The proposed changes are part of a routine curriculum review.

Catalog course description
Study of estuarine, coastal and dune plant communities and associated environmental factors affecting plants including the identification, distribution, ecological importance and management techniques of vascular plants in these communities.

Prerequisites and Restrictions
Graduate standing; approval of instructor.

Concurrent Enrollment
No

Should catalog prerequisites / concurrent enrollment be enforced?
No

Crosslistings
No

Stacked
Yes

Crosslisted With
MARB 430 - Coastal Plant Ecology
Semester: 3  
Credit Hour(s): 3  
Contact Hour(s) (per week): Lecture: 3  
Lab: 0  
Other: 0  
Total: 3

Repeatable for credit? No  
Three-peat? No  
CIP/Fund Code: 2613020002  
Default Grade Mode: Letter Grade(G)  
Alternate Grade Modes: Satisfactory/Unsatisfactory  
Method of instruction: Lecture  
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.

The learning outcomes are designed and intended to be met by through the deliverance of lecture material, as in the traditional face-to-face version of the course. Since the lecture material in the distance and traditional sections is identical, the distance course will be equally effective in achieving the learning objectives.

Hours

Meets traditional face-to-face hours.

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

In this course, students can elect to attend lectures in person or view recorded lectures online. The lectures available to distance students online are recorded in the classroom for traditional students, and are thus exactly the same material (in content and length) that is available to distance students.

Will this course be taught as a distance education course? Yes No

I verify that I have reviewed the FAQ for Export Control Basics for Distance Education. Yes No

Is 100% of this course going to be taught in Texas? Yes

Will classroom space be needed for this course? Yes

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

Required (select program)

Elective (select program)

<table>
<thead>
<tr>
<th>Program(s)</th>
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<tbody>
<tr>
<td>(PHD-MARB) Doctor of Philosophy in Marine Biology</td>
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<tr>
<td>(MS-MARB) Master of Science in Marine Biology</td>
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</tbody>
</table>
# Course Syllabus

<table>
<thead>
<tr>
<th>Syllabus:</th>
<th>Upload syllabus</th>
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</thead>
<tbody>
<tr>
<td>Upload syllabus</td>
<td><a href="#">MARB 654 syllabus FallXX.pdf</a></td>
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</tbody>
</table>

| Letters of support or other documentation | No |
| Additional information                     |    |
| Reviewer Comments                           |    |
| Reported to state?                          | No |
MARB 654: COASTAL PLANT ECOLOGY
DISTANCE EDUCATION OPTION  3 CREDITS  FALL 20xx

INSTRUCTOR:  Dr. Anna Armitage
Office:  OCSB 259
Office Phone:  409-740-4842
Email:  armitaga@tamug.edu
Office hours:  By appointment

LECTURES
*Lectures will be posted online 2x/week.* Location: Any internet terminal.

OR
Students can elect to attend lectures in person: Room TBA  TR 1110am-1225pm

COURSE DESCRIPTION
Study of estuarine, coastal and dune plant communities and associated environmental factors affecting plants including the identification, distribution, ecological importance and management techniques of vascular plants in these communities.

LEARNING OUTCOMES
By the end of this course, students will be able to:
- Describe how ecological paradigms apply to coastal plant communities
- Apply knowledge coastal plant ecology tenets to the design of coastal management projects
- Write a critical analysis of current issues in coastal plant ecology and management
- Improve critical analysis and writing skills

PREREQUISITE
- Graduate status in Marine Biology or a related program

REQUIRED RESOURCES
- A university e-mail account and access to the internet
- TAMU eCampus: posted lecture and lab notes, grades, quizzes, exams, announcements, discussions
- There are no required textbooks
- *Optional:* TAMUG Writing lab: writinglab@tamug.edu  Williams Library 108

ATTENDANCE POLICY
Lectures can be attended in person, or recorded lectures will be available online within ~one day of class. Exams will be administered through eCampus. There will be ~3 online discussion sessions during the course; participation in these discussions is required. The discussions will be scheduled in accordance with the students’ availability. Information concerning absences can be found in the University Student Rules handbook ([http://student-rules.tamu.edu/](http://student-rules.tamu.edu/)).
MAKEUP POLICIES

- As a rule, exams will not be given at any time other than the scheduled exam time. Exceptions will be made only in extreme extenuating circumstances. Papers or exams in other classes are not valid excuses for rescheduling exams.
- A grade of 0 will be given for exams, quizzes, or discussions missed without an approved excuse.
- Late assignments will be marked down 10% per day unless you have made prior arrangements with the Dr. Armitage.
- The instructor is not obligated to accept or grade work that is turned in more than seven days late without a valid excuse.

If you’re not sure about any of these policies, please see Dr. Armitage before it’s too late to solve your problem.

ACADEMIC HONESTY

The Aggie Honor Code, based on the long-standing affirmation that “An Aggie does not lie, cheat, or steal, or tolerate those who do,” is fundamental to the value of the A&M experience. As such, it is the responsibility of students and faculty members to help maintain scholastic integrity at the University by refusing to participate in or tolerate scholastic dishonesty. The Aggies’ Honor Council Rules and Procedures (http://www.tamug.edu/HonorSystem) will be the standard upon which scholastic integrity is maintained in this course. Academic dishonesty infractions will result in failure of this course as a minimum sanction.

As commonly defined, plagiarism consists of passing off as one’s own the ideas, words, writings, etc., which belong to another. In accordance with this definition, you are committing plagiarism if you copy the work of another person and turn it in as your own, even if you have the permission of that person. If you have any questions regarding plagiarism, please consult the Honors Council Rules and Procedures at http://www.tamug.edu/HonorSystem.

ACCOMMODATIONS

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://disability.tamu.edu/.

STUDENT RIGHTS, RESPONSIBILITIES, AND REGULATIONS:

Students should be familiar with the University Regulations, which can be obtained from the Office of Student Services.

FAMILY EDUCATIONAL AND RIGHTS TO PRIVACY ACT (FERPA):

FERPA is a federal law designed to protect the privacy of educational records. All efforts will be made in this class to protect your confidentiality. Please consult the Admissions and Records Office for further information.

COPYRIGHT POLICY

All materials used in this class are copyrighted. These materials include but are not limited to syllabi, quizzes, exams, take-home assignments, in-class materials, and lab materials. Because these materials are copyrighted, you do not have the right to copy the handouts, unless permission is expressly granted.
**Grading**

- Reports from discussion sessions (~3) 300
- Online discussion participation 100
- Midterm 1 100
- Midterm 2 100
- Midterm 3 100
- Midterm 4 100

**TOTAL** 800

Grading scale:

- ≥ 90% (>720 points) = A
- 80-89% (640-719 points) = B
- 70-79% (560-639 points) = C
- 60-69% (480-559 points) = D
- ≤ 59% (≤ 479 points) = F

**Tentative Schedule of Lecture Topics (Subject to Change!!)**

I. Introduction
   - A. Terminology & plant anatomy
   - B. Photosynthesis
   - C. The coastal environment

**Midterm 1**
   - D. Habitat introductions

II. Biogeochemistry
   - A. Nutrient cycles
   - B. Climate change

**Midterm 2**
   - C. Nutrients in coastal environments

III. Ecology
   - A. Ecological interactions
   - B. Diversity
   - C. Food webs

**Midterm 3**

IV. Applied ecology
   - A. Ecosystem services
   - B. Invasive species
   - C. Other impacts
   - D. Policy & management
   - E. Restoration

**Midterm 4**

**Exam dates are approximate – there will be a window of several hours available on or near those dates to take exams. Exams can be taken remotely through eCampus, but an internet connection is required.**