

Additional Summer Outreach Programs

Sea Campus Kids is a day camp for ages 4-11, with exciting workshop topics like 'Sharks, Stingrays, and Crabs' and 'Marine Mammals'...Sea Campus Kids is very popular with our young marine biologists in training! Visit the Sea Camp website for more info: tamug.edu/seacamp



Camp Registration

Registration is available online at: www.tamug.edu/seacamp or you can call the Sea Camp office at (409) 740-4525. A deposit of \$150 is required to reserve a camp session (\$700 for Sea Camp Costa Rica). Camp changes or cancellations must be submitted to the Sea Camp office in writing at least 3 weeks prior to the scheduled camp session or the deposit is non-refundable. After you register, you will receive a detailed camper packet. Camper packets begin mailing out in March. Camper packets include a form for travel and medical information, packing list, waivers, and more.



Housing, Supervision, & Instruction

Sea Campers will reside in dormitories at the Texas A&M University at Galveston (TAMUG) Mitchell campus on Pelican Island. Campers are typically roomed two to a room and four to a suite. Roommate requests are upon registration or can be made by calling the office. A resident manager, dorm mom, recreation director, camp assistant and counselors (counselors are K-12 educators) are present 24 hours a day. Sea Camp instructors are experienced current and former undergraduate or graduate students at Texas A&M University at Galveston Campus. Please visit our website for more information: tamug.edu/seacamp



History of Sea Camp

Summer 2020 marks the 35th season of our Sea Camp program at Texas A&M University at Galveston!

In the spring of 1986, Dr. Sammy Ray announced his plan to offer a marine-oriented summer camp for children. This amazing journey we know as 'Sea Camp' still continues today & has touched the lives of over 24,000 campers.

The Sea Camp Staff is very grateful that our marine environment has provided such a wonderful outdoor classroom. An abundance and variety of marine life close at hand has helped explain the connectivity of all life and the importance of protecting our oceans. We are also very grateful to each and every Sea Camper and parent that joins our adventure each year...without you, Sea Camp simply would cease to exist.



tamug.edu/seacamp

Educational Outreach
Texas A&M University at Galveston
P.O. Box 1675
Galveston, Texas 77553



GALVESTON CAMPUS.



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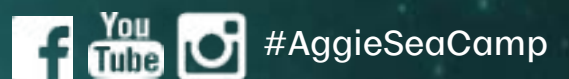
SEA CAMP 2020

MARINE ADVENTURE CAMPS FOR YOUTH!



TEXAS A&M UNIVERSITY
GALVESTON CAMPUS.

We'll SEA you at camp!

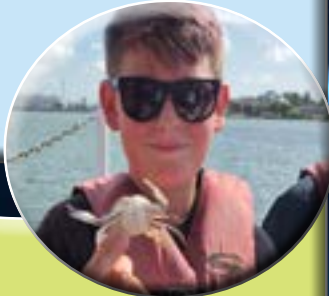


Sea Camp Week-long Residential Camps for Ages 10-18

Coral, Crabs, & Cephalopods (\$940)

Ages 11-12
July 26-Aug. 1

Submerge into the world of coral reefs, the most diverse and productive communities on Earth. Learn about types of corals & reefs, their locations, inhabitants, and how some are in danger. Additional activities include a squid dissection, research vessel trip, wetlands center excursion, crabbing, and a field trip to Moody Gardens.



Sharks & More (\$995)

Ages 10-12 **Ages 13-14**
June 14-20 June 21-27
July 5-11
July 19-25

Have you ever wanted to learn more about sharks? What about the difference between sharks and other types of fish, or what about the truth behind shark attacks? Discover the amazing world of sharks, rays, and more. Observe live sharks at an aquarium. Learn to identify sharks based on their teeth and make your very own shark tooth necklace! Dissect a shark and compare its anatomy with that of a bony fish.



Coastal Ecology (\$995)

Ages 12-15
May 31-June 6 June 7-13
June 14-20 July 5-11
July 19-25

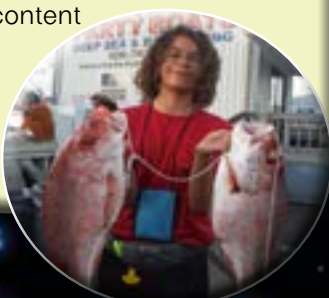
Learn about the marine ecology of the Galveston Bay area. Explore the sandy beach, salt marsh, jetty, and bay ecosystems. Have fun bird watching, swimming, and dissecting sharks & turtles. Experience what it is like to be a marine biologist for a day working behind the scenes at an aquarium. Go dolphin watching on a cruise across Galveston Bay and fish for flounder, redfish, and seatrout.



Fishing Camp (\$995)

Ages 13-18
May 31-June 6 June 7-13
June 14-20

Learn about the marine and estuarine environments through fishing. Catch your bait. Experiment with lures. Tie knots. Improve your cast. Enjoy fishing excursions to the bay, beach front (pier, wade, & surf fishing) and offshore. Compare the environments in which you fished and the catch from each location. Study the food chain through fish stomach content analyses. Visit a fish hatchery.



Advanced Coastal Ecology (\$995)

Ages 14-16
June 21-27

Learn about marine and freshwater ecology of Texas by exploring habitats of the Gulf of Mexico and nearby freshwater systems. Paddle the Cypress swamp of the lower Trinity River and spend a half-day saltwater fishing at the Bolivar Roads channel jetties with Williams Charter Boats. Visit Sea Center Texas in Lake Jackson, TX, and learn the biology and business of saltwater fish hatcheries and the life cycle of red drum. Hike the birding trails at the Gulf Coast Bird Observatory and immerse yourself in their wetlands and birding workshops.



Biology of the Sea Turtle (\$995)

Ages 13-14
June 14-20 June 21-27

Explore sea turtle biology & ecology on the coast of Texas. Five of the 7 species of sea turtles worldwide occur in our Gulf of Mexico. Observe the feeding ecology of wild green sea turtles at Port Aransas jetties & witness a Kemp's ridley hatchling release on North Padre Island (when available). Meet & visit biologists at TAMUG, Padre Island National Seashore, & the Texas State Aquarium. Venture into the Upper Laguna Madre for water activities. Dissect a freshwater turtle. Gain a greater understanding of issues concerning endangered & threatened marine species.



Marine Mammal Workshop (\$995)

Ages 15-18
June 21-27 July 19-25 July 26-Aug. 1

Gain a broad overview of issues facing marine mammals while developing a greater appreciation for their biology. Study a wide range of marine mammal topics from behavior to physiology to conservation. With the cooperation of the marine mammal research programs at TAMUG and agencies such as the Texas Marine Mammal Stranding Network, this camp offers the cutting edge of marine mammal science. Swimming with dolphins is not included or promoted!



Ocean Conservation Camp (\$995)

Ages 14-18
June 7-13

Reduce! Reuse! Recycle! The ocean needs your help! Explore and discover problems and solutions to overcoming our expanding carbon footprint. Join us as we learn about plastic pollution and its effects on the ocean food chain, trash islands formed by gyres, local endangered species, habitat loss through a restoration project, and so much more! Students will also design a sculpture using recycled materials! Let's make a wave of change this summer!

Coastal Photography (\$995)

Ages 13-18

May 31-June 6 Photography for Beginners
June 7-13 Advanced Photography
June 14-20 Cell Phone Photography
July 5-11 Digital Art
July 12-18 Photo-Journalism

Combine science & art in your choice of 5 unique digital photo camps. In each, you will take photos at the best locations in Galveston, make postcards, visit an art gallery, produce mini-portfolios, and finish the week with an art exhibit of your best images. Visit website for specific camp descriptions.



Sea Turtle Conservation & Research (\$995)

Ages 15-18
July 5-11 July 26-Aug. 1

Explore Western Gulf sea turtle research and conservation efforts relative to similar efforts around the world. Threatened and endangered sea turtle populations have recovered significantly with conservation and research efforts in the past four decades. Kayak the Port Aransas Lighthouse Lakes Paddle Trail venturing into mangrove and seagrass ecosystems in search of green sea turtles and diamondback terrapins. Survey green sea turtles at the Port Aransas jetties. This camp includes overnights in the Port Aransas - Corpus Christi and a Kemp's ridley hatchling release (if nature permits). Investigate and present current sea turtle research questions with your fellow campers.



Ocean Careers Awareness (\$995)

Ages 15-18
June 21-27

Combines hands-on experiences relating to careers in the marine environment with introductions to professionals in a wide variety of careers. TAMUG faculty offer numerous opportunities to explore career options while assisting in the lab or field. Additional meetings are arranged with agencies such as NOAA, Moody Gardens, the UT Medical Branch, & the Coast Guard. Schedule is based on the interest of those enrolled.



Ecotourism: Costa Rica (\$2700)

Ages 15-18
July 10-18

Passport required! Costa Rica is a tropical paradise unmatched by any other Central American country. Join us as we travel across Costa Rica from the beautiful Pacific coast to the Arenal Volcano in northern Costa Rica. We will explore the rainforest ecosystem of the famous Manuel Antonio National Park, kayak the Damas mangrove, study reef fish, & visit beautiful Pacific coast beaches. Our trip continues to Texas A&M's Soltis Center for Research & Education. Students will see the rainforest ecosystem of the Arenal Volcano, study amphibians & reptiles, & take a safari down a tropical river. This camp involves hiking, kayaking, and a moderate fitness level is recommended.

Career-Oriented Residential Camps for High Ability Students Ages 14 - 18



Marine Biology Research (\$995)

May 31-June 6
July 12-18

Discover marine biology by exploring the diverse habitats of Galveston Island. Wade in the salt marshes of Galveston Bay while searching for bio-diversity & learn why this environment is a valuable resource. Work alongside TAMUG graduate students to collect pelagic & benthic organisms. Take a trip aboard a research vessel. Learn about marine mammals of the Gulf of Mexico. Design an original research project and presentation. This course is designed for students seeking field experience in the marine environment.



Marine Engineering (\$995)

July 12-18

Much like the Marine Engineering Technology degree offered at TAMUG, this camp introduces campers to an interdisciplinary education in marine propulsion & maritime-related engineering. It explores Maritime Systems Engineering through topics such as fluid mechanics, naval architecture, structural design, & coastal engineering. Campers engage in several hands-on building activities & competitions, get exposure to marine engineering labs at TAMUG & interact with TAMUG engineering students & staff. Field trips may include: TAMUG training ship & simulator, Ocean Star Oil Rig Museum, & NASA.



Marine Science Research (\$995)

July 19-25

Marine science researchers concentrate on physical, chemical, & geological science aspects of marine, estuarine, & coastal environments. A survey of recent TAMUG marine science grads who entered a professional career shows that many of them are currently working in the offshore petroleum exploration & production industry. This course covers careers in marine science, wetlands transects, water & sediment sampling, the pros & cons of artificial reefs, offshore petroleum exploration, remote sensing technology, density dynamics, & environmental law. Students will also design an original research project and presentation.



Veterinary Medicine (\$995)

June 7-13
July 19-25
July 26-Aug 1

Would you like to practice veterinary medicine someday? Why not get a head start this summer? Vet-med camp is the perfect camp for you if you are interested in helping animals. Spend a week touring large and small animal vet practices to help you decide which you like best. Visit laboratory animal medicine facilities, learn about zoo medicine, and explore animal welfare facilities. Discuss your future with vets, technicians, trainers, rehabilitators, and behaviorists who share your passion for helping our furry, fluffy, and feathered friends!



Pre-Med (\$995)

Ages 16-18 only
July 5-11 July 12-18

This week-long session is designed to expose serious students to different aspects of medical sciences. Gain an appreciation for a pathologist's perspective by participating in a virtual autopsy! Discover the difference that doctors & therapists make in a child's life at Shriners Hospital for Children. Tour the University of Texas Medical Branch Medical School and hear advice from admission counselors and current students. This camp is created for students with a serious passion for helping others & a high interest in pursuing a career in the medical field. The camp consists of private tours of real labs, treatment centers, & working clinics. All field trips tentative pending doctor/facility availability.

