

# Master of Science (M.Sc.) in Data Science and Machine Learning

Began over a century ago, the National University of Singapore has developed into an institution considered by many to be among the best in the world, with its transformative education and high impact research making a distinctive and positive impact on society.

The Department of Mathematics has been ranked 1st among Asian Universities and top 20 worldwide in recent QS World University Rankings by Subject. The Department offers a diverse and vibrant programme in graduate studies, in fundamental and applied mathematics. Faculty members' research covers all major areas of contemporary mathematics.

## CONTACT

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## OVERVIEW

- An interdisciplinary graduate degree programme designed to nurture the next generation of leaders in data science; Multiple data science specialisations;
- Curriculum integrating mathematics, statistics and computer science, as well as data analytics and machine learning;
- Jointly offered by 3 renowned departments of NUS (Mathematics, Statistics and Applied Probability, Computer Science);
- Taught by leading NUS researchers in data science as well as data scientists from industry;
- Industry-relevant capstone project modules covering applications of data analytics in sectors such as financial industry, healthcare and government.

## LEARNING OUTCOMES

- Comprehending the conceptual and methodological foundations of machine learning with big data;
- Understanding current data-oriented issues in public service and industry at large;
- Acquiring the ability to identify, formulate and tackle data-related problems from industry.

## ADMISSION REQUIREMENTS

- Bachelor (Hons) degree or 4-year Bachelor's degree in a quantitative discipline (e.g. mathematics, physics, statistics, computer science, engineering);
- Applicants whose medium of university instruction is not English: minimum TOEFL score of 580 (paper-based) or 85 (internet-based) or a minimum IELTS score of 6.0;
- Admission is on a competitive basis.

## COURSE SNAPSHOT

- Full time and Part time
- 40 Modular Credits comprising of five core and five elective modules
- Candidature: 1-2 years (Full time);  
2-4 years (Part time)
- Tuition: SGD 45,000 (before GST)

## To APPLY

- Visit <http://www.math.nus.edu.sg> under "Graduates" for details
- Online via NUS Graduate Admission System:  
<https://inetapps.nus.edu.sg/GDA2/Home.aspx>  
or scan the QR code



- Application is open from 1 December.
- Deadline: 15 March.