

Here are a few of the many **recreational activities** that you may enjoy during your spare time:

- Sea kayak tours are available, 50m down the waterfront from the station.
- Boat tours and water taxis leave from a wharf near the station.
- Gros Morne National Park has an extensive array of hiking trails ranging from a few minutes to several days. Many of these are spectacular.
- Students occasionally enjoy the local bar bands and related cultural activities.
- The interpretive lectures and exhibits at Gros Morne National Park, the Deer Lake Insectarium and community museums are highly recommended.
- Fish for salmon, mackerel, trout and other fish.
- Public aquarium tours at the station.
- Spectacular scenery provides inspiration for art and photography enthusiasts.

[www.visitgrosmorne.com](http://www.visitgrosmorne.com)

**ACCOMMODATIONS:** Students can stay in our residence at reasonable rates (\$680 per course; including meals & accommodations).

**COSTS:** The usual tuition fees are payable for each course. There will be minor extra costs for supplies and field trips. Field trips to Labrador and St. Anthony have been an extra \$100–200 in previous years. You need to bring your own rubber boots, waterproof field notebook (available at station), rain gear, and dissection kit. Students are required to pay a refundable \$100 deposit/course at the time of registration. This serves as both a damage deposit and will secure you a place in residence.

**BOATING:** Students will spend a great deal of time in small boats to access various habitats, learn sampling techniques, and to develop practical skills.



For further information regarding the Bonne Bay Aquarium & Research Station please contact:

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**MEMORIAL  
UNIVERSITY**

2025 SPRING / SUMMER

# BIOLOGY FIELD COURSES

## AT BONNE BAY AQUARIUM & RESEARCH STATION



033-14010B-01-15-400



**BONNE BAY,** on Newfoundland's west coast, provides unique opportunities to learn marine science. The area, surrounded by Gros Morne National Park, has unequalled diversity of habitat, marine plants, fish and invertebrates. This diversity cannot be matched anywhere else in northeastern North America.

**OCEANOGRAPHY:** This area of the Gulf of St. Lawrence is subject to the west Newfoundland current that flows northward from the Cabot Strait. These waters are ice-covered in the winter, but warm to the 20 degrees range in summer. Stratification provides year round sub-zero Arctic habitats. Salinity varies between salty oceanic to extensive estuaries. Mixed semidiurnal tides of c.2m bathe extensive intertidal shores with abundant tide pools.

**CLIMATE:** Bonne Bay has a cool temperate climate with cold, snowy winters, cool springs and warm summers. Prevailing winds are from the NW in winter and the SW in summer, but winds can blow from any direction with little warning. The most extreme winds are associated with late summer/fall tropical disturbances, or with katabatic winds that rush down out of the Long Range Mountains. Snow in May is not unusual while summer rain is common but not usually overwhelming. Spring fog is common on the gulf but unusual within the bay.

**LOCATION:** At Deer Lake on the Trans Canada Highway take Route 430. Travel north on Route 430 for 60 km, watch for the Norris Point turn-off. Drive through the community until you reach a stop sign on the waterfront. Look to your right — you can't miss us!

## SPRING/SUMMER 2025

We will offer three courses in Bonne Bay during the spring/summer semester. Full course descriptions and particulars can be found on our website at [mun.ca/grenfellcampus/research/bonne-bay-aquarium--research-station/](http://mun.ca/grenfellcampus/research/bonne-bay-aquarium--research-station/).

### MARINE PRINCIPLES AND TECHNIQUES B3709

Techniques for investigating marine life and biotopes of the northern Gulf of St. Lawrence  
**May 18 – 31, 2025**

### EXPERIMENTAL MARINE BIOLOGY OF NEWFOUNDLAND WATERS BIOL 4710/OCSC 4500

Phytoplankton ecology in Newfoundland waters: Experimental design, sample and data analysis and interpretation  
**June 29 – July 12, 2025**

### ESTUARINE FISH ECOLOGY BIOL/OCSC 3714

Community structure, function and distribution of northern coastal fishes in fjords and estuarine environments  
**June 8 – 21, 2025**

*Prerequisites:*  
Some courses require prerequisites.  
Please check the university *Calendar*.



**COURSES AT BONNE BAY** are designed to maximize the unique natural laboratories of the ocean and adjacent lands. Lectures provide all necessary theoretical frameworks. You can expect to spend a great deal of time outdoors. Be prepared for considerable time on the shores and in small boats.