

What Can I Do With My Major?

Statistics



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Why Study Statistics at UPEI ?

Students who decide to major in statistics will be provided with a solid foundation in both statistical theory and applied statistics. They will learn how to collect and analyze data and inferring properties of the whole from a representative sample. This undergraduate degree will prepare students to become statisticians or to further their education in graduate studies.

Adapted from www.upei.ca/programs/statistics



Career Possibilities

Some careers may require further education

- Actuary
- Aerospace Engineer
- Auditor
- Business Analyst
- Data Scientist
- Database Administrator
- Financial Analyst



Career Possibilities

Some careers may require further education

- Big Data Analyst
- Database Administrator
- Insurance Underwriter
- Investment Analyst
- Logistics Specialist
- Market Researcher
- Quantitative Analyst
- Risk Consultant
- Statistician
- Stock Trader



Top Transferable Skills

Problem-solving skills require the ability to define, clarify and recognize problems. Effective problem-solving is integral to processes such as applying theory to test hypotheses and find solutions.

Research skills are project-dependent and entail a broad array of sub-components such as preparing reports, presenting alternative information, utilizing instruments and equipment, and complying with specific rules and regulations.



Top Transferable Skills

Analysis requires comparing information and data to help categorize, perceive patterns and relationships and evaluate ideas – a critical part of examining evidence.

Math and numeracy skills require the ability to accurately formulate problems, model complex systems and apply quantitative analysis. Becoming more proficient in some areas may be necessary.



Statistics Related Resources

[American Statistical Association](#)

[Canadian Applied and Industrial Mathematics Society](#)

[Canadian Industry Statistics](#)

[Canadian Mathematical Society](#)

[Society for Canadian Women in Science and Technology](#)

[Statistical Society of Canada](#)

[Statistics Canada](#)

Thanks For Reading!

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