

MSc in

Data Science and Machine Learning (DSML)

**August 2027 Intake
Application Period**

Early Admission: 16 May 2026 to 15 July 2026
Regular Admission : 1 October 2026 to 31 January 2027

The NUS Department of Mathematics is ranked 1st among Asian universities and among the top worldwide in the QS World University Rankings by Subject. It offers diverse and vibrant graduate programmes in mathematical sciences, with faculty research spanning all major areas of contemporary mathematics.

The Master of Science in Data Science and Machine Learning (DSML) is an interdisciplinary programme designed to develop future leaders in data science and artificial intelligence. Its curriculum integrates core disciplines such as computer science, mathematics, and statistics, together with specialised training in machine learning and artificial intelligence.



CAREER OPPORTUNITIES

The programme equips students with cutting-edge machine learning and data science skills, preparing them for diverse opportunities in today's fast-evolving industries. Graduates will be well-prepared for careers such as data scientist, machine learning engineer, AI specialist, data analyst, business intelligence developer, etc. Additionally, the programme provides a strong foundation for those interested in pursuing advanced studies in AI, machine learning, and data science.



CURRICULUM & CANDIDATURE

The programme admits one intake annually in August. It is offered as a full-time (1 to 2 years) or part-time (2 to 4 years) programme. To graduate, students must read and pass five core courses and five elective courses from the approved course list within the stated minimum and maximum candidature periods.

PROGRAMME FEES

SGD 58,860 (inclusive of 9% GST)



ADMISSION REQUIREMENTS

- A Bachelor's (Honours) degree or a 4-year Bachelor's degree or its equivalent in a quantitative science (e.g. Mathematics, Statistics and Physics), Engineering or Computing Science
- A candidate whose medium of undergraduate instruction is not English is required to submit TOEFL (with the minimum score of 4.5 or 85 for the internet-based test) or IELTS (with the minimum score of 6.0)

TESTIMONIALS

"Transitioning from software engineering, the DSML programme provided the rigorous mathematical foundation needed to deeply understand core ML algorithms. Driven by my interest in LLM, courses in Deep Learning and NLP laid a crucial groundwork for me to truly comprehend modern LLM architectures and foundational concepts like convolutions and transformers."

- **XU Weihao** (Current Student)



"This programme gave me a strong technical foundation in machine learning while training me to apply AI to real-world problems. It helped me bridge technology, product thinking, and community building, which has been instrumental in my journey building AI products and initiatives in the AI ecosystem."

- **YU Jiayuan**, (2025 Alum), AI Product Manager @ Mozat and Co-founder of CSAIA

