



MSc positions in Physical Oceanography: Changing Arctic Ocean Dynamics

The Arctic is a rapidly changing environment, with far-reaching implications for the region and for global climate. It is critical to understand the nature of the environmental changes underway and their consequences.

Our research group is currently seeking 1-2 highly motivated graduate students at the MSc level interested in research related to the changing Arctic Ocean. The research projects available will use Arctic Ocean observations to address questions about ocean mixing mechanisms in the Arctic Ocean and how they are changing, and Arctic Ocean models to explore how Arctic Ocean mixing and its effects can be better represented in ocean and climate models. For examples of the type of work we do, see these past outputs led by group members [here](#) and [here](#).

The work will be supervised by [Dr. Stephanie Waterman](#) at the University of British Columbia in Vancouver, Canada. It will involve close collaboration with partners at the Department of Fisheries and Oceans, Yale University, MIT, and the University of Texas at Austin.

As part of the post, the successful candidate(s) will pursue a MSc in Oceanography in the [Department of Earth, Ocean and Atmospheric Sciences \(EOAS\) at UBC](#). Information about the EOAS graduate program is given [here](#). As a thesis-based graduate student in EOAS, the position will be supported by research and teaching assistant stipends at a minimum rate of \$29,645 CAD/year guaranteed for the first two years of study.

Candidates require an undergraduate degree in Physics, Engineering, Mathematics, Computer Science, Oceanography, or a related field obtained by the start date, ideally September 2026. Prior experience in oceanography is **not** required.

If interested, please contact Dr. Stephanie Waterman by email (swaterman@eoas.ubc.ca) indicating your motivation and relevant experience and including an unofficial transcript and CV, ideally by **November 15 2025**. In addition to [applying for admission to UBC](#), selected candidates will be asked to apply for the UBC Affiliated Fellowships Master's competition by the deadline of **December 1 2025**. Information about this competition with links to application and reference forms is available at <https://www.grad.ubc.ca/awards/affiliated-fellowships-masters-program>.

The University of British Columbia is committed to an equitable, diverse, and inclusive workforce. We welcome applications from all qualified persons. We encourage women; First Nations, Métis and Inuit; members of visible minority groups; persons with disabilities; persons of any sexual orientation or gender identity and expression; and all those who may contribute to the further diversification of ideas and the University to apply. We consider a broad range of contributions, achievements and experiences as markers of excellence, and make allowances for career interruptions and varied career paths.