



Ocean Technology Council of Nova Scotia, 2015

Oceanographer

Median Yearly Income (2010): \$78, 796

This unit group is for geoscientists and oceanographers: Oceanographers conduct programs of exploration and research on ocean processes, biological, chemical and physical characteristics of oceans, and impacts of human activity on oceans and marine ecosystems.

WHAT YOU DO

Oceanographers are responsible for studying the contents, boundaries and other aspects of oceans, including their role in the earth's climate system.

In the oceans technology sector, oceanographers conduct targeted research to provide advice and support to governments and/or industry on a broad range of ocean issues, including sovereignty, safety and security, safe and accessible waterways and the sustainable use of natural resources.



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Ocean Tracking Network, 2015



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Oceanographers perform some or all of the following duties:

- Study physical properties of oceans to develop models, charts and computer simulations of tides, waves, currents and sediment transport;
- Explore ocean floor and submarine geological structures; and
- Conduct seismic surveys and study formation of ocean basins and other structures to map ocean floor and areas for offshore oil and gas exploration.

WHAT YOU NEED

- ❖ Enjoy being at sea;
- ❖ Enjoy working with scientific data;
- ❖ Have the ability to communicate and cooperate with others;
- ❖ Possess a familiarity with computers;
- ❖ You should be curious, adaptable, and patient; and
- ❖ Physical stamina may be necessary for those doing fieldwork at sea.

Oceanographer



CAREER PATHWAY

OVERVIEW

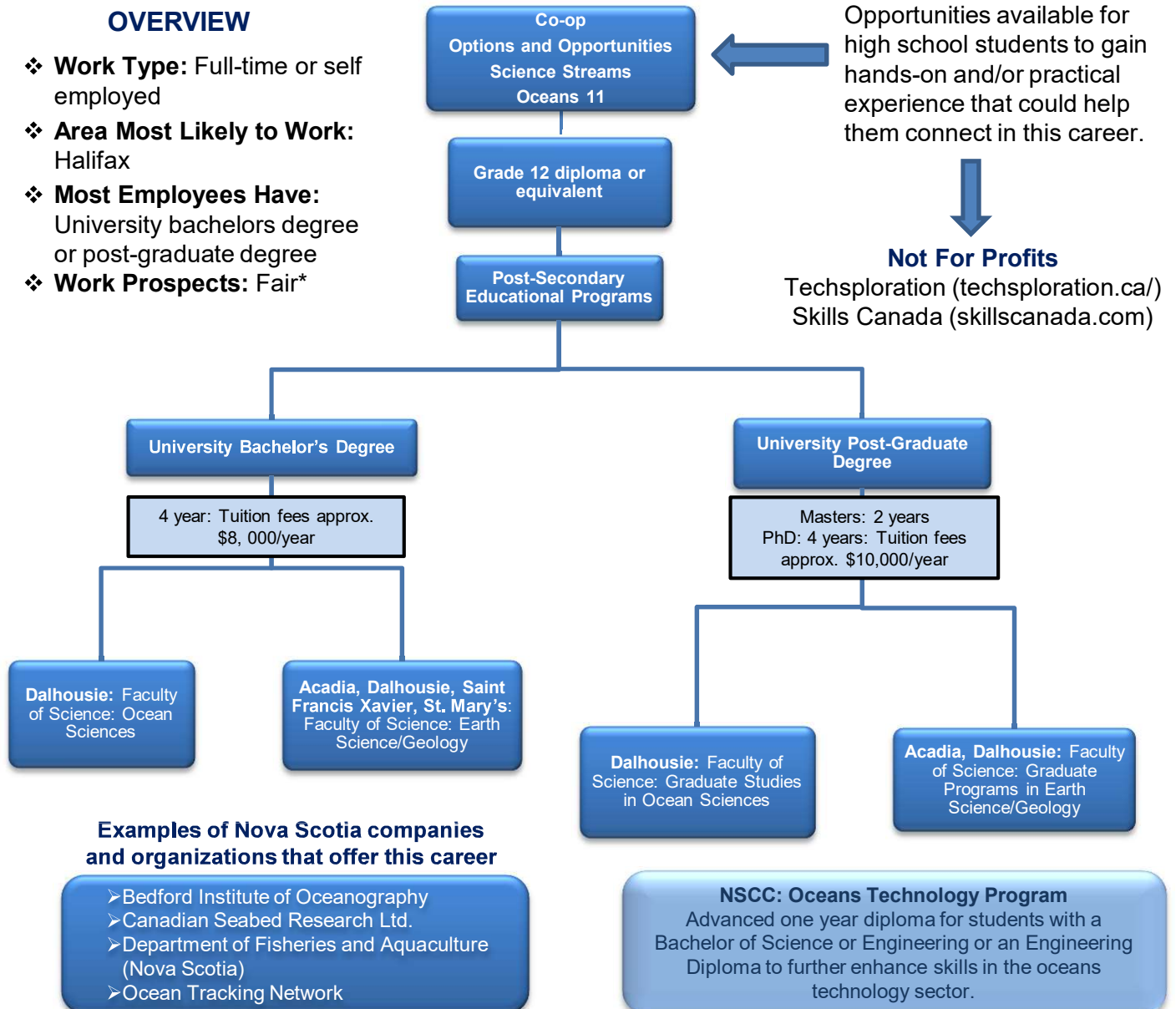
- ❖ **Work Type:** Full-time or self employed
- ❖ **Area Most Likely to Work:** Halifax
- ❖ **Most Employees Have:** University bachelors degree or post-graduate degree
- ❖ **Work Prospects:** Fair*

Opportunities available for high school students to gain hands-on and/or practical experience that could help them connect in this career.



Not For Profits

Techsploration (techsploration.ca/
Skills Canada (skillscanada.com)



References and Resource Links

- * The employment outlook over the next few years for this occupational group is "fair", which indicates the chances of a qualified individual finding work is around average.
- Bedford Institute of Oceanography (<http://www.bio.gc.ca/index-en.php>)
- Careers Nova Scotia (<http://careers.novascotia.ca/>)
- Create your career plan: (careeringear.nsc.ca)
- 2113 national occupation classification (<http://www5.hrsdc.gc.ca/NOC/English/NOC/2011/QuickSearch.aspx?val65=2113>)