APPLICATION INSTRUCTIONS
Coastal Ocean Science Academy
August 8 - 20, 2011

Thank you for considering participation in the 2011 Coastal and Ocean Science Academy (COSA) at Northeastern University's Marine Science Center (MSC). Located on historic and picturesque East Point, Nahant, the MSC's outreach program has been serving students of all ages for almost ten years. This year, COSA will engage students in hands-on research and investigation, as well as exploring local threats to coastal and marine environments. There will be several offsite visits to meet professionals engaged in marine-related careers, as well as to experience the diversity of New England's coastal habitats.

Application Instructions

Please read the program information, then fill out and submit the following:

1. Application
2. Participant Agreement
3. Individual Release
4. Media Release

And submit them to:

Carole McCauley, Outreach Program Coordinator
Marine Science Center
430 Nahant Road, Nahant, MA 01908
Phone: (781) 581-7370, x321
Fax: (781) 581-6076
Email: c.mccauley@neu.edu

Deadlines

Applications are due by June 30. Participants will be accepted on a rolling basis until all slots are filled. Scholarship applications must be received by May 31, and notification of scholarship awards will begin by June 15.

Equal Opportunity Policy

Northeastern University is committed to providing equal opportunity to its students and employees, and to eliminating discrimination when it occurs. Northeastern University does not discriminate on the basis of race, color, religion, religious creed, sex, sexual orientation, age, national origin, ancestry, veteran status, or disability status. Moreover, the University will not ignore any form of discrimination or harassment, including sexual harassment. Nor will Northeastern condone any form of retaliatory activity against any person who brings a complaint of discrimination or harassment, or who cooperates in a complaint investigation.

PROGRAM INFORMATION
Coastal Ocean Science Academy
August 8 - 20, 2011

Program Information

Program staff members are trained in environmental education and/or marine science, and material and skills covered are aligned with the Massachusetts Framework for Science and Technology. There are three programs offered in 2011:

- ***COSA Chondrus***
  For students entering Grade 9 or 10. Chondrus students will develop participants' knowledge of marine biology, including ecological and physical characteristics of several local coastal ecosystems. Students will develop skills such as monitoring water quality, measuring species richness and diversity, and identifying marine organisms. They will also begin to explore threats facing these coastal and marine resources.

- ***COSA Mytilus***
  For students entering 10th or 11th grade who have completed the Chondrus program or an equivalent. Building on knowledge learned in the previous program, Mytilus students will deepen their knowledge of rocky intertidal ecology and habitats. Skills will be developed in investigating ecological issues facing coastal and marine habitats, and student research will include consideration of stewardship options to improve environmental quality.

- ***COSA Pagurus***
  For students entering 11th or 12th grade who have completed the Mytilus program or an equivalent. Pagurus students will participate in field and classroom experiences, but will work primarily on a guided research project on a topic relevant to local marine biology.

Program duration

The program runs Monday, August 8 through Saturday, August 20, 2011. The hours are from 8:30am–3pm Monday to Friday, culminating with a family day on Saturday, August 20 from 10am–2pm, at which participants are expected to be accompanied by at least one family member.

Orientation

Each participants and at least one parent/guardian are expected to attend an orientation session on Wednesday, July 27th from 6:00 – 7:30pm, and pizza will be served.

Fees

Program fees for 2011 are $850 for the two-week program. A deposit of $300 is required upon acceptance into the program. Fees include all equipment, transportation to offsite field locations, entry for any fee-based field experiences, daily snacks, lunch on days when we are onsite in Nahant, and a family BBQ on the final day. PLEASE MAKE CHECKS PAYABLE TO NORTHEASTERN UNIVERSITY.

Scholarships

A limited number of scholarships are available. Please contact Carole McCauley at (781) 581-7370, x321 or email c.mccauley@neu.edu for more information.

Arrival/Departure Times

Drop off is by 8:30am at the MSC or 7:30am at the Boston campus. Pick up is at 3:00pm at the MSC or 3:45pm at the Boston campus. If someone other than a parent/guardian is to be picking up a student at any time, the parent/guardian must provide written notification in advance, including the person's name, relationship to the student, and their daytime phone number.

What to bring

- Layers of clothing, a change of clothing, and/or rain gear is highly recommended. The temperature in Nahant may differ from other communities, and it is often windy in Nahant.
- There is a good chance that feet will get wet, so rubber-soled shoes such as boots, water shoes, or old sneakers are recommended and can be left onsite for the duration of the program if desired. Tevas and other high-traction open-toed sandals that are completely fastened to the feet are allowed. Slip-on sandals, flip flops, Crocs, or heels are not allowed.
- A hat is advisable.
- A change of clothes may be stored onsite during the program in case participants get very wet.
- Participants may bring their own sunscreen from home. The staff of the Marine Science Center will not provide or apply sunscreen to minors.
- Each participant should bring a reusable water bottle.
- Participants are responsible for bringing their own lunch on days with offsite field trips (4 days).

Shuttle Service to the MSC

We will provide a shuttle daily from the Boston campus for an additional cost of $100 per student.

Transportation to and from Activities

COSA staff will escort students at all times. COSA students are transported to daily field sites in passenger vans driven by COSA staff. The only exception is that for students commuting from Boston on days when activities are in Boston, COSA staff will escort those students from the main campus to their destination via public transit. On these days, students will meet on campus at 8:30am instead of 7:30am. Permission to leave directly from the Aquarium or Ferry terminal at the end of the day can be given by a parent in writing, otherwise a COSA staff member will escort the student back to Northeastern's main campus at the end of the day.

Absences/Late Arrival

Many activities happen off-site. Students who know they will be late must communicate with COSA staff on the previous the day. Parents are welcome to drop students off at a field site, but need to inform COSA staff of this. Many activities are time-dependent so the group cannot wait for a student who is running late. All parents and students will receive COSA staff cell phone numbers at the parent orientation. Please keep the staff aware of any changes in student's schedules. If a student is not coming to the program due to illness or other reasons, please inform the staff by 7:30am.

Student Behavior

Disruptive, dangerous, or disrespectful behavior may result in dismissal from the COSA program.

APPLICATION
Coastal Ocean Science Academy
August 8 - 20, 2011

Participant Information

Name: _____
(Last) (First) (M.I.)

Address: _____
(Street) (City) (State) (Zip Code)

Date of Birth: ___/___/___ Daytime phone: _____ Evening phone: _____

School: _____ Grade entering in Sept 2011: _____

Email Address:_____

I am interested in utilizing the shuttle from the NU campus to the MSC ($100 cost) Yes___ No____

Program applying for (check one): Chondrus _____ Mytilus _____ Pagurus _____

Parent/Guardian Information

Name: _____
(Last) (First) (M.I.)

Address: _____
(Street) (City) (State) (Zip Code)

Daytime phone: _____ Evening phone: _____

Email Address: _____

Emergency Contact Information (in case parent/guardian is not available)

Name: _____ Phone (Daytime):_____

Relationship to Student: _____ Phone (Mobile): _____

PARTICIPATION AGREEMENT
Coastal Ocean Science Academy
August 8 - 20, 2011

Participant Agreement

Upon acceptance into the Coastal and Ocean Science Academy (COSA), I commit to attending both weeks of the academy, and to abide by the rules and policies set forth by Northeastern University and its COSA program. I understand that my failure to comply with these rules may result in dismissal from the program.

_____
Participant name

_____
Participant signature

_____
Date

Parent/Guardian Agreement

Upon acceptance of my child to the Coastal and Ocean Science Academy (COSA) program, I am committed to his/her compliance with the conditions, rules, and policies set forth by Northeastern University and its COSA program. I understand that if he/she does not abide by these rules that my child may be dismissed from the program. U also understand that program activities and field trips start at specific times, and that if my child is late, he/she may not be able to attend the COSA program on that day. I agree to attend the orientation session on July 27 with my child, as well as the family day on August 20.

_____
Parent/guardian name

_____
Parent/guardian signature

_____
Date

INDIVIDUAL RELEASE
Coastal Ocean Science Academy
August 8 - 20, 2011

I do hereby assume all risks and hazards of whatever nature, and more particularly, all risks and hazards of personal injury and/or property damage arising out of my/my child's activities on the premises of the Marine Science Center of NORTHEASTERN UNIVERSITY at Nahant, Massachusetts or in any other aspect of the Coastal and Ocean Science Academy, and I do hereby covenant, for myself/my child and my/my child's heirs, assigns, executors or administrators and dependents with the said NORTHEASTERN UNIVERSITY, its incorporators, trustees, officers, faculty, directors, employees, and agents that neither I/my child nor they will ever sue the said NORTHEASTERN UNIVERSITY, its incorporators, trustees, officers, faculty, employees, and agents, on account of any claim for damages, for personal injury and/or property damage alleged to have occurred to me/my child in the course of pursuing my/his/her activities at said Marine Science Center or while participating in the Coastal and Ocean Science Academy.

I do hereby release, absolve, indemnify and hold harmless NORTHEASTERN UNIVERSITY, of Boston, an educational institution incorporated under the laws of the Commonwealth of Massachusetts, and its incorporators, trustees, officers, faculty, employees, and agents from and of any liability of whatever nature, including, but not limited to liability personal injury and/or property damage arising out of the pursuance of my/his/her activities at said Marine Science Center or while participating in the Coastal and Ocean Science Academy.

_____
Child's name

_____
Parent/guardian's name

_____
Parent/guardian signature

_____
Relationship to child

_____
Date

MEDIA RELEASE
Coastal Ocean Science Academy
August 8 - 20, 2011

I hereby authorize Northeastern University, and those acting pursuant to its authority to:

(a) Record my likeness and voice on a video, audio, photographic, digital, electronic or any other medium.

(b) Use my name in connection with these recordings.

(c) Use, reproduce, exhibit or distribute in any medium (e.g. print publications, video recordings, CD-ROM, Internet) these recordings in connection with Northeastern University and the Marine Science Center's Coastal Ocean Science Academy.

I release Northeastern University and those acting pursuant to its authority from any liability related to my child's participation in the University's programs, including the Coastal Ocean Science Academy. I understand that all such recordings, in whatever medium, shall remain the property of Northeastern University. I have read and fully understand the terms of this release.

_____	_____
Child's name	Phone
_____	_____
Street address:	City, state, zip
_____	_____
Parent/guardian name	Relationship to child
_____	_____
Parent signature	Date