Agenda - May 11, 2015 - CSM Senate Meeting

Date: Monday, May 11th, 2015
Time: 2:30pm - 4:00pm
Location: CSM Dean's Office Conference Room

Agenda:

1. Approval of the April 13, 2015 meeting minutes.
2. Announcements
3. New business
   3a. Addition of BIOL 354 - The Ecology and Evolution of Infectious Diseases
       **Motion:** To pre-approve the addition of BIOL 354 - The Ecology and Evolution of Infectious Diseases.
       **Rationale:** This course was first given in fall 2014 as a Special Topics course and was popular among students (mainly seniors). There is adequate student interest to offer this course every fall. It is a field of enormous interest today and brings together various interdisciplinary fields of biology. Graduate students may also benefit from the new course.

       **Motion:** To pre-approve the revision of CS 110 - Introduction to Computing. Changes in course description and requisites.
       **Rationale:** Reason for change in description: Since Python is becoming the language of choice in a wide range of computational settings, many Computer Science departments have adopted Python as the language of instruction in their introductory Computer Science courses. We want to do the same starting Fall 2015 and teach CS110 in Python instead of Java, following Harvey Mudd College's CS for All (see http://www.cs.hmc.edu/csforall/) curriculum. Reason for change in pre-requisites: To be successful in CS110 and the follow-up course (CS210), students must be familiar with precalculus-level mathematics. To ensure this, we want students who are placed into Math 130 to take the course as a co-requisite.

       **Motion:** To pre-approve the revision of CS 210 - Intermediate Computing with Data Structures. Changes in description and requisites.
       **Rationale:** To make it consistent with the proposed changes to CS110.

       **Motion:** To pre-approve the addition of CS 461 - Computer Games Programming.
       **Rationale:** The computer game industry provides a lot of job opportunities for computer science students. On the other hand, there are a significant number of students interested in games development. So far, there is no computer games programming course offered in the Computer Science Department. This course is designed to equip our students with the necessary technical skills to become game development professionals.
3e. **Revision of EEOS 120 - Introduction to Environmental, Earth and Ocean Sciences. Changes in title and course description.**

**Motion:** To pre-approve the revision of EEOS 120 - Introduction to Environmental, Earth and Ocean Sciences. Changes in title and course description.

**Rationale:** The degree name change from Environmental, Earth and Ocean Sciences in 2013 requires the change in course title and description.

3f. **Revision of EEOS 121 - Introduction to Environmental, Earth and Ocean Sciences Lab. Changes in title, description, and pre-requisites.**

**Motion:** To pre-approve the revision of EEOS 121 - Introduction to Environmental, Earth and Ocean Sciences Lab. Changes in title, description, and pre-requisites.

**Rationale:** The degree name change from Environmental, Earth and Ocean Sciences in 2013 requires the change in course title and description.

3g. **Revision of EEOS 187 - EEOS Gateway Seminar I. Changes in title and description.**

**Motion:** To pre-approve the revision of EEOS 187 - EEOS Gateway Seminar I. Changes in title and description.

**Rationale:** The degree name change from Environmental, Earth and Ocean Sciences in 2013 requires the change in course title.

3h. **Revision of EEOS 188 - EEOS Gateway Seminar II. Changes in title and description.**

**Motion:** To pre-approve the revision of EEOS 188 - EEOS Gateway Seminar II. Changes in title and description.

**Rationale:** The degree name change from Environmental, Earth and Ocean Sciences in 2013 requires the change in course title.

3i. **Revision of EEOS 261 - Statistics for Environmental, Earth and Ocean Sciences. Changes in title, description, and pre-requisites.**

**Motion:** To pre-approve the revision of EEOS 261 - Statistics for Environmental, Earth and Ocean Sciences. Changes in title, description, and pre-requisites.

**Rationale:** The degree name change from Environmental, Earth and Ocean Sciences in 2013 requires the change in course title and description. As this is a course with applications in Environmental Sciences, students must have completed the introductory level courses in the Environmental Science program for enrollment.

3j. **Revision of EEOS 476 - EEOS Capstone - An Integration of Natural and Social Environmental Sciences. Changes in title and description.**

**Motion:** To pre-approve the revision of EEOS 476 - EEOS Capstone - An Integration of Natural and Social Environmental Sciences. Changes in title and description.

**Rationale:** The degree name change from Environmental, Earth and Ocean Sciences in 2013 requires the change in course title.

3k. **Revision of EEOS 498 - Honors in Environmental, Earth and Ocean Sciences. Changes in title and course description.**

**Motion:** To pre-approve the revision of EEOS 498 - Honors in Environmental, Earth and Ocean
Sciences. Changes in title and course description.

**Rationale:** The degree name change from Environmental, Earth and Ocean Sciences in 2013 requires the change in course title and description.

**3.**  **Addition of EEOS 104 - Dinosaurs: A Natural History.**

**Motion:** To pre-approve the addition of EEOS 104 - Dinosaurs: A Natural History.

**Rationale:** The School offers a number of distribution courses but none explicitly address issues of evolution and climate change. Through the lens of the dinosaurs and their evolution and extinction this course will provide students an introductory perspective on the Earth while also engaging them in a subject everyone loves ... dinosaurs!

**3m.**  **Addition of EEOS 393 - Ecophysiology and Conservation of Fishes.**

**Motion:** To pre-approve the addition of EEOS 393 - Ecophysiology and Conservation of Fishes.

**Rationale:** The Marine Science track in the BS/BA in Environmental Science requires breadth and depth in marine animal ecology. Currently the School lacks courses in critical areas of fisheries including conservation and fish ecology. This course meets a need for students to gain practical knowledge in an area of study central to on-going research in the School for the Environment. The course also strategically leverages our collaboration with New England Aquarium further strengthening our teaching and research programs.

**3n.**  **Addition of EEOS 693 - Ecophysiology and Conservation of Fishes.**

**Motion:** To approve the addition of EEOS 693 - Ecophysiology and Conservation of Fishes.

**Rationale:** The Marine Science and Technology MS and PhD program requires breadth and depth in marine animal ecology. Currently the School lacks courses in critical areas of fisheries including conservation and fish ecology. This course meets a need for students to gain practical knowledge in an area of study central to on-going research in the School for the Environment. The course also strategically leverages our collaboration with New England Aquarium further strengthening our teaching and research programs.

**3o.**  **Addition of USEA 100 - Boating Basics.**

**Motion:** To pre-approve the addition of USEA 100 - Boating Basics.

**Rationale:** The Course code USEA was approved for use to allow for listing of courses through CAPS that meet the mission and goals of the School for the Environment's educational programs which includes an explicit focus on providing all students, staff and faculty with access to and appreciation for our coastal marine environment.

**3p.**  **Addition of USEA 104 - Open Water SCUBA Diver Certification.**

**Motion:** To pre-approve the addition of USEA 104 - Open Water SCUBA Diver Certification.

**Rationale:** The Course code USEA was approved for use to allow for listing of courses through CAPS that meet the mission and goals of the School for the Environment's educational programs which includes an explicit focus on providing all students, staff and faculty with access to and appreciation for our coastal marine environment.

**3q.**  **Addition of USEA 105 - Advanced Open Water & Rescue Diver Certification.**

**Motion:** To pre-approve the addition of USEA 105 - Advanced Open Water & Rescue Diver Certification.
Rationale: The Course code USEA was approved for use to allow for listing of courses through CAPS that meet the mission and goals of the School for the Environment's educational programs which includes an explicit focus on providing all students, staff and faculty with access to and appreciation for our coastal marine environment.

4. Other business.
5. Adjourn.