ATOC 473. ARTIC FIELD RESEARCH.

Credits: 6

Offered by: Atmospheric & Oceanic Sciences (Faculty of Science)

This course is not offered this catalogue year.

Description

This course is the independent research component of the McGill Arctic Field Study Semester. It has four distinct parts, a) problem identification and background preparation, b) research design and field data collection, c) lab and data analysis, and d) report preparation and presentation. The research design and field data collection will be part of an extended period of fieldwork based in the Canadian Arctic. The Lab and data analysis will begin in the field and finish on campus. Each student will prepare a manuscript style report and make a conference presentation based on their research.

- Corequisite(s): GEOG 373, EPSC 373 and ATOC 373
- Restriction(s): Permission of the instructor. Not open to students who have taken or are taking EPSC 473 or GEOG 473.
- Note(s): 1. This course is one of a set of four field courses (ATOC 373, EPSC 373, GEOG 373, and ATOC/EPSC/GEOG 473) designed to be taken concurrently. It complements programs in natural science disciplines by providing students with specialized field training and research experience focusing on the unique environmental conditions of cold polar systems. 2. Cost includes transportation, room and board, field expenses. Students are charged $12,000 for the four courses combined: ATOC, 373, EPSC 373, GEOG 373, and ATOC/EPSC/GEOG 473. 3. Arctic localities: Iqaluit, Resolute Bay, and Central Axel Heiberg Island in the Canadian High Arctic.