Course Change Request

Date Submitted: 03/26/18 4:01 pm

Viewing: MARB 415: Coastal Marine Biology and Geology of Alaska

Also Known As: WFSC 415

Last edit: 04/04/18 5:20 pm

Changes proposed by: ballr

Contact(s)

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

Rationale for Course

Edit

The proposed changes are part of a routine curriculum review.

Course prefix   MARB

Course number   415

Department      Marine Biology

College/School  Galveston Campus

Academic Level  Undergraduate

Undergraduate course level justification (Select One)

Effective term  2019-2020 Galveston

Complete Course Title

Coastal Marine Biology and Geology of Alaska

Abbreviated Course Title

COASTAL MARINE BIO-GEOLO

Catalog course description

Field course conducted in south-central Alaska for two weeks; work at the remote Alice Cove Research Station located in Prince William Sound; conduct research on marine mammals behavior and ecology; exploration of the geology and glaciology.

Prerequisites and Restrictions

BIOL 112.

Should catalog prerequisites / concurrent enrollment be enforced? Yes
### 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>Crosslistings</td>
<td>Yes No</td>
<td>Crosslisted With</td>
<td>WFSC 415</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Stacked</td>
<td>Yes No</td>
<td>Stacked with</td>
<td>WFSC 631 - Course WFSC 631 not Found</td>
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</table>

<table>
<thead>
<tr>
<th>Semester</th>
<th>3</th>
<th>Credit</th>
<th>3</th>
<th>Hour(s)</th>
<th>Lecture: 3</th>
<th>Lab: 0</th>
<th>Other: 0</th>
<th>Total: 3</th>
</tr>
</thead>
<tbody>
<tr>
<td>Repeatable for credit?</td>
<td>No</td>
<td></td>
<td></td>
<td></td>
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<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CIP/Fund Code</td>
<td>2613020002</td>
<td></td>
<td></td>
<td></td>
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<td></td>
<td></td>
</tr>
<tr>
<td>Default Grade Mode</td>
<td>Letter Grade(G)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Method of instruction</td>
<td>Lecture</td>
<td></td>
<td></td>
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</tr>
<tr>
<td>Will sections of this course be taught as non-traditional? (i.e., parts of term, distance education)</td>
<td>No</td>
<td></td>
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</tbody>
</table>

- 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)

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  Syllabus for WFSC 415.pdf
MARB 415-Summer 2019.pdf

Letters of support or other documentation  No

Additional information

Reviewer Comments

John Schwarz (schwarzj) [09/06/16 10:45 am]: Rollback: The TAMUG Academic Advisory Committee met yesterday to review the request to cross-list WFSC 415 with MARB 415. After extensive discussion, the decision was made to not cross-list the two courses. Among the factors considered were: the new system will allow TAMU students to cross-register in TAMUG courses (in the past a call to the MARB office was made); the course is only taught in Alaska in the summer by a TAMUG-based Professor and MARB 415 can be listed in the catalog as an appropriate course for any required Internship. When a TAMUG student registers for other TAMU-taught courses, they register for the TAMU-Department's course, not one that is cross-listed. We have had a wonderful relationship with WFSC during the 40 years I have been on the faculty. I trust this will continue.

Sandra Williams (sandra-williams) [03/26/18 4:42 pm]: I assume concerns from September 2016 have been addressed.

Meredith Zalesak (zalesakm) [04/03/18 11:40 am]: Rollback: Per GV-UCC: Syllabus require updating of date and links.

Rachel Ball (ballr) [04/04/18 5:20 pm]: Syllabus has been updated as requested.

Sandra Williams (sandra-williams) [05/08/18 3:34 pm]: UCC approved May 2018.
**Summer 2016**
**WFSC 415**
**Coastal Marine Biology and Geology of Alaska**

Instructors: Dr. Randall Davis - 409-740-4712  
Dr. Tim Dellapenna - 409-740-4952  
281-250-7839 (cell)

Class Schedule: Summer 2016

Office Hours: By appointment  
Meeting times and location: 12 full days at Alice Cove, Alaska

Pre-requisites: BIOL 112. Junior or senior classification or approval of instructor

Textbook: None, but a suggested reading list will be provided

**Course description and objectives:** This 3 credit hour course will give students an opportunity to learn about the coastal marine biology and geology of south-central Alaska and to participate in a behavioral ecological study of sea otters for 12 days at a remote field station in north-eastern Prince William Sound. Students will learn field research techniques by collecting behavioral observations of sea otters, water samples for primary productivity, and benthic invertebrates. They will also learn about the local marine biology, geology and wildlife though hikes, tide-pooling and lectures.

**Learning Outcomes:**
- Identify and describe local marine mammals and their habitat.
- Identify and describe local terrestrial birds and mammals and their habitat.
- Identify and describe local marine invertebrates and their habitat.
- Identify and describe local trees and plants
- Students will be able to engage in careers in marine and wildlife biology.

**Course Syllabus**

This syllabus is what we plan to do, but changes may be necessary depending on weather and logistics.

**May**  
Introduction and briefing on campus

**June-Aug**  
Each summer session is 12 days in duration. Five sessions are planned

Day 1: Arrive Alice Cove

Day 2: Introduction to Simpson Bay study area; overview of methods; safety briefing

Day 3-10: Rotate through Project components (weather dependent)
  - Collect behavioral observations of sea otters in Simpson Bay
  - Collect water samples for primary productivity in Simpson/Sheep Bays
  - Collect benthic samples for invertebrate survey in Simpson/Sheep Bays
  - Visit tide pools to study algae and invertebrates
  - Hikes for terrestrial wildlife observations
  - Lectures on the biology of sea otters and local geology

Day 11: Travel to Cordova to visit the Sheridan Glacier and Copper River Delta

Day 12: Depart Cordova for Anchorage and return home

**August**  
Final report due

**Grading Policy**
Grading will be based on participation in the field course (50%) and the final report (50%). Participation will include learning field research protocols and assisting with data collection within the limits of each student’s physical ability. We will also collect marine specimens for taxonomic identification as well as survey the local geology and glaciology. Most students enthusiastically participate in all aspects of the course. The grade for the final report will be based on the depth and understanding on a topic of the student’s choice related to the field course as well as grammar and syntax in a 20 page report. If needed, late work or make-up is available. Grading will be: A 90-100%, B 80-89%, C 70-79%, D 60-69%, F 59% or less.

Additional requirement of graduate students: A 30 page report with full citations and five original sources.
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, currently located in the Disability Services building at the Student Services at White Creek complex on west campus or call 979-845-1637. For additional information visit http://disability.tamu.edu.

Academic Integrity

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

https://aggiehonor.tamu.edu/

Attendance:

Information concerning absences is contained in the University Student Rules Section 7 (http://student-rules.tamu.edu/rule07). 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).

Make-up Policy:

If an absence is excused, the instructor will either provide the student an opportunity to make up any quiz, exam or other work that contributes to the final grade or provide a satisfactory alternative by a date agreed upon by the student and instructor. If the instructor has a regularly scheduled make up exam, students are expected to attend unless they have a university approved excuse. The make-up work must be completed in a timeframe not to exceed 30 calendar days from the last day of the initial absence. The student is responsible for providing satisfactory evidence to the instructor or substantiate the reason for the absence. Among the reasons absences are considered excused by the university are the following (see Student Rule 7 for details see http://student-rules.tamu.edu/rule07. The fact that these are university-excused absences does not relieve the student of responsibility for prior notification and documentation. Failure to notify and/or document properly may result in an unexcused absence. Falsification of documentation is a violation of the Honor Code.

1) Participation in an activity that is required for a class and appears on the university authorized activity list at: https://studentactivities.tamu.edu/app/sponsauth/index.
2) Death or major illness in a student's immediate family.
3) Illness of a dependent family member.
4) Participation in legal proceedings or administrative procedures that require a student's presence.
5) Religious holy day. Note: Prior notification is not required.
6) Injury or illness that is too severe or contagious for the student to attend class.
   a) Injury or illness that is too severe or contagious for the student to attend class. Student will provide medical confirmation note from his or her medical provider within one week of the last date of the absence. (See Student Rules 7.1.6.1)
   b) Injury or illness of less than three class days:
      Student will provide one or both of these (at instructor's discretion), within one week of the last date of absence:
      ii) Confirmation of visit to a health care professional affirming date and time of visit.
   c) An absence for a non-acute medical service does not constitute as an excused absence.
7) Required participation in military duties.
8) Mandatory admission interviews for professional or graduate school that cannot be rescheduled.
9) Mandatory participation as a student-athlete in NCAA sanctioned competition.

10) In accordance with Title IX of the Education Amendments of 1972, Texas A&M University shall treat pregnancy (childbirth, false pregnancy, termination of pregnancy and recovery therefrom) and related conditions as a justification for an excused absence for so long a period of time as is deemed medically necessary by the student's physician. Requests for excused absence related to pregnancy should be directed to the instructor.

Other absences may be excused at the discretion of the instructor with prior notification and proper documentation. In cases where prior notification is not feasible (e.g., accident or emergency) the student must provide notification by the end of the second working day after the absence, including an explanation of why notice could not be sent prior to the class. Accommodations sought for absences due to the observance of a religious holiday can be sought either prior or after the absence, but not later than two working days after the absence.
Course title and number  MARB 415 - Coastal Marine Biology and Geology of Alaska
Term  10 week - Summer 2019
Meeting times and location  Prince William Sound, Alaska

Catalog Description
Field course conducted in south-central Alaska for two weeks; work at the remote Alice Cove Research Station located in Prince William Sound; conduct research on marine mammals behavior and ecology; exploration of the geology and glaciology.

Expanded Course Description and Prerequisites
This field course will be conducted in south-central Alaska for two weeks. Students will work at the remote Alice Cove Research Station, located in Prince William Sound. They will conduct research on marine mammal behavior and ecology, and time will be spent exploring the geology and glaciology. Prerequisites: BIOL 112

Learning Outcomes
This 3 credit hour course will give students an opportunity to learn about the coastal marine biology and geology of south-central Alaska and to participate in a behavioral ecological study of sea otters for two weeks at a remote field station in north-eastern Prince William Sound. In addition to attendance, each student will prepare a 20 page report on a topic of their choice but related to the goals of the course.

Instructor Information
Name  Dr. Randall Davis
Telephone number  409-740-4712 or 281-250-7839 (cell)
Email address  davisr@tamug.edu
Office hours  By appointment
Office location  None

Textbook and/or Resource Material
No textbook is required, but a suggested reading list will be provided.

Grading Policies
Grading will be based on participation in the field course (50%) and the final report (50%). Participation will include learning field research protocols and assisting with data collection within the limits of each student's physical ability. We will also collect marine specimens for taxonomic identification as well as survey the local geology and glaciology. Most students enthusiastically participate in all aspects of the course. The grade for the final report will be based on the depth and understanding on a topic of the student's choice related to the field course as well as grammar and syntax in a 20 page report. A = 90-100%; B = 80-89%; C = 70-79%; D = 60-69%; F = <60%

Attendance and Make-up Policies
Statement on Absences (Attendance):
Information concerning absences is contained in the University Student Rules Section 7 (http://www.tamug.edu/stulife/Academic_Rules/7_Absence.html). 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).
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If an absence is excused, the instructor will either provide the student an opportunity to make up any quiz, exam or other work that contributes to the final grade or provide a satisfactory alternative by a date agreed upon by the student and instructor. If the instructor has a regularly scheduled make up exam, students are expected to attend unless they have a university approved excuse. The make-up work must be completed in a timeframe not to exceed 30 calendar days from the last day of the initial absence.

The student is responsible for providing satisfactory evidence to the instructor to substantiate the reason for the absence. Reasons for absences that are considered excused by the university are found in Student Rule 7 (http://www.tamug.edu/stulife/Academic_Rules/7_Attendance.html). The fact that these are university-excused absences does not relieve the student of responsibility for prior notification and documentation. Failure to notify and/or document properly may result in an unexcused absence. Falsification of documentation is a violation of the Honor Code.

Course Topics, Calendar of Activities, Major Assignment Dates

This syllabus is what we plan to do, but changes may be necessary depending on weather and logistics.

Five 12-day summer sessions that span 10 weeks
Day 1: Arrive Alice Cove
Day 2: Introduction to Simpson Bay study area; overview of methods; safety briefing
Day 3-10: Rotate through Project components (weather dependent)
Collect behavioral observations of sea otters in Simpson Bay
Collect benthic samples for invertebrate survey in Simpson/Sheep Bays
Visit tide pools to study algae and invertebrates
Hikes for terrestrial wildlife observations
Lectures on the biology of sea otters and local geology
Day 11: Travel to Cordova to visit the Sheridan Glacier and Copper River Delta
Day 12: Depart Cordova for Anchorage and return home
August Final report due

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Academic Integrity

For additional information please visit: http://www.tamug.edu/HonorSystem

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