

Course: Aquatic Ecology (BIOL3006)**Laboratory Schedule**

Faculty: Dr. Cathy Enright

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Week	Thursday
1	Sept 09 - First Day of Class - Introductory to the Lab
2	Sept 16 - Rivers, Streams, brooks. Water Quality River Assessment. Understanding of digger logs. Lepper Brook. Regg Madden. Electro-fishing.
3	Sept 23 - Life in a Lake. MacEllmond's Pond.
4	Sept 30 - Nature's Wetlands. Tour of the established Duck's Unlimited site located in Shubenacadie. <i>Departure time: 12:30</i>
5	Oct 07 - Life in a salt marsh. Brule Beach, Northumberland Strait. Using quadrats to compare species diversity. Connecting species from the ocean to the land. Formal lab. 15:48 tide = 1.12m <i>Departure time: 12:30</i>
6	Oct 14 - Assessment of soft-shelled clam populations. Economy Beach, Minas Basin, Bay of Fundy. Formal Lab. Analyzing populations through previous years. Clam digging. Formal lab. tide = 3.1m, 15:57 <i>Departure time : 12:30</i>
7	Oct 21 - Intertidal Communities. Lawrencetown Beach. Rocky intertidal and sandy beach. Examination of intertidal species and their ability to adapt to haline conditions. Formal lab. 12:45 tide = 0.3m <i>Departure time: 12:30</i>
8	Oct 28 - Seabirds and their adaptive capabilities. Dr. Helene van Donnck
9	Nov 05 -Fraser's Mills Fish Hatchery Restocking provincial waters with salmonids. Opportunity to span Atlantic salmon. <i>Departure time: 12:30</i>
10	Nov 11 - NO CLASS - Remembrance Day.
11	Nov 19 - Oral Presentation on an aquatic ecological issue
12	Nov 25 - Aquaculture Debate. Aquaculture and the Environment pros and cons. Responding to the question: Does aquaculture harm the environment?

In the event of weather cancellations for a field trip, the lab will be held in Room 161, Aquaculture.