

NSCI 6900
MASTER'S RESEARCH FOR COURSE CREDIT

Number of Credits: 1
INSTRUCTOR: K.D. Hyrenbach
MEETING TIME: TBA

STUDENT NAME: Shannon Lyday

TELEPHONE AND E-MAIL FOR STUDENT: (415) 561-6625 x302 slyday@farallones.org

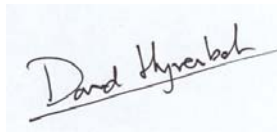
TELEPHONE AND E-MAIL FOR INSTRUCTOR: (808) 228-4464 khyrenbach@hpu.edu

COURSE DESCRIPTION:
(include problem being addressed, general nature of work done, location of work, other pertinent information)

The proposed project will be an evaluation of spring-time marine bird distributions within three central California National Marine Sanctuaries: Gulf of the Farallones, Cordell Bank and Monterey Bay. During the fall 2010 semester Shannon Lyday will work with her committee members to integrate the necessary datasets into a Geographic Information System (GIS) framework, and to review the relevant literature with the aim of developing potential research ideas for her thesis. Shannon will assemble a literature review during fall 2010 and will begin to analyze the data for the proposed project working with Dr. Hyrenbach and Dr. Carstenn (as part of a GIS course).

The goals of this course for fall 2010 are to: (i) evaluate the relevant literature concerning seabird community structure and habitat associations in the California Current System (CCS); (ii) explore / summarize the archived data using GIS; and (ii) acquire some of the analytical tools needed to complete the analyses of seabird community structure and distribution.

Shannon will meet with Dr. Hyrenbach (~1 hr/week) to review and discuss progress on these goals.



(Print) K. David Hyrenbach (Sign) _____ (Date) August 18, 2010
THESIS COMMITTEE co-CHAIR

(Print) _____ (Sign) _____ (Date) _____
ASSOCIATE DEAN OF MARINE SCIENCE PROGRAMS