New Courses
Texas A&M University
Departmental Request for a New Course
Undergraduate  Graduate  Professional
Submit original form and attach a course syllabus.

1. Course request type:  [ ] Undergraduate  [ ] Graduate  [ ] First Professional (MD, JD, PharmD, DVM)
2. Request submitted by (Department or Program Name) Marine Sciences
   MARS 656 Coastal Water Policy
3. Course prefix, number and complete title of course

4. Catalog course description (not to exceed 50 words):
   History, past and present legislation, the government entities and agencies molding the policies affecting coastal water policy in Texas.

5. Graduate classification or approval of instructor
   Cross-listed with:  
   Stacked with:  mars 456
   Cross-listed courses require the signature of both department heads.

6. Is this a variable credit course?  [ ] Yes  [ ] No
   If yes, from _______ to _______

7. Is this a repeatable course?  [ ] Yes  [ ] No
   If yes, this course may be taken _______ times.
   Will this course be repeated within the same semester?  [ ] Yes  [ ] No

8. Will this course be submitted to the Core Curriculum Council?  [ ] Yes  [ ] No
   [ ] Core

9. How will this course be graded?  [ ] Grade  [ ] S/U
   [ ] Pass/Fail

10. This course will be:
   a. [ ] required for students enrolled in the following degree program(s) (e.g., B.A. in History)
   b. [ ] an elective for students enrolled in the following degree program(s) (e.g., M.S. in Geography)
   masters of marine resources management

11. If other departments are teaching or are responsible for related subject matter, the course must be coordinated with these departments. Attach approval letters.

12. [ ] I verify that I have reviewed the FAQ for Export Control Basics for Distance Education (http://www.tamu.edu/resources/export-controls/export-control-basics-for-distance-education).

13. Prefix  Course #  Title (excluding punctuation)
    MARS  656  Coastal Water Policy

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<th>Admin. Unit</th>
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Approval recommended by:

Kyoung Park  
Department Head or Program Chair (Type Name & Sign)  Date  
Chair, College Review Committee

Department Head or Program Chair (Type Name & Sign)  Date  
Dean of College

Submitted to Coordinating Board by:

Cherlip, OC or CCC  
Date  Date

Questions regarding this form should be directed to Sandra Williams at 845-8201 or sandra.williams@tamau.edu
Curricular Services  8/14
Course Title and Number: MARS 656 – Coastal Water Policy
Course Term: SPRING 2017
Meeting Time & Location: TBD

Course Description & Prerequisites

History, past and present legislation, the government entities and agencies molding the policies affecting Coastal Water Policy in Texas.

Prerequisites: Graduate level

This is a “Stacked” course with MARS 456 – Graduate students will be required prepare a written book review of one of the books listed below under the heading, Textbook and/or Resource Material. This report will be due on the date and time listed in the Course Catalog for the final exam for this course.

Learning Outcomes

Upon completion of this course, students will be able to:

1. Recognize the Rule of Capture and its practical application to water policy today and relate fully how past water policy has shaped current water policy
2. Describe how the Texas legislature views water policy
3. Identify all entities in Texas that govern our water and its quality
4. List the different governmental agencies, both federal and state, that regulate policies
5. Explain how groundwater and surface water differ in policy
6. Describe the relationship between landowners, business owners, and aquifer authorities
7. Describe how wastewater and drinking water facilities operate and are sustained
8. Summarize current water policy and the how it will shape future policy
9. Explain and give examples of Texas aquifers, groundwater, and surface water levels
10. Demonstrate knowledge of the differing themes of coastal water policy and its importance
11. Compare and contrast the ideas of a multidisciplinary approach to water policy
12. Develop, present and defend an original idea based on the course content to a panel of peers and experts

Instructor Information

Name: Dr. Tom Linton
Telephone Number: 409-939-3800
Email Address: t-linton@tamu.edu
Office Hours: By Appointment
Office Location: 705 SAGC
CALENDAR

WEEKS:
1. Texas Water Law – The history of its development
2. Texas Water Agencies — By whom and how is surface water & ground water managed
3. Texas Border Water Disputes – Case Studies
5. International Water Law & Management – Case Studies
6. Water Reuse In The Southwest – Fact or Fiction
7. The Environmental Inflow Concept In Practice
8. The Prospect and Promise of Desalination
9. Innovative Water Management Techniques
10. Modeling As A Water Management Tool
11. Water As A Commodity
12. The “SWIFT” Fund – How Bright Is Our Future
13. Student Project Presentations
14. Presentations Continued

Textbook and/or Resource Material

Recommended text and materials on reserve in Williams Library & outside reading assignments that will be given in whole or in part for resource material through the semester or for final projects:

- Water Policy in Texas by Ronald C. Griffin
- Blue Covenant: The Global Water Crisis and the Coming Battle for the Right to Water by Maude Barlow
- Ocean and Coastal Law and Policy by Baur, Eichenberg, & Sutton
- Regulatory Frameworks for Dam Safety: A Comparative Study by Bradlow, Palmieri & Salman
- Water Ethics: Foundational Readings for Students and Professionals by Brown & Schmidt
- The Evolution of the Law and politics of Water by Dellapenna & Gupta
- The Spanish Element in Texas Water Law by Betty Eakie Dobkins
- Water Law in a Nutshell by David H. Getches
- Unquenchable: America’s Water Crisis and What to do About It by Robert Giannon
- Water Ethics by Llamas, Matinez-Cortina & Mukherji
- Last Oasis: Facing Water Security by Sandra Postel
- Essentials of Texas Water Resources by Mary K. Sahs
- The World Bank Policy for Projects on International Waterways by Salman M. A. Salman
- Regulatory Frameworks for Water Resources Management: A Comparative Study by Salman & Bradlow
- Drinking Water: A History by James Salzman
- Region H Water Planning Group: Feb 4, 2015 Meeting Materials by San Jacinto Water Authority
- Let There Be Water: Israel’s Solution for a Water-Starved World by Seth M. Siegel
- Water Wisdom: Preparing the Groundwork for Cooperative and Sustainable Water Management in the Middle East by Tal & Rabbo
• *Water: The Fate of our Most Precious Resource* by Marq de Villiers
• *A Journey in the History of Water* DVD
• *The Future of Water* DVD

The work required for graduate students will consist of the preparation of a 10 slide PowerPoint and oral presentation of an original idea based upon the multidisciplinary approach to this class and how water policy affects all facets of maritime careers. This may be presented during a scheduled appointment from the last formal session through finals week with at least one week's prior notice.

All students will have a final group project due based on topics (and members) chosen at random from a preselected assortment of themes dealing with coastal water policy, which will be presented before the class & an invited review panel. Below are the expectations and requirements for the entirety of the course.

- There will be 14 formal sessions consisting of lectures, guest speakers, and 2 field trips
- For 10 of those sessions, a 500-word paper, question set of 10, or both will be required
- Guest Speakers will be scheduled ahead of time and links to their agency or entity, and any other pertinent information for them, will be given as resources to write the assignment
- You will write these based on the topic at hand or guest speaker, depending on the week
- Each submission will be valued so as to contribute a total of 20% of the overall grade
- Each submission will be graded based on quality of work and in-class participation
- 2 points for the assignment, 2 points for participation, and 1 point for attendance
- The assignment will be posted on eCampus one week before submission
- The ability to access these questions will end at 11:59pm on the day before the formal class
- Submission is due in the eCampus dropbox by 11:59pm the night before the next scheduled class and the ability to post will be terminated at that time- late submissions will not be accepted
- Without a university approved excuse, the student will receive a zero for that assignment- it may behoove you to read the absences policy below, as every two missed classes will result in the drop of a letter grade per the outlined grading rubric
- With an approved excuse, you will have until the next scheduled class following the excuse to submit the assignment along with a one-page summary over the recorded lecture
- Without an excuse, based on individual cases when contacted prior to the scheduled class, you may make up the lecture for partial credit in the same manner
- All lectures, whether guest speakers or professorial lectures, will be recorded and posted to eCampus the following day and may be accessed at any time throughout the semester

Total percentage value of outlined curriculum:

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<th>Questions = 20%</th>
<th>GRADING SCALE</th>
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<tr>
<td>Class Participation = 9%</td>
<td>A = 100 - 90</td>
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<tr>
<td>Attendance = 11%</td>
<td>B = 89 - 80</td>
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<tr>
<td>Practice/Run through Presentation = 10%</td>
<td>C = 79 - 70</td>
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<tr>
<td>Presentation = 25% - Last day of classes</td>
<td>D = 69 -60</td>
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<tr>
<td>Final Paper = 25% - Due on or before posted Final exam time &amp; date</td>
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(Extra points may be possible for additional work --- decided on a case by case basis and opportunities will be announced throughout the semester or given during formal class sessions)

Statement on Absences, Attendance and Make-up Policies
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/studentrules/Academic_Rules/7_Attendance.html](http://www.tamug.edu/studentrules/Academic_Rules/7_Attendance.html). Attendance and participation are critical for this class and recording attendance will be taken by way of a sign-in log at the beginning of every class. The field trips will be mandatory and any unexcused absence will result in a zero for the week. You should read all assigned readings and be prepared to participate in class discussions at all times.

Course Topics, Calendar of Activities, Major Assignment Dates

There will be guest speakers and field trips announced frequently during the semester for you via email, eCampus, and in class. Please be sure to have an updated email address on file with me, as well as checking it and you eCampus portal often for weekly assignments and field trip announcements. The last two weeks of the semester will be dedicated to presentations and trial runs. Both portions of the class weigh heavily on your grade and are necessary to pass this course. The first week will be getting to meet everyone, organizing into formed groups, and assigning presentation topics, as well as a rough outline of the schedule of speakers and trips. **Should you not receive this for any reason by the first week, please see me immediately.** Generally, the first Monday of the semester, and therefore the first week of class, is not a class day due to MLK Day, and as such, we will need to begin immediately.

Americans with Disabilities Act (ADA)

The Americans with Disabilities Act (ADA) is a federal non anti-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/Disabilities.html](http://www.tamug.edu/counsel/Disabilities.html).

Academic Integrity

**Aggie Honor Code**: “**An Aggie does not lie, cheat, or steal or tolerate those who do.**” Upon accepting admission to Texas A&M University at Galveston, 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 TAMUG community from the requirements or the processes of the TAMUG Honor System.

Plagiarism of any kind will not be tolerated. Plagiarism is most commonly defined as copying a portion(s) of other students’ paper(s) or some published work without proper citations. (Texas A&M University, University Writing Center, http://writingcenter.tamu.edu). When discovered, serious academic penalties will be imposed, including an automatic failure of the class in its entirety. For further information on academic integrity and the Aggie Honor Code, visit: [http://www.tamug.edu/HonorSystem](http://www.tamug.edu/HonorSystem)

Statement on the Family Educational Rights and Privacy Act (FERPA):

FERPA is a federal law designed to protect the privacy of educational records by limiting access to these records, to establish the right of students to inspect and review their educational records and to provide guidelines for the correction of inaccurate and misleading data through informal and formal hearings. Currently enrolled students wishing to withhold any or all directory information items may do so by going to https://howdy.tamu.edu and clicking on the "Directory Hold Information" link in the Student Records channel on the MyRecord tab. The complete FERPA notice to students and the student records Policy is available at the Office of the Registrar webpage: [http://registrar.tamu.edu/Catalogs-Policies-Procedures/FERPA/FERPA-Notice-to-Students#0StatementofRights](http://registrar.tamu.edu/Catalogs-Policies-Procedures/FERPA/FERPA-Notice-to-Students#0StatementofRights)
Items that can never be identified as public information are a student's social security number, citizenship, gender, grades, GPR or class schedule. All efforts will be made in this class to protect your privacy and to ensure confidential treatment of information associated with or generated by your participation in the class.

Optional Text in addition to the FERPA Statement above:
Directory items include name, UIN, local address, permanent address, email address, local telephone number, permanent telephone number, dates of attendance, program of study (college, major, campus), classification, previous institutions attended, degrees honors and awards received, participation in officially recognized activities and sports, medical residence location and medical residence specialization.

Statement on Course Evaluations
The PICA (Personalized Instructor/Course Appraisal) is an online course evaluation for Texas A&M. We highly encourage you to complete an evaluation for each course on your schedule. Student input is a critical component used to improve curriculum and teaching. Each faculty member values your input to improve his/her methodology. Your comments can also significantly impact the mix and membership of faculty. The PICA website is available at http://pica.tamu.edu, your howdy portal, or by scanning the QR code below.