Course Change Request

Date Submitted: 02/12/18 11:54 am

Viewing: MARB 607 : Research and Conservation in Greece-Dolphins, Fisheries and Cultural Heritage

Last approved: 02/09/18 3:25 am
Last edit: 02/13/18 9:20 am
Changes proposed by: ballr

Catalog Pages
referring this course

Faculty Senate Number  66-35-054

Contact(s)

<table>
<thead>
<tr>
<th>Name</th>
<th>E-mail</th>
<th>Phone</th>
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<tbody>
<tr>
<td>Rachel Ball</td>
<td><a href="mailto:ballr@tamug.edu">ballr@tamug.edu</a></td>
<td>4097404531</td>
</tr>
</tbody>
</table>

Approval Path

1. 02/12/18 1:17 pm
   Jaime Alvarado-Bremer
   (jaimab): Approved for
   MARB Department
   Head

2. 02/13/18 9:20 am
   Sandra Williams
   (sandra-williams): Approved for Curricular
   Services Review

3. 02/13/18 10:04 am
   Nicole Kinslow
   (wilkinsn): Approved for
   GV Committee Preparer
   GR

4. 02/13/18 10:09 am
   Antonietta Quigg
   (quigg): Approved for
   GV Committee Chair
   GR

5. 02/13/18 10:11 am
   Antonietta Quigg
   (quigg): Approved for
   GV College Dean GR

6. 02/16/18 12:54 pm
   Meagan Kelly
   (meagan-kelly): Approved for GC
   Preparer

7. 03/01/18 3:17 pm
   LaRhesa Johnson
   (ljohnson): Approved for GC Chair

In Workflow

1. MARB Department
   Head
2. Curricular Services
   Review
3. GV Committee
   Preparer GR
4. GV Committee Chair
   GR
5. GV College Dean GR
6. GC Preparer
7. GC Chair
8. Faculty Senate
   Preparer
9. Faculty Senate
10. Provost II
11. President
12. Curricular Services
13. Banner

Rationale for Course

Edit

The proposed changes are part of a routine curriculum review.

Other

Explain other rationale

Providing justification for non-traditional course.

Catalog course
description

Lectures, readings and labs on the ecology and behavior of the vertebrate fauna of Greece; laboratory hands-on experience of the marine environment from boats, readings, videos, interpretation and select major peer-review scientific papers and books.

Prerequisites and
Restrictions

Approval of instructor.

Concurrent Enrollment  No

https://nextcatalog.tamu.edu/coursedept/approve/
Learning Outcomes

Meets traditional face-to-face learning outcomes.

Describe how learning outcomes are met or provide justification why they are not met.

The Marine Biology Department has determined learning outcomes for the shortened course to be the same for the face-to-face students by providing the same materials and rigor to the course. The course Research and Conservation in Greece: Dolphins, Fisheries, and Cultural Heritage (MARB 407/607) is a hands-on experience and exploration of the biology of vertebrates and cultural aspects in Greece while providing students an opportunity to gain first hand research experience. The students spend 12 days in coastal location where they are immersed in the environment, fauna and flora of the southwestern Greece. We have taught this summer course since 2012, and have multiple testimonials to indicate that it is a powerful and educationally didactic experience while receiving lectures on marine vertebrates including both mammals and fishes, and local Greek culture. We spend several hours each day in focused lectures and five-to-six hours in field observations, data collection and activities led by the instructors and experienced graduate students. At the end of the 12-day session, the students present an independent research project to the class and are evaluated. The direct interactions foster an intellectual intimacy that in not possible in regular classes since they are with the staff for 24-hours per day while in Greece. Before the course, students are required to read 5-10 papers on topics that will be related to the course while in Greece. There are very few other MARB courses that provide such an intensive field research experience, and the reviews from the students are consistently very good.

Hours

Meets traditional face-to-face hours.

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

Per paragraph 2.4 in University Rule 11.03.99.M1, these courses must account for 45-48 hours of instructional time for each three credit hour course. Additionally, these courses should include additional time consistent with the expectation that a student will spend two hours of work for every one hour of instructional time in the classroom while taking into account alternative delivery methods, measurements of student work, discipline, degree level, etc.

Per University Rule 11.03.99.M1, paragraph 2.4, the department determined that the course taught in a shortened form meets the same credit hour requirement as face-to-face courses taught in a long semester by ensuring that the course met the 60-64 hours instructional time over the 4 weeks for a 4 credit course. Overall, face-to-face time in this course is 80 hours of about 25% are lectures and lab exercises and 75% is associated with field observations and research.
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

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

Required (select program)

Elective (select program)

Course Syllabus

Upload syllabus

Letters of support or other documentation No Yes

Additional information Changing the title of the course to show the new location of the class; it will no longer be in the Gulf of Corinth, but in Volos, Greece.

Reviewer Comments Reported to state? No

https://nextcatalog.tamu.edu/courseleaf/approve/
Research and Conservation in Greece: 
Dolphins, Fisheries, and Cultural Heritage 
MARB 407/607, Summer I, 2018 
Location: Vonitsa, Greece 
July 1-August 3, 2018 
Field Course: July 23-August 3, 2018

Lectures and Labs by David Wells and JoAn Gonzalvo 
Email: wellsrm@tamug.edu 
Office: Ocean and Coastal Studies Building, Room 262 
Phone: 409-740-4989 (Office), Field phone to be designated at a later time

This course consists of lectures, readings, and labs on the ecology and behavior of the vertebrate fauna of Greece. Laboratory consists of hands-on experience of the marine environment from boats, readings, videos, interpretation, and select major peer-review scientific papers and books.

**Grading** for MARB 407/607 will be by evaluation of quizzes (33%), a final exam (33%), and a final project presentation (34%). Graduate students taking the course as MARB 607 will be required to accomplish a further project, to be discussed per individual and their background. Grading scale is 90+ = A, 80-89 = B, 70-79 = C, 60-69 = D, and <60 = F.

**Course Prerequisites:**
For MARB 407 the prerequisites are sophomore, junior or senior standing and minimum 2.0 GPA along with a vertebrate or chordate course, or permission of instructor.
For MARB 607 the prerequisites are graduate standing or permission of instructor.

**Major Learning Outcomes:**
a) Knowledge: Recognize, outline, and repeat previously learned information on the diverse marine mammal and other fauna of this nearly enclosed Mediterranean near-shore oceanic environment where deep waters meet near-shore shallow areas, and provide a complex interaction of closely juxtaposed ecosystems;
b) Comprehension: Describe and summarize an understanding of the present study area, and extend this comprehension to marine vertebrates worldwide;
c) Application: Demonstrate an understanding of anthropogenic factors affecting the animals, and apply knowledge of these factors to interpret effects of fishing, underwater noise, near-shore habitat changes and other forms of degradation;
d) Analysis: Examine and identify ecosystem parts to support generalizations of health or non-health of various components of the ecosystem, including species and species complexes;
e) Synthesis: Compile information on habitats and habitat problems as potentially related to local Greek views of oceanic nature, including an amazingly long-term history of interaction with nature;
f) Evaluation: Appraise, assess, evaluate, and be able to defend verbally and in writing, aspects of the Gulf of Corinth ecosystem as related to particular faunal components and to select other ecosystems worldwide.

**Course Objectives:** From the testable learning outcomes, Wells and Gonzalvo will ascertain that students have acquired enough knowledge and skills of the animals and their diverse environments to understand the animals, their ecosystems, and the relative fragility of nature. As
a secondary but important objective, knowledge of others’ views and past views of nature and place in nature will be obtained.

**Required Text**: The Encyclopedia of Marine Mammals, 2009, by Perrin, Würsig, and Thewissen, Elsevier/Academic Press. Select readings, for both lecture and lab, will be available as handouts and by web. The text will be supplied by FlashDrive in pre-Greece meetings.

**American Disability Act**
The Americans with Disabilities Act (ADA) is a federal non-discrimination statute that provides comprehensive civil rights protection for persons with disabilities. Among other things, this law 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 Counseling Office, Seibel Student Center, or call (409)740-4587. For additional information visit [http://www.tamug.edu/counsel/services/dss procedures.htm](http://www.tamug.edu/counsel/services/dss procedures.htm).

**Academic Integrity**
"Aggies do not lie, cheat, or steal, nor do they tolerate those who do". For further information, refer to: [http://www.tamug.edu/HonorSystem](http://www.tamug.edu/HonorSystem).

**Attendance**
The university views class attendance as an individual student responsibility. All students are expected to attend class and to complete all assignments.

**Absences**
Information concerning absences is contained in the University Student Rules Section 7. The University views class attendance as an individual student responsibility. All students are expected to attend class and to complete all assignments. Please consult the University Student Rules for reasons for excused absences, detailed procedures and deadlines as well as student grievance procedures (Part III, Section 45). [http://www.tamug.edu/stulife/Academic%20Rules/Rule%2007.pdf](http://www.tamug.edu/stulife/Academic%20Rules/Rule%2007.pdf)
Draft Syllabus and Itinerary of Classes and Labs

<table>
<thead>
<tr>
<th>Day</th>
<th>Date in 2017</th>
<th>Topic</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>July 23</td>
<td>Arrival to study center, tour Vonitsa</td>
</tr>
<tr>
<td>2</td>
<td>July 24</td>
<td>Ionian Dolphin Project, Vonitsa castle, Greek fisheries</td>
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<tr>
<td>3</td>
<td>July 25</td>
<td>Fish farm trip, Survey photo-ID &amp; data protocol</td>
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<tr>
<td>4</td>
<td>July 26</td>
<td>Dolphin surveys_Gulf of Ambracia</td>
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<td>5</td>
<td>July 27</td>
<td>Dolphin surveys_Gulf of Ambracia</td>
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<td>6</td>
<td>July 28</td>
<td>Dolphin surveys_Gulf of Ambracia</td>
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<td>7</td>
<td>July 29</td>
<td>Meteora trip</td>
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<tr>
<td>8</td>
<td>July 30</td>
<td>Dolphin surveys_Gulf of Ambracia_wooden boat</td>
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<tr>
<td>9</td>
<td>July 31</td>
<td>Dolphin surveys_Ionian Sea_wooden boat</td>
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<tr>
<td>10</td>
<td>August 1</td>
<td>Gulf of Ambracia boat trip</td>
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<tr>
<td>11</td>
<td>August 2</td>
<td>Exam and class project presentations</td>
</tr>
<tr>
<td>12</td>
<td>August 3</td>
<td>Departure from Vonitsa</td>
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Extra project for graduate students is due August 2, with a comprehensive field analysis of learning rubrics, to be tailored to individual grad student’s interests.
MEMORANDUM

TO: Mr. Michael K. Young  
President

THROUGH: Dr. Carol A. Fierke  
Provost and Executive Vice President

FROM: Dr. Michael Benedik  
Vice Provost

SUBJECT: September 11, 2017 Faculty Senate Items

September 29, 2017

All of the attached September 2017 Faculty Senate items have been reviewed and approved by college, university curriculum, Faculty Senate and Office of the Provost.

New Course Requests, Course Change Requests, Course Withdrawal Requests, Change in Curriculum Requests, and W Courses

Approval recommended. FS.35.020; FS.35.021; FS.35.023; FS.35.024; FS.35.025; FS.35.026; FS.35.032; FS.35.033; FS.35.034; FS.35.035; FS.35.036; FS.35.037; FS.35.038; FS.35.039; FS.35.040; FS.35.041; FS.35.042.

FS.35.022: Approval recommended. College of Agricultural and Life Sciences, Department of Horticultural Sciences, Master of Agriculture in Horticulture. Request for a CIP code change. Proposed implementation date: January 1, 2018. The PhD and MS in Horticulture change to 01.1103 was approved in October 2016. This request will align the MAGR with the PhD and MS in Horticulture. There will be no impact to students, faculty or staff.

EXTERNAL ACTION: A CIP Code Change Request form will be submitted to the THECB.

FS.35.027: Approval recommended. Mays Business School, Department of Marketing, inactivation of program: Advertising Strategy-Certificate. The department now offers transcriptable tracks that match the certificate. There are 17 students enrolled with a projected graduation date of May 2019.

EXTERNAL ACTION: Notification to SACSCOC.

FS.35.028: Approval recommended. Mays Business School, Department of Marketing, inactivation of program: Analytics and Consulting-Certificate. The department now offers transcriptable tracks that match the certificate. There are 25 students enrolled with a projected graduation date of May 2019.

EXTERNAL ACTION: Notification to SACSCOC.
FS.35.029: Approval recommended. Mays Business School, Department of Management, inactivation of program Entrepreneurial Leadership-Certificate. Inactivation due to lack of student interest. A more desired and popular option for students is the creation of the Entrepreneurial Leadership Management Track within the Management major. There are three students enrolled with a projected graduation date of December 2018.

EXTERNAL ACTION: Notification to SACSCOC.

FS.35.030: Approval recommended. Mays Business School, Department of Marketing, inactivation of program Retail Buying and Management-Certificate. The department now offers transcriptable tracks that match the certificate. There are 31 students enrolled with a projected graduation date of May 2019.

EXTERNAL ACTION: Notification to SACSCOC.

FS.35.031: Approval recommended. Department of Marketing, inactivation of program Professional Selling and Sales Management-Certificate. The department now offers transcriptable tracks that match the certificate. There are 15 students enrolled with a projected graduation date of December 2018.

EXTERNAL ACTION: Notification to SACSCOC.

FS.35.043: Approval recommended. College of Engineering, Department of Computer Science and Engineering, new degree program Bachelor of Arts in Computing. Program does not meet criteria to submit planning notification request for approval to the THECB.

INTERNAL ACTION: Submit Board of Regents agenda item by November 6, 2017 System deadline.

EXTERNAL ACTION: Distribute via email required 50-mile notification as soon as Senate item is approved; submit required Proposal, Funding Estimation Tool and Certification Form for the THECB with Board of Regents agenda item submission.

Attachments