

# **Earning Potential**

From the consumer group, GetEducated.com, based on Bureau of Labor Statistics (BLS), a division of the United States Department of Labor (2018).

#### Engineering

Average annual salary: \$83,540 Expected growth: 4%

Mathematics Average annual salary: \$100,610 Expected growth: 28%

#### Statistics

Average annual salary: \$80,500 Expected growth: 34%



# **Our Faculty: Areas of Research**

Mathematics:

Algebra

Analysis

Combinatorics

Differential Equations and Dynamical Systems

**Fluid Mechanics** 

Geometry and Topology

Mathematical Methods and Modelling / Numerical Optimization

**Mathematical Physics** 

Numerical Analysis and Scientific Computation Statistics:

**Biostatistics** 

**Business and Industrial Statistics** 

**Econometric Models** 

**Environmental and Financial Processes** 

**General Applied Statistics** 

**Non-Parametric Statistics** 

Sampling

**Statistical Genetics** 

Theory of Statistics and Probability

# **Programs Offered**

**Applied Mathematics** and Chemistry Joint Honours (B.Sc. only)

**Applied Mathematics** and Computer Science Joint Major (B.Sc. only)

**Applied Mathematics** and Economics Joint Major (B.Sc. only)

Applied Mathematics and Physics Joint Honours (B.Sc. only)

Applied Mathematics and Physics Joint Major (B.Sc. only)

Biology and Statistics Joint Honours (B.Sc. only)

Computer Science and **Pure Mathematics** Joint Honours (B.Sc. only)

Computer Science and **Pure Mathematics** Joint Major (B.Sc. only)

Computer Science and Statistics Joint Honours (B.Sc. only)

Computer Science and Statistics Joint Major (B.Sc. only)

Economics and **Pure Mathematics** Joint Major (B.Sc. only) Economics and **Statistics** Joint Major (B.Sc. only) Economics and Statistics (Co-operative) Joint Major (B.Sc. only) Honours in Applied Mathematics (B.Sc. only) Honours in **Pure Mathematics** Honours in **Statistics** Major in **Applied Mathematics** (B.Sc. only) Major in Pure Mathematics Major in Statistics Minor in **Mathematics** Minor in Statistics

Pure Mathematics and Statistics Joint Honours (B.Sc. only)

## MAJOR IN APPLIED MATHEMATICS

DRAFT DOCUMENT: CHECK UNIVERSITY CALENDAR FOR ACCURATE PROGRAM REQUIREMENTS



A — B A is a prerequisite of B



\* or any STAT course. STAT 2410 is recommended.

Questions or comments: mathugrad@mun.ca

### MAJOR IN PURE MATHEMATICS

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For elective 3rd and 4th year courses, make sure you plan ahead to have prerequisite requirements complete. Questions or comments: mathugrad@mun.ca

\* or any STAT course. STAT 2410 is highly recommended.

A → B A is a prerequisite of B
A --→ B A is a corequisite of B

### MAJOR IN STATISTICS

[DRAFT DOCUMENT] YOU MUST CHECK THE UNIVERSITY CALENDAR FOR PROGRAM REQUIREMENTS



For elective 3rd and 4th year courses, make sure you plan ahead to have prerequisite requirements complete. \* this course is recommended, but not required for statistics majors \*\*Formerly STAT 3410

Questions or comments: mathugrad@mun.ca

### HONOURS IN PURE MATHEMATICS

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A → B A is a prerequisite of B A -- → B A is a corequisite of B

## JOINT HONOURS IN APPLIED MATHEMATICS AND PHYSICS

DRAFT DOCUMENT: CHECK UNIVERSITY CALENDAR FOR ACCURATE PROGRAM REQUIREMENTS



1: Any computing course is sufficient, but 1510 is recommended if it fits in your schedule.

2: 2130 requires a computing course,

3: See calendar for prerequisite requirements for these courses.

You must also complete the core degree requirements (see University Calendar).

В A is a prerequisite of B Questions or comments: A is a corequisite of B B ► B A is recommended before B А

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