Department of Mathematics and Statistics

We offer three graduate degree programs

MA
Coursework
Survey Paper
Thesis

PHD
Applied Mathematics
Pure Mathematics
Statistics

MSC
Applied &
Industrial
Mathematics

&

Graduate Diploma in Financial Engineering
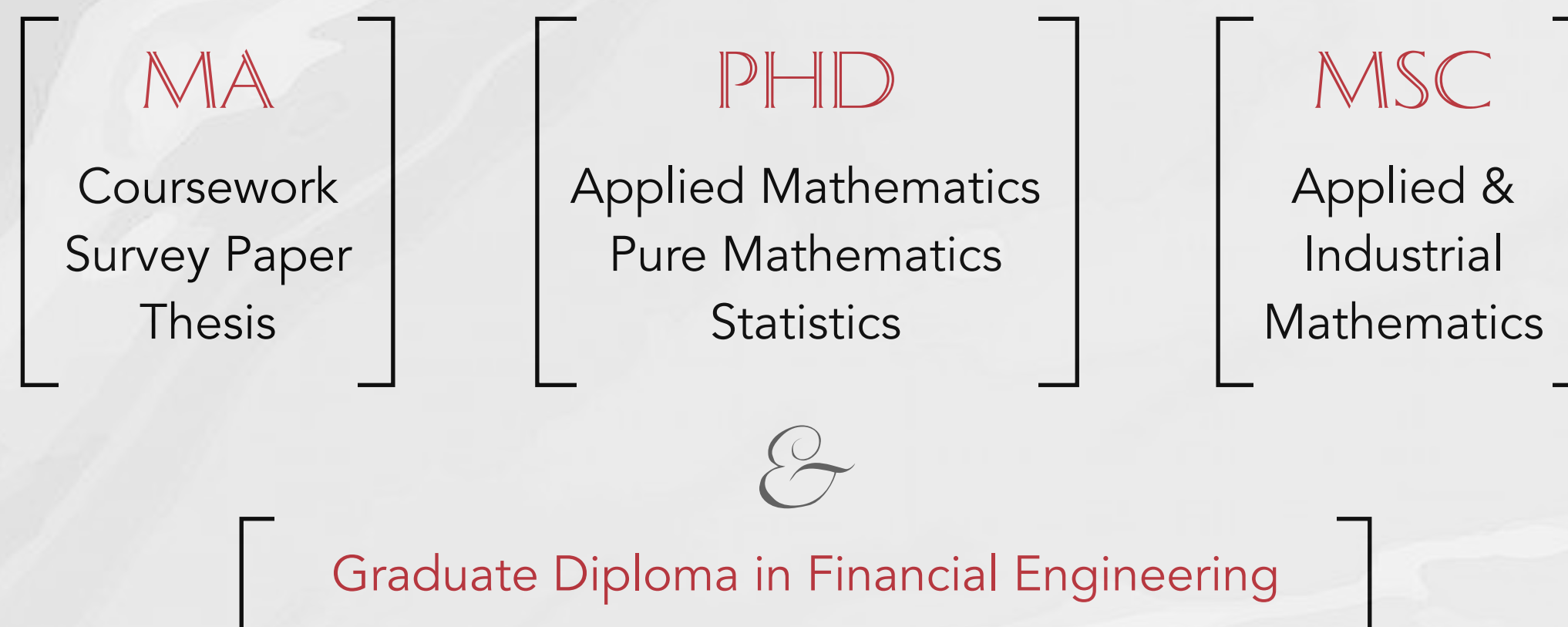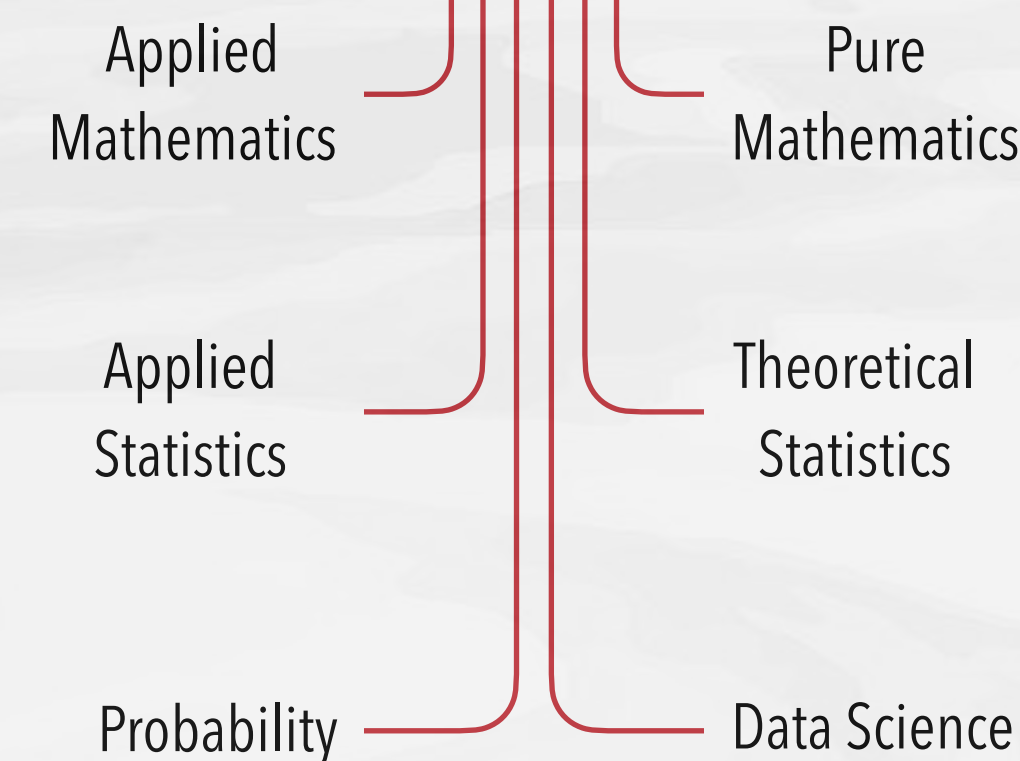
Our department has several research groups with interests in many subfields of mathematics and statistics. Our graduate programs provide both depth and breadth of knowledge in mathematics and statistics to help students tackle challenging problems in theory and applications, and many go on to successful careers in academia, industry and public service worldwide. Our strongest students win various prestigious awards and scholarships, including NSERC, CIHR, OGS and QEII.

MA Programs

Applied
Mathematics

Pure
Mathematics

Applied
Statistics

Theoretical
Statistics

Probability

Data Science

graduate studies | **YORK** UNIVERSITÉ UNIVERSITY U

Applied and Industrial Mathematics

- ▸ Industrial Mathematics

- ▸ Mathematical Finance

- ▸ Scientific Computing

- ▸ Mathematical Biology

- ▸ Disease Modelling and Computational Epidemiology

Pure Mathematics

- ▸ Algebraic Combinatorics

- ▸ Analysis

- ▸ Category Theory

- ▸ Number Theory

- ▸ Set Theory

Statistics and Actuarial Science

- ▸ Statistics and Probability

- ▸ Biostatistics and Bioinformatics

- ▸ Big Data

- ▸ Machine Learning

- ▸ Actuarial Science

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