

FISHERIES AND AQUATIC SCIENCES

Course Search

Not all courses are offered every semester. Refer to the schedule of courses for each term's specific offerings.

[More Info](#)

Courses at the University of Florida, with the exception of specific foreign language courses and courses in the online Master of Arts in Mass Communication program, are taught in English.

Courses

FAS 2024 Global and Regional Perspectives in Fisheries 3 Credits

Fish biology, ecology and habitats relevant to fisheries on both a global and regional (Florida) scale. Follows the fisheries occurring from cold mountain rivers to the depths of the oceans, with special topics (e.g., artificial reefs, fisheries bycatch and aquaculture). Intended for non-science and science majors. (B)

General Education - Biological Science

FAS 4202C Biology of Fishes 4 Credits

The general biology of fishes, with emphasis on trends in their evolution, integrative and sensory biology, physiology, feeding ecology, reproduction, growth and population dynamics as they relate to fisheries.

Prereq: BSC 2011 and BSC 2011L

FAS 4270 Marine Ecological Processes 3 Credits

The ecology of marine organisms and habitats with focus on how general ecological principles, and those unique to the marine environment, drive patterns and processes.

Prereq: BSC 2010 and BSC 2011 or equivalent

FAS 4305C Introduction to Fishery Science 3 Credits

Principles of fish management in freshwater and marine systems. Includes field and laboratory techniques for aquatic habitat and fishery resource assessment, aquaculture practices and consideration of contemporary issues pertinent to sport and commercial uses of renewable fisheries resources.

Prereq: refer to the department

FAS 4405 Aquariums, Water and Aquaculture 3 Credits

Culture methods of fish and shellfish, species selection, biological and environmental principles, case histories and future trends.

Prereq: BSC 2010 and BSC 2010L, or instructor permission

FAS 4900 Supervised Extension Experience in Fisheries and Aquatic Sciences 3 Credits

Firsthand, authentic Extension experiences in fisheries and aquatic sciences under the supervision of a faculty member. Projects may involve program planning, development, implementation, and evaluation. (S-U)

FAS 4905 Individual Study 1-4 Credits

Individual study of a selected topic in fisheries and aquatic sciences as contracted with the instructor at the start of the term.

Prereq: instructor permission

FAS 4911 Supervised Research in Fisheries and Aquatic Sciences 3 Credits

Firsthand, authentic research in fisheries and aquatic sciences under the supervision of a faculty member. Projects may involve inquiry, design, investigation, scholarship, discovery or application. (S-U)

FAS 4915 Honors Thesis Research in Fisheries and Aquatic Sciences 3 Credits

Independent research in fisheries and aquatic sciences leading to an honors thesis. Student will be mentored by a faculty member. Projects may involve inquiry, design, investigation, scholarship, discovery or application. (S-U)

Prereq: junior standing, upper division GPA of 3.75 or higher and completed honors thesis proposal on file

FAS 4932 Topics in Fisheries and Aquatic Sciences 1-4 Credits

Selected topics in fisheries biology, aquaculture and associated aquatic sciences not offered in other courses.

Prereq: instructor permission

FAS 4933 Seminar in Fisheries and Aquatic Sciences 1 Credit

Introduces undergraduate students to contemporary topics in the field of fisheries and aquatic sciences, and develops their listening and writing skills.

PEN 1136 Openwater Scuba Diving 2 Credits

Beginning scuba diving including compass navigation, openwater diving environment, dive preparation and five openwater dives. Payment of required additional course fees and successful completion results in national certification as Openwater Scuba Diver.

Prereq: swim test

PEN 2138 Advanced Scuba Diving 2 Credits

Underwater navigation for night, low visibility, current, river and deep diving. Includes site evaluation, dive planning, equipment, medical aspects and search and recovery. Payment of required additional course fees and successful completion results in certification as advanced scuba diver. Six open water field trip dives are required.

Prereq: PEN 1136 or equivalent

PLS 4613 Aquatic Weed Control 3 Credits

Florida's aquatic weed problems and methods of chemical, biological, mechanical and physical weed control. Topics include plant biology/ecology, herbicide residue, lake reclamation, fish-plant interactions and laws regulating aquatic weed control.

Prereq: refer to the department
