

DEPARTMENT OF MATHEMATICS AND STATISTICS

Mathematics is the study of numbers, shapes and relationships through the use of deductive reasoning, and includes both the elegance of pure theory and the application of this theory to all human endeavours. Students cover topics from the fields of algebra, analysis, geometry and applied mathematics.

Statistics is the science of collecting and analyzing data. Probability theory, the study of uncertainty, provides the foundation for all statistical models. Principles of probability theory and statistics are used to make decisions in the insurance industry, healthcare industry, the financial world, and in engineering.

Chair

Karen Buro, PhD (Aachen)

Mathematics/Statistics

Faculty

Cristina Anton, PhD (Alberta); PhD (Romanian Academy)

Applied Mathematics; Probability and Statistics

Sunil Barran, M.Sc. (Alberta)

Mathematics

Elaine Beltaos, PhD (Alberta)

Mathematics

Ion Bica, PhD (Alberta)

Applied Mathematics

Brian Franczak, PhD (Guelph)

Statistics

Rui Hu, PhD (Memorial)

Mathematics

Christian Ivanescu, PhD (Toronto)

Mathematics

Kathleen Lawry-Batty, PhD (Western Ontario)

Statistics

Shelley Lorimer, PhD (Alberta)

Engineering

David McLaughlin, PhD (Alberta)

Mathematics

John O'Connor, M.Sc. (National University of Ireland); M.Sc. (Alberta)

Mathematics; Statistics

Christopher Ramsey, PhD (Waterloo)

Mathematics

Mark Solomonovich, PhD (Tomsk State)

Theoretical and Mathematical Physics

Nicolae Strungaru, PhD (Alberta)

Mathematics

Wanhua Su, PhD (Waterloo)

Statistics

Adi Tcaciuc, PhD (Alberta)

Mathematics

Nataliya Zadorozhna, PhD (Ukrainian National Academy of Sciences)

Mathematics