Texas A&M University
Departmental Request for a Change in Course
Undergraduate • Graduate • Professional
• Submit original form and attachments •

1. This request is submitted by the Department of [Ecosystem Science and Management]

2. Course prefix, number and complete title of course: RLEM 601, Rangeland Resource Management

3. Change requested
   a. Prerequisite(s): From: ___________________________ To: ___________________________
   b. Withdrawal (reason): ___________________________
   c. Cross-list with: ___________________________

   Cross-listed courses require the signature of both department heads.

   d. Change in course title and description. Enter complete current course title and current course description in item 4; enter proposed course title and proposed course description in item 5.

   e. Change in course number, contact hours (lab & lecture), and semester credit hours. Complete item 6. Attach a course syllabus.

4. Complete current course title and current course description:

5. Complete proposed course title and proposed course description (not to exceed 50 words):

6. a. As currently in course inventory:

<table>
<thead>
<tr>
<th>Prefix</th>
<th>Course #</th>
<th>Title (excluding punctuation)</th>
</tr>
</thead>
<tbody>
<tr>
<td>RLEM</td>
<td>601</td>
<td>Rangeland Resource Management</td>
</tr>
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</table>

<table>
<thead>
<tr>
<th>Lect.</th>
<th>Lab</th>
<th>SCH</th>
<th>CIP and Fund Code</th>
<th>Admin. Unit</th>
<th>FICE Code</th>
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<tbody>
<tr>
<td>03</td>
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<td>00</td>
<td>3 0111060005</td>
<td>0841003632</td>
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</table>

b. Change to:

<table>
<thead>
<tr>
<th>Prefix</th>
<th>Course #</th>
<th>Title (excluding punctuation)</th>
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</thead>
<tbody>
<tr>
<td>ESM</td>
<td>610</td>
<td>Rangeland Resource Management</td>
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<th>Lab</th>
<th>SCH</th>
<th>CIP and Fund Code</th>
<th>Admin. Unit</th>
<th>Acad. Year</th>
<th>FICE Code</th>
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<tbody>
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<td>084109-003632</td>
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</tbody>
</table>

Approval recommended by: [Signature] 8/7/08

Head of Department

Chair, College Review Committee

Dean of College

Submitted to Coordinating Board by: [Signature] 11/1/08

Associate Director, Curricular Services

Questions regarding this form should be directed to Sandra Williams at 845-8201.
Curricular Services – 11/07
ESSM 610
RANGELAND RESOURCE MANAGEMENT
Spring 2009

Instructors:
Wayne Hamilton, Room 213D, Animal Industries Building
Phone: 979 845-5589, Fax: 979 845-6430, Email: wt-hamilton@tamu.edu

Doug Tolleson, Room 213C, Animal Industries Building
Phone: 979 845-3397, Fax: 979 845-6430, Email: tolleson@cnrit.tamu.edu (Note: Dr. Tolleson will be moving to Arizona to take a faculty position with UAZ in January, but his lectures will be available to the class via Distance Education. Contact information for Dr. Tolleson will be furnished later.)

Class Meeting Time and Date:
Mondays of each week as scheduled (see detailed class lecture schedule), 3:00 – 6:00pm, Animal Industries Building Room 229.

Textbook and Class Materials:
Grazing Management: An Ecological Perspective
R. Heitschmidt and J. W. Stuth (Editors)
For hard copy: Timber Press, 9999 S.W. Wilshire, Portland, Oregon 97225

Range Management: Principles and Practices
J.L. Holochek, Rex D. Pieper and Carlton H. Herbel, 3rd Edition
Prentice Hall, Inc. 1998

Additional reading materials may be provided and/or assigned.

Catalog Description:
Basic concepts and theories of rangeland resource management; trends in range classification, grazing management and improvement practices.

Prerequisites:
Graduate classification in agriculture or related subject matter areas.

Learning Outcomes:
1. Develop a basic understanding of the major principles of range management.
2. Develop an understanding of the application of the most important field methods used in range inventory and analysis and to familiarize students with some important range plants and range improvement practices.
3. Familiarity with current resource assessment software.
4. Stimulate interest in the art and science of rangeland management and future trends of human impact on rangelands worldwide.
Course Grading:
There will be 2 exams, 35% each or 70% of the course grade and a series of projects/papers/exercises comprising 30% of the course grade. The final exam covers only materials presented after exam one.

Grade categories-

- 90+ = A
- 80-89 = B
- 70-79 = C
- 60-69 = D
- <60 = F

RLEM 601
Lecture Schedule Spring 2009

<table>
<thead>
<tr>
<th>Day</th>
<th>Lecturer</th>
</tr>
</thead>
<tbody>
<tr>
<td>Orientation/Rangelands Defined</td>
<td>Hamilton</td>
</tr>
<tr>
<td>Holiday (M.L. King, Jr. Day)</td>
<td>NA</td>
</tr>
<tr>
<td>Society for Range Management Meeting (no class)</td>
<td>NA</td>
</tr>
<tr>
<td>Range Plant Physiology/Morphology</td>
<td>Hamilton</td>
</tr>
<tr>
<td>Ecological Principles/ Ecological Sites</td>
<td>Hamilton</td>
</tr>
<tr>
<td>Nutritional Ecology of Rangeland Herbivores</td>
<td>Tolleson</td>
</tr>
<tr>
<td>Nutritional Monitoring of Rangeland Herbivores</td>
<td>Tolleson</td>
</tr>
<tr>
<td>Forage Management/Stocking Rates</td>
<td>Hamilton</td>
</tr>
<tr>
<td>Mid-term Exam</td>
<td>Hamilton</td>
</tr>
<tr>
<td>Spring Break (no class)</td>
<td>NA</td>
</tr>
<tr>
<td>Rangeland Vegetation Manipulation</td>
<td>Hamilton</td>
</tr>
<tr>
<td>Drought Management</td>
<td>Hamilton</td>
</tr>
<tr>
<td>Rangeland Grazing Systems</td>
<td>Tolleson</td>
</tr>
<tr>
<td>Range Management on Public Lands</td>
<td>Tolleson</td>
</tr>
<tr>
<td>Rangeland Watersheds – Dynamics and Significance (Invited Speaker)</td>
<td>Conner</td>
</tr>
<tr>
<td>Economics Applied to Rangeland Systems</td>
<td>Hamilton</td>
</tr>
<tr>
<td>Range Management for Wildlife Emphasis (Invited Speaker)</td>
<td>Hamilton</td>
</tr>
<tr>
<td>Field Trip</td>
<td>Hamilton</td>
</tr>
</tbody>
</table>

Final Exam (12:30 – 2:30). All assignments not previously submitted are due. Hamilton/Tolleson
Late Work/Make-up Policy

If you miss a regularly scheduled examination, only written excused absences will be accepted as a pass to take a make-up examination. An excused absence means that illness or some other problems beyond your control prevented you from preparing for, or being present at, a scheduled exam. You must register your excused absence within 7 days of the missed exam. Exercises and reports shall be submitted on the due date; if late they will only be accepted with a written excuse.

Attendance Policy

Attendance will only be taken the first few class periods until drops, adds and other variables that may affect the final enrollment are addressed. Thereafter attendance will not be taken. If you are absent for an extended period you should notify the instructor of the nature of your absence.

For any other questions or concerns, please refer to http://student-rules.tamu.edu

Americans with Disabilities Act (ADA) Policy Statement

The Americans with Disabilities Act (ADA) is a federal anti-discrimination statute that provides comprehensive civil rights protection for persons with disabilities. Among other things, this legislation requires that all students with disabilities be guaranteed a learning environment that provides for reasonable accommodation of their disabilities. If you believe you have a disability requiring an accommodation, please contact the Department of Student Life, Services for Students with Disabilities, in Cain Hall or call 845-1637.

Academic Integrity Statement

“An aggie does not lie, cheat, or steal, or tolerate those who do.”

For more information see the Honor Council Rules and Procedures on the web at: http://www.tamu.edu/aggiehonor

Aggie Honor Code

“An Aggie does not lie, cheat, or steal or tolerate those who do.”

Upon accepting admission to Texas A&M University, a student immediately assumes a commitment to uphold the Honor Code, to accept responsibility for learning and to follow the philosophy and rules of the Honor System. Students will be required to state their commitment on examinations, research papers, and other academic work. Ignorance of the rules does not exclude any member of the Texas A&M University community from the requirements or the processes of the Honor System. For additional information please visit: www.tamu.edu/aggiehonor/

On all course work, assignments, and examinations at Texas A&M University, the following Honor Pledge shall be preprinted and signed by the student:

“On my honor, as an Aggie, I have neither given nor received unauthorized aid on this academic work.”