

**Dauphin Island Sea Lab  
Discovery Hall Programs  
Marine Science - Summer High School Program**



**SUMMER 2012: June 17 – July 13**

Discovery Hall Programs (DHP) Marine Science class is an intensive 4 week exploration of marine science for students in grades 9-11. During this academic class, students participate in lectures and discussions, individual and group assignments, laboratory and field exercises, written and practical exams, oral presentations and field projects. Members of DHP's year-round staff of professional educators teach the course. The goal of this course is to allow students to gain a better understanding and appreciation of the marine world. Students also gain an understanding of marine science as a possible career choice.



During the 4 weeks of the course, students live on the Dauphin Island Sea Lab campus in a well-supervised setting and participate in over 150 hours of academic activities. Course topics covered include marine vertebrate and invertebrate animals, marine plants, taxonomy and identification of species, estuarine ecology, salt marsh ecology, oceanography, barrier island dynamics, beach and dune ecology, plankton communities and human-ocean interactions. Field activities include weekly trips aboard the Sea Lab's research vessel, the *Alabama Discovery*, trips to local salt marshes, to barrier island shores, a behind-the-scenes tour at an aquarium and an overnight snorkeling trip. Students work with sampling gear such as plankton nets, otter/shrimp trawls, seine nets, bottom grabs and instruments that sense water quality characteristics. Other activities include dissections, identification labs, GPS mapping and an individual research project. The Alabama State Department of Education has approved this class and recommends that schools grant participating students credit towards an Advanced or Standard high school diploma.



The Dauphin Island Sea Lab (DISL) is the marine research and education facility for the State of Alabama. As such it houses academic faculty conducting research on many aspects of marine science in local and far off areas. During the summer, DISL also serves undergraduates of 22 colleges and universities with a 12 week summer session of college courses. DISL is home to the *Estuarium*, an aquarium that focuses on the local waters of Mobile Bay and the Gulf of Mexico. This academic setting is very conducive to an immersive and fun experience in marine science.

**COURSE ADMISSION & PREREQUISITES:** High school students in grades 9-11 who have completed (by summer) a course in general biology are eligible to apply. Selection is based on interest, teacher recommendations, grades and a personal essay.

**APPLICATION FEE: \$50 - non-refundable;** checks made payable to the Dauphin Island Sea Lab. This fee does not apply to the program's cost. **Any application fee postmarked after April 13, 2012 will be accepted as non-refundable** even in the event a student's application file is incomplete.

**APPLICATION DEADLINE: April 13, 2012** or until all positions are filled.

**PROGRAM COST: \$2000 – includes tuition, housing, meals, lab fees and field trip costs.** If accepted, a **deposit of \$800 must be paid prior to May 18** to reserve the student's enrollment. The **balance of \$1200 is due at registration.** Program costs are non-refundable should the student choose to leave the program or be expelled for not following the rules. If a student must withdraw prior to the beginning of the course, the deposit may be returned if notice of withdrawal is communicated to the DHP registrar in writing at least 7 days prior to registration day.

**Please see our website, [www.disl.org](http://www.disl.org) for more information.**

*NOTE: DHP reserves the right to cancel the program if enrollment is inadequate.*

**The Dauphin Island Sea Lab's  
DISCOVERY HALL PROGRAMS MARINE SCIENCE COURSE  
APPLICATION FOR ADMISSION  
JUNE 17 – JULY 13, 2012**



FULL NAME \_\_\_\_\_ DATE OF BIRTH \_\_\_\_\_

PREFERRED NAME \_\_\_\_\_ GENDER: MALE FEMALE

ADDRESS \_\_\_\_\_ HOME PHONE \_\_\_\_\_  
(STREET, P.O. BOX)

\_\_\_\_\_  
(CITY, STATE, ZIP CODE) COUNTY \_\_\_\_\_

EMAIL \_\_\_\_\_ AGE \_\_\_\_\_ CURRENT GRADE LEVEL \_\_\_\_\_

HIGH SCHOOL \_\_\_\_\_ SCHOOL PHONE \_\_\_\_\_

ADDRESS \_\_\_\_\_ PRINCIPAL / COUNSELOR (to send final grade)  
(STREET, P.O. BOX)

\_\_\_\_\_  
(CITY, STATE, ZIP CODE) COUNTY \_\_\_\_\_

PARENT OR GUARDIAN \_\_\_\_\_ CELL PHONE \_\_\_\_\_

PARENT EMAIL \_\_\_\_\_

EMPLOYER \_\_\_\_\_ WORK ADDRESS \_\_\_\_\_  
(STREET, P.O. BOX)

DEPARTMENT \_\_\_\_\_  
(CITY, STATE, ZIP CODE)

WORK PHONE \_\_\_\_\_ EXT# \_\_\_\_\_

Only applicants with complete files will be considered for the 2012 Discovery Hall Programs Marine Science Course. A completed file consists of:

- 1) Application
- 2) \$50 nonrefundable application fee
- 3) Current high school transcript (not grade reports) mailed by your school to our office
- 4) Student essay describing why student would like to attend the course (500 words or less)
- 5) A letter of recommendation from your science teacher
- 6) A letter of recommendation from a teacher of a discipline other than science

NOTE: All application materials **MUST** be **POSTMARKED** by April 13, 2012. **NO FAXES ACCEPTED.**

Send all application materials to: Registrar; Discovery Hall Programs; Dauphin Island Sea Lab; 101 Bienville Blvd.; Dauphin Island, Alabama 36528.

\*\*\*\*\*We recommend submitting all materials by Certified/Return Receipt mail.\*\*\*\*\*

Yes, you may release my information to college recruiters.

The Dauphin Island Sea Lab provides equal educational opportunity to, and is open and accessible to all qualified students, without regard to race, color, creed, national origin, gender or qualified disability with respect to all of its programs and activities.

Disabled students will be provided “reasonable accommodations” when they have identified themselves and validated their special need(s). Complete confidentiality is maintained, unless authorization for release of information has been given in regards to disability.