



# Computer Information and Systems Manager

Median Yearly Income (2010): \$71,920

This unit group is for all computer information and systems managers: Computer information and systems managers plan, organize, direct, control and evaluate the activities of organizations that administer software, networks and information systems.

## WHAT YOU DO

*Computer and information systems managers* analyze requirements, and develop and implement new computerized information systems and data processing systems.

*In the oceans technology sector*, computer and information systems managers may be involved in the design and development of specialized software packages used by the Navy, the Canadian Coast Guard or research vessels. They may also be engaged with the management of high-quality oceanographic data collected from all over the world.



## WHAT YOU NEED

- ❖ A natural interest in and aptitude for computers and computer science;
  - ❖ Able to work with high amounts of focus and patience;
  - ❖ Strong leadership qualities and an ability to motivate others;
  - ❖ Excellent organizational, problem-solving, planning, and decision-making skills; and
  - ❖ You must have confidence and demonstrate initiative.
- ❖ Develop and implement policies and procedures for electronic data processing and computer systems development and operations;
  - ❖ Meet with clients to discuss system requirements, specifications, costs and timelines; and
  - ❖ Recruit and supervise computer analysts, engineers, programmers, technicians and other personnel and oversee their professional development and training.

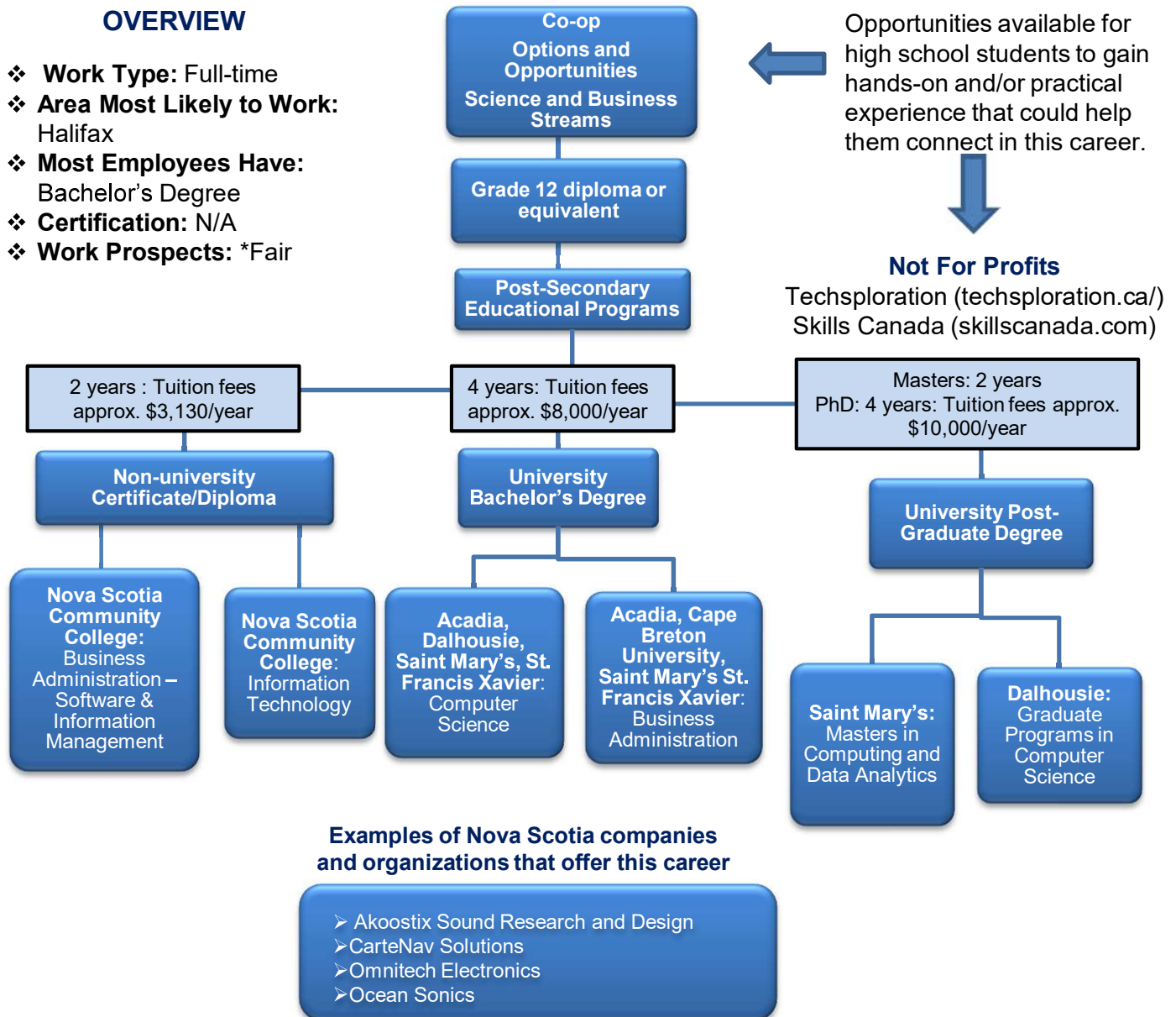
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## CAREER PATHWAY

### OVERVIEW

- ❖ **Work Type:** Full-time
- ❖ **Area Most Likely to Work:** Halifax
- ❖ **Most Employees Have:** Bachelor's Degree
- ❖ **Certification:** N/A
- ❖ **Work Prospects:** \*Fair



### 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
- Careers Nova Scotia (<http://careers.novascotia.ca/>)
- Create your career plan ([careerplan.nsc.ca](http://careerplan.nsc.ca))
- 0123 national occupation classification (<http://www30.rhdcc.gc.ca/CNP/English/NOC/2006/QuickSearch.aspx?val65=0213>)