Course # 751 No. of Credits 2

3. PROPOSED COURSE TITLE:

Clinical Toxicology

4. To be CROSS LISTED?

☐ Yes ☑ No

5. To be SCHEDULED?

☐ Yes ☑ No

6. FREQUENCY OF OFFERING:

Fall each year beginning 2016

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

AY2016-2017

8. COURSE FORMAT:

Lecture

9. CONTACT HOURS PER WEEK:

2 LECTURE hours/week

10. COMPLETE CATALOG DESCRIPTION INCLUDING DEP., NUMBER, TITLE, CREDITS, CRN, DESCRIPTION, CROSS-LISTING AND/OR SCHEDULING (50 CHARACTERS OR LESS IF POSSIBLE):

FISH F487 M, O fisheries Management 3 Credits

RECEIVED

APR 15 2015

Dean's Office
College of Natural Science & Mathematics
DVM 741  Department of Veterinary Medicine
2 Credit  Offered Fall
Veterinary Clinical Toxicology
This course will provide an overview of clinical toxicology relevant to veterinarians.

Pre-requisites: Successful Completion of First Year in Professional Veterinary Program

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

X = Examinations
S = Social Sciences

Will this course be used to fulfill a requirement for the baccalaureate core? (Y ES, nO)

If YES, check which core requirements it could be used to fulfill:

O = Oral Intensive, Formula 6
W = Written Intensive, Formula 7
X = Baccalaureate Core

11A. IS COURSE CREDIT BEARING IN MAJOR, MINOR, OR CROSSED-COLLEGE REQUIREMENTS? (Y ES, nO) A "CROSSED-COLLEGE" COURSE WILL BE SHOWN IN YOUR PERSONAL Catalogue IN BRACKETS

12. COURSE REPEatability:

Is this course repeatable for credit? (Y ES, nO)

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?

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

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

13. GRADING SYSTEM: Specify only one. Use: CoursE AVERAge System per a course letter or computes a Major Course Credit - Formula 5 form.

Letter: X

Pass/ Fail: [ ]

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

Has a memo been submitted through your dean to the Provost for fee approval? (Y ES, nO)

Yes/No

17. Previous History

Has this course been offered as a special topics or internal course previously? (Y ES, nO)

Yes/No

If yes, give semester, year, course #, etc.
10. ASSESSMENT IMPACT

WHY 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 (kljansen@alaska.edu, 874-6695) 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 NHAB OFFICE.

RESOURCES AVAILABLE IN UAF LIBRARY AS PER CURRENT CATALOGUE.

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, memo)

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

21. POSTIVE 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. 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 signatures lines as needed.

[Signature] Date 4/14/15

Signature, Chair, Program/Department of: Veterinary Medicine

[Signature] Date 4/16/15

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

[Signature] Date 4/16/15

Signature, Dean, College/School of: CNSM

OTHER ACTIONS ABOVE THE LEVEL OF APPROVED PROGRAMS WHICH ARE APPROVED IN ADVANCE BY THE PROVOST.

Date

Signature of Provost (if above level of approved programs)

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

[Signature] Date

Signature, Chair

Faculty Senate Review Committees: __Curriculum Review __GNAC

__Core Review __SADAC
ADDITIONAL SIGNATURES: (as needed for cross-listing and/or tracking)

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RECOMMENDED 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
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, course 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, 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 proficiency 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 Objectives (general), and (see #6)

6. Student 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 "lab". Instead, give each lab a title that describes its content). You may call the
   - online 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":

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, 974-5655) to provide reasonable accommodation to students with disabilities.

5/21/2013
DVM 751 CLINICAL TOXICOLOGY
SYLLABUS – FALL

Department of Veterinary Medicine, University of Alaska Fairbanks

1. Course Information:
   Title: Veterinary Clinical Toxicology
   Number: DVM 751
   Credit: 2
   Prerequisites: Successful Completion of First Year in Professional Veterinary Program
   Location: TBD
   Meeting time: TBD

2. Instructor Contact Information:
   Name: Dr. Todd O’Hara
   Office Location: 182 Arctic Health Research Building
   Office Hours: By appointment
   Office Phone: 474-1838
   Email: tmohara@alaska.edu

   Email is the best way to reach the instructor. You should receive a response to your email within 24 hours when it is received. If you do not receive a reply within this time frame, assume that the email was not received and please resend your message.

3. Course Reading/Materials:
   Reading: None required.
   Recommended:
   • 2001 Toxicology by Gary D. Osweiler
   • Clinical Veterinary Toxicology by Konnie H. Plumlee.
   • 2004 Veterinary Toxicology by Gupta. 2007
   • Radiation Biology for the Radiologist 7th Edition by Eric Hall

4. Course Description:
   This course will provide an overview of clinical toxicology relevant to veterinarians.

5. Course Goals:
   This course will help students determine:
   Important classes of toxins, their origin, mode of action, pathogenesis, clinical signs, treatment, post mortem findings and appropriate sample collection for diagnosis.

6. Learning Outcomes
Students will develop an overall appreciation of clinical toxicology relevant to veterinarians that spans large and small domestic animals; including natural, household and clinical agents. This will include individuals animals, herd health and public health aspects. The future veterinarians will appreciate the important classes of toxins, key sources, target organs and molecules, mechanism of toxicosis, clinical presentation, decontamination, supportive therapy, antidotes, post mortem findings (necropsy) and appropriate data and sample collection for diagnosis as required for any animal practitioner. They will also learn the value of consulting with the appropriate diagnosticians (such as toxicologists and pathologists).

7. Instructional Methods:
The course will consist of lecture sessions.

Attendance Policy: Attendance at all sessions is required. You will be asked to sign an attendance sheet at the beginning of each session. You may only sign in for yourself. Marking any other student as present is an Honor Code violation.

8. Course Calendar:
See tentative lecture schedule at the end of the 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:
Methods of Evaluation and Grading:
Students will be evaluated based on 2 homework assignments (20%), a midterm (40%) and final examination (40%). Students will be ranked. The homework problems will be open book, and the midterm and final examinations will be closed book multiple choice and/or short answer questions. These exams will be a test of knowledge, understanding, and the ability to apply principles covered during the course. Exams will primarily cover material presented in lecture and in case studies. Instructors may assign responsibility for reading material that could be included in the tests. Students must achieve a minimum overall weighted score of 68% or higher in order to receive a passing grade in this course.

DVM 751 Syllabus
Page 2 of 5
• No Make-Up Exams:
  All exams must be taken at the scheduled time. NO EXCEPTIONS! Exams cannot be taken before or after the scheduled date/time. If you miss an exam, you will receive a zero as your grade.
  *Note: If you have a conflict due to a university-sponsored event, you must notify me prior to the exam with a confirmation letter from University authority. If you miss an exam for medical reasons you need to inform the instructor as soon as possible and provide a statement from a licensed physician.

• Grading Scale:

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<th>Points Range</th>
<th>Percentage</th>
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<tbody>
<tr>
<td>A+</td>
<td>96-100</td>
<td>%</td>
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<tr>
<td>A</td>
<td>92-95.9</td>
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<td>A-</td>
<td>88-91.9</td>
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<td>B+</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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<td>F</td>
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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 Lecture schedule

Week 1  Course introduction
         Plant Toxicology
Week 2  Plant Toxicology
Week 3  Plant Toxicology
Week 4  Plant Toxicology
Week 5  Pesticide Toxicity
Week 6  Herbicide Toxicity
         MidTerm Test
Week 7  Rodenticide and Avicide Toxicity
         Respiratory Toxins
Week 8  Pharmaceuticals
         Biological Toxins - Mycotoxins
Week 9  Biological Toxins – Envenomations
Week 10 Biological Toxins
         Household plant toxins
Week 11 Radiation Toxicity
Week 12 Household toxins
Week 13 Thanksgiving
Week 14 Treatment principles
         Metal toxicities
Week 15 Ionophores, urea

FINAL EXAM - cumulative