

Eolaíochtaí Matamaiticiúla Mathematical Sciences

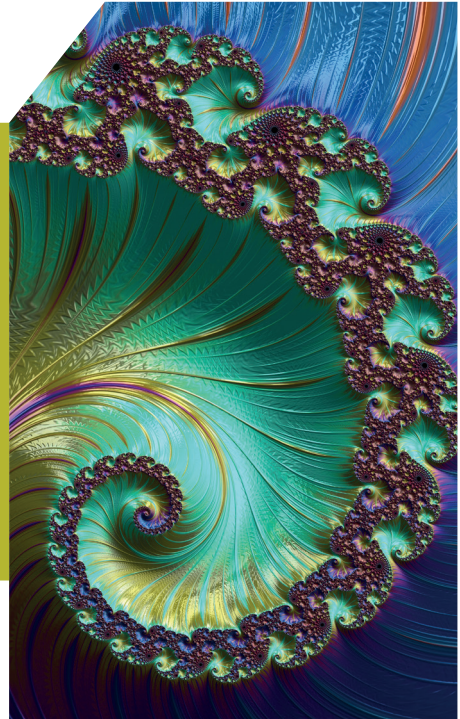
Bachelor of Science (Honours)
Level 8

TU874

Mathematics is central to a modern technological world. Mathematician and Statistician are repeatedly rated as one of the top jobs by Careercast.com with excellent growth, salaries and job satisfaction. Mathematical Sciences is therefore a qualification that is in very high demand and uniquely relevant to modern careers and technologies.

Who is it for? Anyone who enjoys problem solving can study mathematics and our students come from a wide variety of backgrounds. Our programmes develop the knowledge, skills and understanding required to solve complex problems and to apply analytic techniques to practical situations. Mathematical Sciences graduates have highly transferrable skills, sought after in all business sectors. Our graduates are critical thinkers and career ready, making Mathematical Sciences an extremely flexible qualification and an excellent degree choice.

What will I study? The programme is a four-year honours degree and develops a deep understanding of mathematics (including financial mathematics), statistics and optimisation. It includes practical mathematical modelling classes, group work and incorporates software laboratories. Students meet real-world case studies, statistical and data analysis, and, in the third year, a work placement in one of our partner companies.



What careers can graduates join?

Researcher, Mathematician, Financial Analyst, Statistician, Meteorologist, Data Scientist, and Risk Management Consultant. High-level mathematical and statistical training are also required in: financial services, industrial research & development, medical statistics, software development, systems analysis, telecommunications, meteorology, environmental control & defence, economic & social research and almost every other modern sector.

Why study at TU Dublin? We are the first Technological University in Ireland and, being one of the biggest universities, offer an all-round student experience. Lecturers are friendly and experienced. Mathematical Sciences is part of the state-of-the-art Grangegorman development – a new, purpose-built campus, in the heart of Dublin, with 21st-century facilities.

“The thing I enjoy the most is problem solving & mathematics is all about problem solving. The course was stimulating, engaging & challenging.”

Olaa, Collections Analyst, 2015 Graduate (DT205)

How do I apply?

Applications are via the CAO.

Other information:

Undergraduate programmes in the School also include BSc (Hons) Industrial Mathematics. A variety of postgraduate opportunities exists for graduates.

Contact:

~ maths.admin@tudublin.ie
~ tudublin.ie



“My work placement was a valuable springboard into a long & varied career in analytics. The course was fantastic because it gave me such a broad baseline in mathematics, which opened so many different doors & career paths to me.”

Alan, Analytics & Statistical Modelling Lead, 2010 graduate (DT205).