

COURSES FOR MARINE SCIENCES

Marine Science Courses

MS304 Marine Geology

Hours 4

Credit earned in this course may not be applied to the requirements of the biological sciences major or minor. Field sampling techniques, laboratory analysis of sediments, topography, sediments, and history of the world oceans.

MS306 Marine Biology

Hours 4

Survey of the invertebrates, vertebrates, and marine plants as communities, with emphasis on local examples.

MS408 Marine Invertebrate Zoology

Hours 4

Comparative study of the major marine invertebrate phyla, protozoa through protochordates. The focus is on their morphology, physiology, ecology, and phylogenetic relationships.

MS419 Marine Ecology

Hours 4

Bioenergetics, community structure, population dynamics, predation, competition, and specialization in marine ecosystems.

MS433 Coastal Zone Management

Hours 2

Review of ecological features, physical management policies for coastal communities, and a description of relevant federal and state programs.

MS448 Intro Oceanography

Hours 4

A general introduction to the oceans, with emphasis on chemical, physical, and geological processes and their relation to biological systems.

MS452 Marine Vertebrate Zoology

Hours 4

Systematics, zoogeography, and ecology of marine vertebrates.

MS453 Marine Botany

Hours 4

Reproduction, taxonomy, systematics, distribution, and ecology of the major marine plant groups.

MS497 Special Topics

Hours 1-4

A marine science topic not covered in other courses. The credit hours and format are determined as appropriate to the topic. Offered according to demand and instructor availability.

MS548 Intro To Oceanography

Hours 4

A general introduction to the oceans, with emphasis on chemical, physical, and geological processes and the relationship of these processes to biological systems.