Course Change Request

Viewing: WFSC 300 : Field Studies
Also Known As: ENTO 300
Last edit: 12/19/17 1:35 pm
Changes proposed by: lutchins

This course:
- BS-WFSC-V7Y+: Wildlife and Fisheries Sciences - BS, Vertebrate Zoology Option
- BS-WFSC-WEC+: Wildlife and Fisheries Sciences - BS, Wildlife Ecology and Conservation Option

Other Courses referencing this course:
- ENTO 300 - Field Studies

Faculty Senate Number

Contact(s)

<table>
<thead>
<tr>
<th>Name</th>
<th>E-mail</th>
<th>Phone</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lindsay Hutchins</td>
<td><a href="mailto:lhutchins@tamu.edu">lhutchins@tamu.edu</a></td>
<td>979-845-5704</td>
</tr>
</tbody>
</table>

Rationale for Course

The proposed changes are part of a routine curriculum review.

Course prefix  WFSC  
Department  Wildlife & Fisheries Sciences
College/School  Agriculture & Life Sciences
Academic Level  Undergraduate

Undergraduate course level justification (Select One)

Academic Level  Graduate
Effective term  2018-2019

Complete Course Title  Field Studies
Abbreviated Course Title  FIELD STUDIES

Catalog course description
Integration of principles of animal and plant ecology with environmental factors to characterize wildlife populations. Intensive analysis of specific areas will emphasize either the development of a wildlife management plan or a general vertebrate natural history survey.

Prerequisites and Restrictions
- Prior approval of instructor and concurrent enrollment in WFSC 450 and WFSC 451.  Prior approval of instructor.

Concurrent Enrollment  No
Should catalog prerequisites / concurrent enrollment be enforced?  Yes No

In Workflow
1. WFSC Department Head
2. ENTO Department Head
3. Curricular Services Review
4. AG Committee Preparer UG
5. AG Committee Chair UG
6. AG College Dean UG
7. UCC Preparer
8. UCC Chair
9. Faculty Senate Preparer
10. Faculty Senate
11. Provost II
12. President
13. Curricular Services
14. Banner

Approval Path
1. 12/19/17 8:17 am  
   Michael Masser (m-masser): Approved for WFSC Department Head
2. 12/19/17 9:59 am  
   Pete Teel (pteele): Approved for ENTO Department Head
3. 12/19/17 1:35 pm  
   Sandra Williams (sandra-williams): Approved for Curricular Services Review
4. 12/19/17 3:05 pm  
   Dawn Kerstetter (dkerstetter): Approved for AG Committee Preparer UG
5. 01/04/18 4:12 pm  
   Bob Knight (b-knight): Approved for AG College Dean UG
6. 01/04/18 4:43 pm  
   Kim Dooley (k-dooley): Approved for AG College Dean UG
7. 01/08/18 8:45 am  
   Sandra Williams (sandra-williams): Approved for UCC Preparer
8. 02/05/18 2:22 pm  
   Sandra Williams
Enforced Prerequisites / Concurrent Enrollment

<table>
<thead>
<tr>
<th>And/Or</th>
<th>Course Prefix/Number</th>
<th>Min Grade/Score</th>
<th>Academic Level</th>
<th></th>
<th>Concurrency?</th>
</tr>
</thead>
<tbody>
<tr>
<td>And</td>
<td>WFSC 450</td>
<td>D</td>
<td>UG</td>
<td></td>
<td>Yes</td>
</tr>
<tr>
<td></td>
<td>WFSC 451</td>
<td>D</td>
<td>UG</td>
<td></td>
<td>Yes</td>
</tr>
</tbody>
</table>

Crosslistings: Yes
Crosslisted With: ENTO 300
Stacked: No
Stacked with: 

<table>
<thead>
<tr>
<th>Semester</th>
<th>Contact Hour(s) (per week):</th>
<th>Lecture:</th>
<th>Lab:</th>
<th>Other:</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>3</td>
<td></td>
<td>0</td>
<td>0</td>
<td>3</td>
<td>3</td>
</tr>
</tbody>
</table>

Repeatable for credit? No
Three-peat? No
CIP/Fund Code: 2607020002
Default Grade Mode: Letter Grade(G)
Alternate Grade Modes: Satisfactory/Unsatisfactory
Method of instruction: independent-study
Laboratory

Will sections of this course be taught as non-traditional? (i.e., parts of term, distance education) Yes

Learning Outcomes

Meets traditional face-to-face learning outcomes.

Describe how learning outcomes are met or provide justification why they are not met.
Throughout the trip, students will be asked to keep a daily travel journal. This journal will be used to record observations; list new species; reflect on daily activities; reflect on cultural difference and similarities; process learning experiences; and articulate learning outcomes as they happen. This journal will serve as a record of student experiences throughout the trip. The combination of the individual and the group projects as well as the reflective journal will enable the achievement of all learning outcomes to be assessed.

Hours

Meets traditional face-to-face hours.

Describe how hours are met or provide justification why they are not met.

Each day, students will meet with instructors in the morning and in the evening for approximately 1 hour each to discuss project, problems, and events. Throughout the trip, instructors will lead students on excursions designed to enhance their understanding of the culture, environment, and ecology of the Caribbean. This trips will involve active learning and lectures by the instructors. The rest of the trip will be spent allowing the students to work on research projects. Instructors will be available at all times the students are working for assistance, questions, feedback, and problem solving.

Will this course be taught as a distance education course? No
Is 100% of this course going to be taught in Texas? No
Will classroom space be needed for this course? No
course?

This will be a required course or an elective course for the following programs:

Required (select program)

Elective (select program)

Has/will this course be(en) submitted for core curriculum consideration? No

Has/will this course be(en) submitted for Writing or Communication consideration? No

Has/will this course be(en) submitted for ICD consideration? No

Course Syllabus

Syllabus: Upload syllabus

Upload syllabus ENTO_WFSC 300 Syllabus.pdf

Letters of support or other documentation No

Additional information

Reviewer Comments

Sandra Williams (sandra-williams) (12/18/17 3:16 pm): Rollback: Please update the "Prerequisites and Restrictions" field to include "Concurrent enrollment in WFSC 450 and WFSC 451" so that it appears in the catalog. Are you still requiring "Prior approval of instructor"?

Sandra Williams (sandra-williams) (12/19/17 1:35 pm): Edits made to enforced prerequisite table to comply with catalog prerequisites.

Sandra Williams (sandra-williams) (02/05/18 2:22 pm): UCC approved February 2018.

Reported to state? No

Key: 16396
Course title and number: ENTO/WFSC 300 Field Studies
Term: Summer I 2018
Meeting times and location: TBD

Course Description and Prerequisites

Description: Students will prepare and carry out two research projects while traveling in the Caribbean. These projects will involve some sort of data collection and analysis, and result in a paper that will be submitted for publication. Experimental design, data analysis, and writing techniques will be emphasized.

Prerequisites: Co-Enrollment in ENTO/WFSC 450/451

Mode of Instruction and Course Access

This course will be offered through individual and group in person meetings, eCampus, and remote instruction. Students should be able to access eCampus and

Instructor Information

Name: Dr. Adrienne Brundage and Dr. Kevin Conway
Telephone number: 979-845-9731
Email address: Adrienne.brundage@tamu.edu, Kevin.conway@tamu.edu
Office hours: Thursdays 10-1:00 PM
Office location: Heep 404A

Student-Instructor Interaction

Students will be expected to attend a minimum of four in person meetings with instructors. Instructors will answer emails once per day, and will be available during office hours. If remote meetings are necessary, these meetings will be available via Skype by appointment.

A total of 15 hours of instruction will be presented to students through one-on-one meetings, group meetings, video lectures and feedback on work. Three 1-hour one-on-one meetings and three 1-hour group meetings will be scheduled before and after the trip to prepare students for their research, and assist students with paper and presentation work. Videos explaining the common methods of writing scientific papers and creating presentations will be available to students via eCampus, comprising a total of 7 hours of instruction. Instructors will also review and revise papers and presentations, giving each student substantive feedback for each iteration.

Students requiring extra assistance or those with questions may request extra time with professors.

Textbook and/or Resource Material

Required: All required resource materials will be provided
Learning Outcomes
Upon completion of this course, students will be able to:

- Articulate a clear research question or problem and formulate a hypothesis
- Identify and demonstrate appropriate research methodologies and know when to use them
- Use the library and other tools to search for existing body of research relevant to their topic
- Know existing body of research relevant to their topic and explain how their project fits
- Reflect on their own research, identifying lessons learned, strengths, and ways to improve
- Communicate confidently and constructively with faculty as mentors
- Explain their research to others in the field and to broader audiences through research presentations

Grading Policies
Grades may be earned through points gained on writing assignments:
Initial research question/hypothesis…………………………………50 points
Introduction……………………………………………………………..50 points
First draft of final paper……………………………………………….100 points
Second draft of final paper……………………………………………100 points
Final paper draft………………………………………………………..200 points
Presentation draft………………………………………………………100 points
Final presentation draft………………………………………………...200 points

Total Points Available……800 points

Final Grade:  A  =  90 -100%, B  =  80 – 89%, C  =  70 – 79%, D  =  60 – 69%, F  =  Below 60%.

Attendance and Make-up Policies
Policies set forth in student rule 7 for attendance and make-up will be followed (http://student-rules.tamu.edu/rule07 ). You are expected to attend class and complete all assignments. Students missing mandatory meetings will have two weeks to make up the meeting. Missing of meetings with instructors will result in an incomplete in the course.

Course Topics, Calendar of Activities, Major Assignment Dates
(14 weeks - 15th week is first week of finals. Include lab hours. Must include dates on which major exams will be given and assignments will be due and should not be changed without notification of all students in the course. THIS INFORMATION HAS BEEN PLACED HERE FOR REFERENCE ONLY. PLEASE REMOVE BEFORE PREPARING SYLLABUS.)

<table>
<thead>
<tr>
<th>Week</th>
<th>Topic</th>
<th>Required Reading</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Question and Hypothesis, Meeting #1</td>
<td>TBD</td>
</tr>
<tr>
<td>2</td>
<td>Travel/Data Collection</td>
<td>TBD</td>
</tr>
<tr>
<td>3</td>
<td>Travel/Data Collection</td>
<td>TBD</td>
</tr>
<tr>
<td>4</td>
<td>Travel/Data Collection</td>
<td>TBD</td>
</tr>
<tr>
<td>5</td>
<td>Paper drafts, Presentation drafts, final paper</td>
<td>TBD</td>
</tr>
</tbody>
</table>
Technology Requirements
Students should have access to reliable computers with word-processing software, internet access, and access to eCampus.

Technology Support
For technological or computer issues, students should contact Instructional Technology Services (ITS):
(979) 862-3977, Main Office Phone
(979) 458-3417, Support Line

Americans with Disabilities Act (ADA)
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 Disability Services, in Cain Hall, Room B118, or call 845-1637. For additional information visit http://disability.tamu.edu

Academic Integrity

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

For additional information please visit: http://aggiehonor.tamu.edu