Bachelor of Mathematical Sciences

Crunch the numbers that matter with a degree in mathematics and statistics. Our applied courses will prepare you to unearth meaningful insights from complex numerical information — a skillset that's in demand across countless industries.

Mathematics sits at the foundation of everyday life. The Bachelor of Mathematical Sciences prepares students to harness the power of mathematics to drive quantifiable change in the wider world. More than just a theoretical degree, it equips students with in-demand skills that are highly sought after not only in fields traditionally aligned with mathematics but in contemporary industries seeking insights from increasingly complex numerical information.

Course aims

Students graduate with high-level skills in mathematics, statistics and data science to match growing workforce demand for professionals who can manipulate and analyse data.

Major options

Students can choose from one of two major options.

Statistics and data science: Complete 84 credit points of core subjects and 36 credit points of subjects from the statsitstics and data science major. Students also have 24 credit points of electives to study other areas of interest.

Pure and applied mathematics: Complete 84 credit points of core subjects and 36 credit points of subjects from the pure and applied mathematics major. Students also have 24 credit points of electives to study other areas of interest.

Key information

Two major options
Statistics and data science
Pure and applied mathematics

2022 selection rank   92.40

Location   City campus
Duration   3 years (full time)
6 years (part time)

UAC code   607081

Combine this degree with
International Studies

Course program
Find typical course programs for the Bachelor of Mathematical Sciences and learn more about the units of study that make up this degree.

🔗 handbook.uts.edu.au/courses/c10457

Careers

Career options include business analyst, data analyst, data scientist, financial analyst, market analyst, mathematical modeller, programmer in diverse industries including the financial sector, marketing, non-profit, and government at local, state and federal levels, quantitative analyst (finance), statistician.

Course features

Scientist's toolkit

Complete a series of common core subjects that underpin all undergraduate UTS Science degrees. Data, Design and Decisions and Scientific Perspectives for Global Issues are designed to equip students with a toolkit of technical and workplace skills, preparing them to thrive both at and after uni.

Internships

Students studying this course have an opportunity to undertake an internship subject and receive academic credit for their placement off campus (an external business or research institute) or on campus (UTS research institutes or departments), in a capacity relevant to their academic studies.

Transdisciplinary and Innovation at UTS

All UTS students have the opportunity to develop distinctive capabilities around transdisciplinary thinking and innovation through the TD School. Transdisciplinary education at UTS brings together great minds from different disciplines to explore ideas that improve the way we live and work in the world. These offerings are unique to UTS and directly translate to many existing and emerging roles and careers.

Other courses

Other UTS Science courses you might be interested in:

Bachelor of Science (Flexible)

Bachelor of Science (Mathematics)

Bachelor of Science (Physics)

Contact us
Tel: 1300 ASK UTS (1300 275 887)
🔗 ask.uts.edu.au

Find out more about the Bachelor of Mathematical Sciences