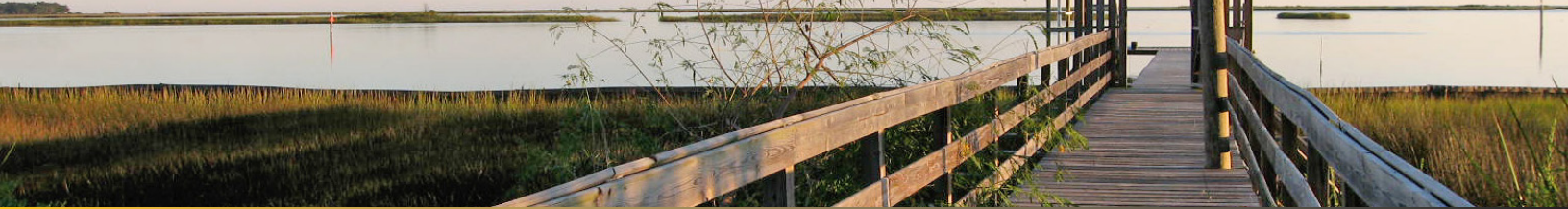


GULF COAST RESEARCH LABORATORY

Spring Mini-Session

(Jan. 3-13, 2012)

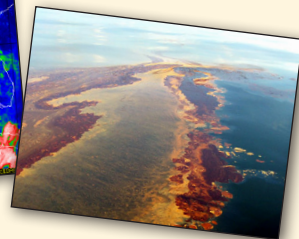
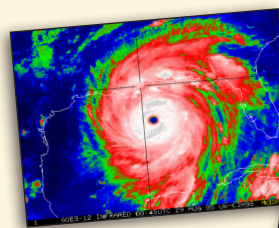


COASTAL ORNITHOLOGY

This course explores the highly diverse avian habitats found along the Mississippi Gulf Coast with a focus on the study of avian ecology in the field. Class activities will include a significant emphasis on the use of both sight and sound as means of field identification. During this course students will explore barrier island nesting grounds, boating the pristine Pascagoula River area, and explore local marshes and other unique coastal habitats. Students will also be introduced to a variety of ornithology field techniques including bird-banding, call-broadcast surveys, and monitoring methodologies. Prerequisites: Two semester's biology or permission of instructor (Ecology recommended but not required). Dr. Mark Woodrey. Coastal Ornithology, COA 411/511. Three semester hours credit. Course field fee is \$100.00.

GULF OF MEXICO: IMPACTS, STATUS, FUTURE

The course will examine the impacts on coastal environments using the Northern Gulf of Mexico as the setting and Hurricane Katrina and the Deep Water Horizon oil spill as the case examples. The course will utilize multiple media including lectures, field trips, relevant videos and class discussions. The science behind the major coastal impacts will be addressed at a layman's level. Dr. William Hawkins. Special Topics: Gulf of Mexico: Impacts, Status, Future, COA 490/590. Three semester hours credit. Course field fee is \$100.00.



COASTAL MARINE GEOLOGY

This introductory class discusses basic geological principles required for the understanding of the origins, development and significance of various coastal and nearshore environments, processes and landforms. Coastal field trips are planned to illustrate these highly dynamic and ever-changing coastal environments. Prerequisites: Two semester's science or permission of instructor. Dr. Ervin Otvos. Coastal Marine Geology, COA 409/509. Three semester hours credit. Course field fee is \$100.00.

ADMISSIONS DEADLINE

Applications for the spring mini-session classes are now being accepted. To apply submit all paperwork and a non-refundable \$35.00 application fee (not applicable to current USM students) by Dec. 2, 2011, to:

OFFICE OF STUDENT SERVICES

Department of Coastal Sciences
Gulf Coast Research Laboratory
Attn: Margaret Firth
703 East Beach Drive • Ocean Springs, MS 39564
228.818.8890

GOT QUESTIONS?

SAM CLARDY
Coordinator of Undergraduate Programs
228.818.8890 • Email: Samuel.clardy@usm.edu

FEES

Tuition per semester hour:

Undergraduate: \$244.00
Graduate: \$325.00

Room and Board: \$480.00 per term

Tech fee:

Undergraduate: \$5.50 per credit hour
Graduate: \$7.35 per credit hour

Field Fees:

\$100.00

FOR ADMISSIONS

Margaret Firth, Administrative Assistant
228.818.8890
Email: Margaret.firth@usm.edu



THE UNIVERSITY OF
**SOUTHERN
MISSISSIPPI**

**GULF COAST RESEARCH
LABORATORY**

703 East Beach Drive
Ocean Springs, MS 39564

www.usm.edu/gcrl