Biology & Biodiversity of Fishes of Northwest Florida & the Gulf of Mexico
May 15 - 26, 2017

Florida State University Coastal & Marine Laboratory
3618 Coastal Highway 98
St. Teresa, FL 32358
www.marinelab.fsu.edu
Course Information

ZOO 4454C & ZOO 5935C
Biology of Fishes
(4 credit hours)

Instructor: Dr. Dean Grubbs

Prerequisites: BSC2010, BSC2011 lecture & labs or their equivalent

Dates: May 15 - 26, 2017

Program Fee: $2,250 plus university fees
$500 Deposit Due: April 7, 2017

This course is designed to provide an overview of the evolution, systematics, morphology, ecology, physiology, and life history of the most diverse group of vertebrates on earth, the fishes. Subjects will be presented through highly-illustrated lectures, diverse field experiences and a series of laboratory exercises. We will begin by investigating the evolution of fishes and the relationships, biodiversity and zoogeography of the living fishes. We will then examine aspects of form, function, physiology, and behavior emphasizing adaptations to life in aquatic and marine habitats at different life stages. We will end by discussing fisheries, conservation and management of fish populations.

This course has a very strong field component, introducing students to the variety of estuarine, marine, and freshwater habitats in the vicinity of the FSU Coastal & Marine Laboratory. Students will gain hands-on experience with a variety of scientific collection methods used to capture specimens ranging from small stream fishes to large sharks.

Fees

The program fee is $2,250 plus university fees. A $500 non-refundable confirmation deposit is due by April 7, 2017. The remaining $1,750, plus university fees, are due on May 9, 2017.

Registration

To be approved for registration contact Dr. Dean Grubbs (dgrubbs@bio.fsu.edu). Once approved, you will be directed to the FSU Center for Academic & Professional Development for deposit payment and registration.
This immersion course is taught at the Florida State University Coastal & Marine Laboratory, which is 50 miles from the main campus and is located on the coast in St. Teresa, Florida.

TRANSPORTATION -- Provided on the first and last days of class, leaving the FSU campus on Sunday, May 14th at 5:00 PM. Be there 15 minutes early. No personal vehicles. The van will depart from the King Life Sciences Building, 319 Stadium Drive.

DORMITORY LIVING -- Required to get the whole immersion experience. Fresh water is at a premium, so showers should be short and sweet. TA's will be staying as well. Dorm quiet hours are from 10 PM to 7 AM.

DINING -- All the cooking and meals will take place in the housing, where you will have access to a kitchen. Every student or faculty member has to fend for him/her/them self. Bring your own food and whatever you want to drink (no alcohol). Please mark everything with your name since you will be sharing refrigerator and cooler space. There is a restaurant 7 miles down the road, which is possible for some suppers (at your own expense) or there is Sopchoppy Pizza in the city and thriving metropolis of Sopchoppy (shuttle could take you).

CLOTHING AND FIELD GEAR -- Field clothes, rain jacket, bathing suit, shoes that can get wet and dirty (flip flops are NOT acceptable; only close-toed shoes are worn in the field and on boats), hat, sun block, insect repellent, and chest waders (if possible - you will be wading in waste-deep swamps and streams). Bring towels with you that you can take in the field since the FSUCML does not provide additional towels.

LINENS -- Twin sheets, pillow case, blanket, towel, and washcloth are provided.

COMMUNICATIONS -- Most cell phones work on our campus. Participants should plan to bring their own cell phone; in an emergency, FSUCML staff will provide assistance. Access to the internet at CML is provided by FSU’s guest wireless network in most buildings and outside common areas.