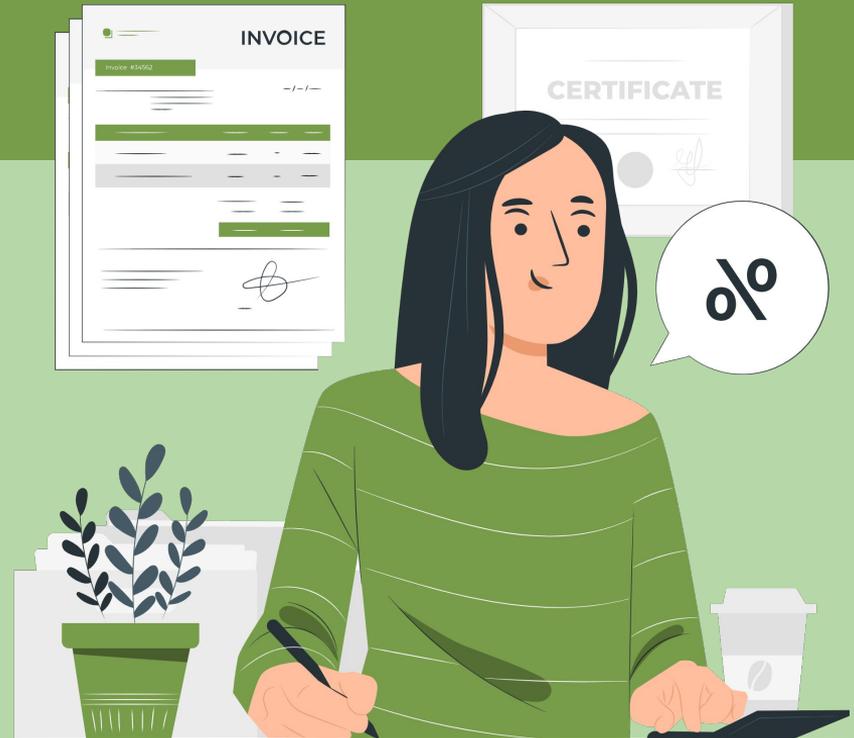


# What Can I Do With My Major?

## Financial Mathematics



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# Why Study Financial Mathematics at UPEI?

Financial mathematics covers subject areas such as statistics, business, economics, as well as, mathematics and finance. Students learn how to use mathematical models in finance to analyze markets and pricing. Students will also develop the ability to create solutions for complex financial issues, which can create career opportunities in the financial sector or financial mathematics.

Adapted from [www.upei.ca/programs/financial-mathematics](https://www.upei.ca/programs/financial-mathematics)



# Career Possibilities

Some careers may require further education

- Actuary
- Commodities Manager/Broker
- Data Analyst/Scientist
- Economic Research Officer
- Financial Analyst
- Group Insurance Representative
- Investment Consultant
- Life Insurance Agent
- Marketing Analyst



# Career Possibilities

Some careers may require further education

- Mortgage Officer
- Pension/Purchasing Officer
- Quantitative Research Analyst
- Research Analyst
- Risk Management Modeler/Analyst
- Statistician/Statistical Analyst
- Stockbroker
- Trading Floor Analyst
- Valuation Analyst



# 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.

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



# Top Transferable Skills

**Financial** knowledge of banking, capital markets, money, and investments is required, as well as being able to organize and understand financial records to analyze and strategize.

**Communication skills** require the ability to communicate abstract concepts, translate information, explain complex issues, report findings/results, processes and data interpretation.



# Financial Mathematics Related Resources

[Canadian Mathematical Society](#)

[Canadian Statistical Science Institute](#)

[Canadian Securities Institute](#)

[Be an Actuary](#)

[Private Capital Markets Association of Canada](#)

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

[The Canadian Applied and Industrial Mathematics Society](#)

[Women in Capital Markets](#)

# Thanks For Reading!

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