Postgraduate Opportunities
2021

Mathematics
Top 50

We’re consistently ranked one of the top 50 universities in the world. We’re 20th in the 2021 QS World University Rankings.

19th

We’re ranked 19th in the world’s most international universities. Since 2010, we have taught students from 160 countries.

4th

We’re ranked fourth in the UK for research power, based on the 2014 Research Excellence Framework.

Top 100

We’re ranked in the top 10 in the UK and in the top 100 in the world for the employability of our graduates.

7th

Edinburgh is ranked the seventh best student city in Europe and 15th in the world.

19

There are 19 Nobel Prize winners who are alumni of the University or who have been members of academic staff here.

Online leader

Edinburgh is one of the largest providers of online postgraduate programmes in the UK.

‡ Times Higher Education, The World’s Most International Universities 2020
† Times Higher Education, Overall Ranking of Institutions
§ Times Higher Education, Global Employability University Ranking 2019
* QS Best Student Cities 2019
Open to the world
We’re open to the world today so we can influence the world tomorrow. The University brings people with new ideas and perspectives together in a spirit of interdisciplinary innovation and collaboration. This has already shaped the world in so many ways, from the great thinkers of the Scottish Enlightenment, to the discovery of the Higgs boson particle and the development of a genetically engineered vaccine for Hepatitis B.
Our 21 Schools, across three academic Colleges, embody our approach.
The University of Edinburgh Mathematics Postgraduate Opportunities 2021

Whether you wish to follow a taught masters programme or pursue your own line of investigation, we offer a dynamic academic environment, supported by excellent facilities.

We have an outstanding reputation for mathematics teaching and research. We were judged 'excellent' in the most recent Teaching Quality Assessment. In the Research Excellence Framework (REF) 2014 we had 85 per cent of our research in mathematical sciences rated either 4* world leading or 3* internationally excellent.

Rich heritage
The School boasts a rich heritage in pioneering mathematics. Our base, the James Clerk Maxwell Building, is named after one of the most celebrated mathematicians to study at the University. The 19th-century scientist is most famous for developing classical electromagnetic theory.

Leaders in their fields
Our status as one of the most prestigious schools in the UK for mathematics attracts highly respected staff. Many of our 95 current academics are leaders in their fields and have been recognised with international awards.

The School is home to two Fellows of the Royal Society, 14 Fellows of the Royal Society of Edinburgh and seven Philip Leverhulme Prize or Fellowship holders. Recent prize recipients include Agata Smoktunowicz (European Mathematical Society Prize), Clark Barwick (London Mathematical Society Berwick Prize) and Nick Sheridan (London Mathematical Society Whitehead Prize).

About the School of Mathematics
By joining the University of Edinburgh’s School of Mathematics, you’ll follow in the footsteps of mathematical pioneers and study alongside some of the most exciting minds working in the field today.
Our community

We are a vibrant community of more than 95 academic and related staff supervising 150 research students, and many more MSc students. While you will be immersed in academic discourse at the highest level, we also offer plenty of opportunities to make new connections, through a full calendar of social events.

You’ll have the chance to meet people through the daily bustle of the MSc Hub common room, subject-specific clubs, the weekly postgraduate colloquium – where students give talks and share cake – and at many annual events, including a residential excursion to Firbush Point on the banks of Loch Tay in Perthshire, where everything from cycling to canoeing is on offer.

There are opportunities to get involved with our new blog Blogarithms, which is written for the School by our students. We also have a talented team of staff and students working on a busy calendar of outreach activities, including the annual Edinburgh International Science Festival. They demonstrate to the wider community that maths is a beautiful, elegant and creative subject, which underpins a huge amount of modern society.

Graduate School
For research students, our Graduate School offers a busy schedule of activities ranging from formal seminars to social events. The Graduate School runs its own website and YouTube channel, which features self-produced videos of lectures.

Share your work with the world
Researchers are encouraged to travel and participate in conferences and seminars. You’ll also be in the right place in Edinburgh to meet distinguished researchers – from all over the world – who are attracted to conferences held at the School, and the various collaborative centres based here. You’ll find opportunities for networking that could have far-reaching effects on your career in mathematics.
Employability and graduate attributes

While your research will build your knowledge and skills in your chosen field, throughout your programme you’ll also gain expertise and confidence in a number of related areas, such as public speaking, presentation and written communication.

For taught postgraduates, the IAD provides a popular study-related and transferable skills support programme. It is designed to help you settle into postgraduate life, succeed during your studies and move confidently to the next stage of your career. It offers on-campus and online workshops and one-to-one study skills consultations, as well as online advice and learning resources in the Study Hub (www.ed.ac.uk/idad/studyhub). The programme and learning resources cover key study skills tailored to different academic stages, including prearrival sessions; getting started with your studies; critical reading, writing and thinking; managing your exams; and planning for and writing up your dissertation.

IAD also provides a comprehensive programme of transferable-skills training, resources and support for researchers completing a doctorate. The programme consists of workshops that are designed to help you successfully prepare for the various milestones of your PhD, from getting started with your research, to writing up and preparing for the viva, as well as developing personal and professional skills that can be transferred to your future employment.

Workshops cover topics such as writing skills, reference management tools, statistics, preparing for conferences, delivering presentations, time and project management, and personal development. IAD also offers online resources and planning tools to help get your research started, as well as support for tutoring and demonstrating, and public engagement and communication.

Careers Service
Our Careers Service plays an essential part in your wider student experience at the University, offering a range of tailored careers and personal development guidance and support. We support you to recognise the wealth of possibilities ahead, while at university and after graduation, helping you explore new avenues, tap into your talents and build your employability with confidence and enthusiasm.

From exploring career options to making decisions, from CV writing to interview practice, from Employ.ed internships to graduate posts and from careers fairs to postgraduate alumni events, we will help you prepare for the future.

We sustain and continually develop links with employers from all industries and employment sectors, from the world’s top recruiters to small enterprises based here in Edinburgh. Our employer team provides a programme of opportunities for you to meet employers on campus and virtually, and advertises a wide range of part-time and graduate jobs.

More information: www.ed.ac.uk/careers/postgrad

Platform One
We provide opportunities for students to draw on the knowledge and experience of our worldwide alumni network through lectures, workshops and panel discussions, and online via Platform One. This supportive environment allows students, alumni, staff and volunteers to gather to share their knowledge and experiences and discuss ideas, plans and possibilities.

More information: www.ed.ac.uk/platform-one

Open to new ideas
If you consider yourself something of an entrepreneur, you’ll be interested to know that Edinburgh is an entrepreneurial city, home to two of the UK’s $1 billion-valued unicorn companies. We boast one of the most entrepreneurial student bodies in the UK and have helped students launch nearly 100 startups in the last two years. One in five of those startups was a social enterprise. Edinburgh Innovations, the University’s commercialisation service, offers free support to student entrepreneurs including one-to-one business advice and a range of workshops, bootcamps, competitions and networking events. Successful recent clients include Orfeas Boteas, creator of the Dehumaniser sound effects software used by Hollywood movies and blockbuster video games; Douglas Martin, whose company MiAlgae aims to revolutionise the global aquaculture and pet food industries; and Aayush Goyal and Karis Gill, whose gift box enterprise Social Stories Club brings ethical products to a wider market: www.ed.ac.uk/edinburgh-innovations/for-students

Institute for Academic Development
All postgraduate students can benefit from our Institute for Academic Development (IAD), which provides information, events and courses to develop the skills you will need throughout your studies and in the future. IAD events also offer the perfect opportunity to meet and network with other postgraduates from across the University.

Further information is available online: www.ed.ac.uk/idad/postgraduates

This personal and professional development, supported by services offered by the School and the University, will give you an edge when applying for academic or commercial roles.

Student Learning Advisor (SLA)
Your SLA is available to help and advise on a range of issues connected to your taught postgraduate studies. They may also contact you if the School has concerns about your progress so we can work together to ensure you achieve your full potential. The SLA is the first person to contact if, for any reason, you are not doing as well as you hoped. In addition to your individual meetings with your Personal Tutor, you will have a number of activities with the SLA as part of our personal development programme. This is designed to support your development and your academic progress, career planning and skills development.

Learn to teach
PhD students are given leadership roles within the School, and you’ll have the opportunity to spend some of your time conducting undergraduate tutorials. We’ll help you with this: the University offers courses in public speaking and other teaching skills, and you’ll be able to draw on the support of your peers and supervisors in research group meetings.

A solid start
For research students, a strong foundation in the fundamentals of your chosen field is essential and in the early part of your studies you’ll be offered taught courses through the Scottish Mathematical Sciences Training Centre, a consortium of seven mathematics departments. You’ll take part in video-conferenced lectures, presented by staff from all participating universities.

Institute for Academic Development
All postgraduate students can benefit from our Institute for Academic Development (IAD), which provides information, events and courses to develop the skills you will need throughout your studies and in the future. IAD events also offer the perfect opportunity to meet and network with other postgraduates from across the University.

Further information is available online: www.ed.ac.uk/idad/postgraduates
Open to the world

Meeting data-intensive modelling challenges

The next generation of modelling experts are enjoying the fruits of a unique collaboration between the University of Edinburgh and Heriot-Watt University.

The EPSRC Centre for Doctoral Training in Mathematical Modelling, Analysis and Computation (MAC-MIGS) provides advanced training in the formulation, analysis and implementation of state-of-the-art mathematical and computational models. Following £6m of funding from the Engineering and Physical Sciences Research Council (EPSRC), the centre is providing 76 PhD students with an intensive four-year training and research programme that will equip them with the skills needed to tackle the challenges of data-intensive modelling.

Mathematical models lie at the heart of the scientific and technological advances that are shaping our world. They are key to the design of new industrial products, for decision making in business and government, and for advancing scientific theories. Recent developments are transforming the capability and reach of mathematical models. The explosion in data, driven by the increase in large-scale scientific experiments, the rapid growth of the web economy, the proliferation of sensors and the widespread use of simulations is bringing new data-driven methods to the fore.

With the growth in computational power and its wide availability through cloud-computing technology, models can be designed to incorporate real-world data, and to tackle ever more complicated problems with direct impact on an increasingly broad range of human activities. MAC-MIGS will train modelling experts who can develop and analyse mathematical models, translate them into efficient computer codes, and communicate the solutions with industry and government.

MAC-MIGS involves collaboration between researchers from both Universities, partnerships with the Edinburgh Parallel Computing Centre, the Scottish Financial Risk Academy, the DataLab and the Alan Turing Institute, as well as the involvement of over 30 industrial and governmental partners.
Supporting vulnerable citizens during the pandemic

Dr Skarleth Carrales is part of a University-wide team developing an innovative tool to support communities in Edinburgh affected by the coronavirus pandemic.

This project is a collaborative effort between the Schools of Mathematics and Informatics, the Business School and IT consultancy Sopra Steria. The tool, called Covid-19 Support Finder, will help vulnerable citizens find the most suitable, practical and emotional support for their needs. This could be Government hardship funds, grants for small businesses and the self-employed or NHS-endorsed helplines for emotional support.

The tool will take the user through several questions to determine their circumstances before directing them as appropriate. It will then ask users to provide feedback and explain if there is not any support available in their specific circumstances.

"The tool is based on an ethical triage approach that puts individuals and their circumstances at the heart of the support decision. The challenge is to provide updated information and available support schemes to avoid conflicting data in one place. This tool provides information that allows individuals to make informed decisions about the most appropriate choices."

Dr Skarleth Carrales

Data-focused response to Covid-19

Four researchers from the School are part of a University-wide team tasked with answering pressing clinical questions to support the emergency response to Covid-19 and to improve the future quality of patient care.

DECOVID – which includes the Alan Turing Institute and two NHS Foundation Trusts among its founders – will analyse electronic health data to deliver solutions on how best to care for patients who have, or are suspected of having, Covid-19. DECOVID also hopes to understand the impact of the pandemic on non-Covid-19 patients.

Researchers will focus on clinically-driven questions and use the electronic health record data provided by the foundation trusts to investigate these questions. Emerging insights that are obtained will be shared with clinical teams across the UK as quickly as possible, helping them to continually improve care for their patients.

Professor Ruth King and Doctors Nicolo Margaritella, Michael Allerhand and Gail Robertson from the School form part of the University analytical team. They are joined by colleagues from the School of Informatics and Institute of Genetics and Molecular Medicine, with expertise spanning statistics, machine learning and medicine.
Quiz maestro claims Mastermind title

Artificial Intelligence and mathematics alumnus Dave McBryan demonstrated his quizzing prowess to be crowned 2020 Mastermind champion.

Dave, who graduated in 1996, is a familiar face on the Edinburgh quiz circuit after hosting numerous trivia nights at pubs across the city. He chose the 'View Askewniverse' films by Kevin Smith as his specialist subject for the final, but admits he was more comfortable answering general knowledge questions than those from his chosen subject.

"A lot of contestants do fret about the general knowledge but for me it was kind of the other way round because general knowledge is what I do," he said. "The thing about the specialist rounds is you never know how deep the questions are going to go. As it turned out, they were not too bad."

Dave triumphed with 23 points but was made to sweat after making some minor mistakes. "It was very nerve-racking. I thought I had not set a big enough target. When I sat down after my questions, I thought the most likely outcome was that I was going to lose by a point or two because I had made a couple of silly errors. I thought 'if I lose by a point or two, I'm going to be regretting those mistakes for years.'"

Tackling data to protect wildlife

A School professor has been awarded a fellowship to develop new statistical methods that will aid the conservation and management of wildlife populations.

Professor Ruth King was awarded the Leverhulme Trust Research Fellowship for Statistical Ecology: Modern Challenges of Quantity and Quality, to develop new analytical techniques to keep pace with the technological advancements in the size and quality of ecological datasets. The Fellowship has allowed her to focus on two key projects. Alongside colleagues from Edinburgh and the University of Valencia, she is developing a new algorithm that can obtain results for large datasets significantly faster. For example, the algorithm has helped Professor King reduce the computational time for a population of 30,000 guillemots from more than one week to just a few hours.

Working with colleagues from Edinburgh and the University of St Andrews, Professor King has also addressed statistical challenges arising from modern wildlife survey methods, to provide more accurate estimates of wild population sizes. The technique has been applied to data on tigers in India and leopards in Bhutan. Reliable estimates of population sizes, particularly endangered animals, are essential for conservation management and assessment.

"The Fellowship has been a great opportunity for me to focus on exploring new research ideas, build collaborations with other researchers and apply the techniques to different ecological datasets."

Professor Ruth King
Thomas Bayes Chair of Statistics
Predicting metastasis from primary tumour size

Experts from the School have created a mathematical model that is used for predicting undetectable secondary tumours in cancer patients.

As cancer grows within an individual there is a risk that cells can spread from the initial tumour to other areas of the body, establishing secondary tumours called metastases. These secondary tumours are typically associated with a poorer prognosis for the individual and can require further treatment and surgeries. Currently, it is not possible to detect early stage metastases using screening techniques.

Dr Tibor Antal and Stefano Avanzini hypothesised that knowing the size of the primary tumour could help predict the chances that undetectable metastases are already present at surgery. To explore this possibility, they developed a mathematical model of a growing tumour that has an increasing chance to initiate metastases by releasing single ‘seed’ cells, and each of these seed cells has a chance to develop into a secondary tumour.

The researchers used their model to estimate the fraction of patients with visible metastasis at surgery, as well as mean relapse times for several different cancer types. They found that, for typical parameter values, these estimates accurately reflected data from clinical studies.

The new model opens the possibility of quantifying the potential dangers of delays in surgery, which are most critical for smaller tumours that are about to start metastasising. Future work could extend the model by incorporating more complex aspects of tumour growth.

"We found a wide range of primary tumour sizes for which there were only invisible metastasis predicted. Incidentally, the resected tumour sizes for real patients often fall into this problematic range. Hence, our model predicts that often no metastases are found at surgery, although invisible ones are already there and will relapse in a few years’ time."

Dr Tibor Antal
Our teaching

Through our taught Master of Science (MSc) degrees and postgraduate diplomas (PgDip), you will develop a valuable combination of communication, interpersonal, mathematical and computing skills which can lead to a career in finance, management, industry or public administration and will provide a good foundation for PhD study.

At the time of printing, our planned taught degrees for 2021 are:

- Computational Applied Mathematics (MSc/PgDip)
- Computational Mathematical Finance (MSc/PgDip)
- Financial Mathematics (MSc) – hosted by Heriot-Watt University
- Financial Modelling & Optimization (MSc/PgDip)
- Operational Research (MSc/PgDip)
- Operational Research with Data Science (MSc)
- Operational Research with Computational Optimization (MSc/PgDip)
- Operational Research with Risk (MSc/PgDip)
- Statistics & Operational Research (MSc)
- Statistics with Data Science (MSc)

Please check our online degree finder for the most up-to-date information available on our taught postgraduate opportunities and to make an application:
www.ed.ac.uk/postgraduate/degrees

See also...

Taught masters degrees in related fields are also offered by the University of Edinburgh Business School, the School of Economics, School of Informatics and the School of Physics & Astronomy.
www.ed.ac.uk/studying/prospectus-request
Facilities and resources

You will enjoy excellent facilities, ranging from one of the world’s major supercomputing hubs to generous library provision for research at the leading level, including the Noreen and Kenneth Murray Library at King’s Buildings.

You will have access to more than 1,400 computers in suites distributed across the University’s sites, many of which are open 24 hours a day. In addition, if you are a research student, you will be provided with your own workspace with desk and desktop computer. In Year 1, our PhD students will share common space within the new Bayes Centre in the Central Area of Edinburgh. This provides an exciting interdisciplinary data science environment with our partners from the Maxwell Graduate School.

Software support
We provide all our mathematics postgraduates with access to software packages such as Maple, Matlab and Mathematica. Research students are allocated parallel computing time on ‘Eddie’ – the Edinburgh Compute and Data Facility. It is also possible to arrange use of the BlueGene/Q supercomputer facility if your research requires it.

In good company
Mathematics is a discipline of high intellect with connections stretching across all the scientific disciplines and beyond, and in Edinburgh you can be certain of thriving in a rich academic setting. Our School is one of the country’s largest mathematics research communities in its own right which includes around 60 active research students. You will also benefit from Edinburgh’s high-level collaborations, both regional and international. These include the International Centre for Mathematical Sciences and our close collaboration with Heriot-Watt University through the Maxwell Institute, which was set up in 2005 following significant funding from the Scottish Funding Council.

Research students will have a primary and secondary supervisor and the opportunity to network with a large and varied peer group. You will be carrying out your research in the company of eminent figures and be exposed to a steady stream of distinguished researchers from all over the world.

“I experienced an egalitarian professor-student relationship and felt that student feedback was considered carefully. A number of external guest lecturers from diverse backgrounds in industry and academia enriched the programme with their expertise.”

Michel Zedler, MSc Operational Research
Research at the School of Mathematics

We undertake research in areas of the mathematical sciences, including pure, applied, statistics, operational research and mathematical physics, and provide a stimulating and inspiring environment in which to develop your research career.

The Maxwell Institute for Mathematical Sciences (established in collaboration with Heriot-Watt University in 2005) represents a partnership of more than 70 staff members at both institutions. The Institute pools research from both universities to offer a research and postgraduate training environment that can attract the best mathematics talent from around the world.

As a new PhD student, you will be part of the Maxwell Institute Graduate School (MIGS). In Year 1, you will share a common space with PhD students from Heriot-Watt and our joint MAC-MIGS CDT within the new Bayes Centre in the Central Area. The Bayes Centre provides an exciting interdisciplinary environment and hosts the International Centre for Mathematical Sciences (ICMS).

This rich environment includes a lively seminar programme, encompassing all areas of mathematics, operational research and statistics: www.maxwell.ac.uk

Since 2018 we have offered a unique PhD experience under the umbrella of the Maxwell Graduate School. High quality academic training, in the form of courses and seminar series, is offered jointly. All our PhD students receive training in transferable skills in one of three streams, based on your preference – teaching, outreach or industry. There is a separate application process for each institution and you will be awarded your degree from the institution where you have applied. If you are interested in any of the University of Edinburgh’s research areas listed here, please apply online through our Degree Finder:

- algebra;
- computational mathematics;
- geometry and topology;
- mathematical analysis;
- mathematics education;
- mathematical physics;
- operational research and optimization;
- partial differential equations (PDEs);
- probability and stochastic analysis; and
- statistics.

MAC-MIGS
MIGS runs the Centre for Doctoral Training in Mathematical Modelling, Analysis & Computation (MAC-MIGS), a prestigious Engineering and Physical Sciences Research Council (EPSRC)-funded PhD programme which offers outstanding prospects if you are interested in the formulation, analysis and implementation of state-of-the-art mathematical and computational models. This fully-funded four-year training and research programme will equip you with the skills needed to tackle the challenges of data-intensive modelling and take up leadership roles in industry, academia and government. You will have opportunities for multidisciplinary collaboration with chemists, physicists, biologists, engineers and computer scientists, interaction with more than 30 industrial and governmental partners, and visits to and from international collaborators around the world. MAC-MIGS offers up to 15 fully-funded places each year.

A number of additional industry-driven PhD projects will also be available, which you will be able to select when applying. For the MAC-MIGS integrated programme in Mathematical Modelling, Analysis & Computation, see: www.mac-migs.ac.uk

ICMS
This research institute works to develop mathematical sciences in new directions, supports and develops mathematics that is relevant and in demand from other sciences, industry and commerce, and fosters collaboration between mathematics departments across Scotland.

Research opportunities
At the time of printing, our planned postgraduate research opportunities for 2021 are:

- Algebra (PhD)
- Analysis (MScR)
- Applied & Computational Mathematics (PhD)
- Geometry & Topology (PhD)
- Mathematical Modelling, Analysis and Computation (PhD)
- Mathematical Physics (PhD)
- Mathematics Education (PhD)
- Optimization & Operational Research (PhD)
- Probability & Stochastic Analysis (PhD)
- Statistics (PhD)

Please check our online degree finder for the most up-to-date information available on our postgraduate research opportunities and to make an application.

Research degree index:
www.ed.ac.uk/studying/postgraduate/degrees/research

PhD research projects:
www.ed.ac.uk/studying/phd-research-projects

Advice on finding a research supervisor:
www.ed.ac.uk/studying/postgraduate/research

See also...
You may find your preferred research area in the prospectus of another School within the University, in particular the University of Edinburgh Business School or the Schools of GeoSciences, Informatics or Physics & Astronomy.
www.ed.ac.uk/studying/prospectus-request
The University of Edinburgh Mathematics Postgraduate Opportunities 2021
A large number of scholarships, loans and other funding schemes are available for your postgraduate studies. It is only possible to show a small selection in print. To see the full range, please visit: www.ed.ac.uk/student-funding/postgraduate

Awards are offered by the School of Mathematics, the College of Science & Engineering, the University of Edinburgh, the Scottish, UK and international governments and many funding bodies. Some of these offer our PhD students financial support for three and a half years, and MAC-MIGS does so for four years, to cover both the training and PhD writing periods.

Here we list a selection of potential sources of financial support for postgraduate students applying to the School of Mathematics. This list was correct at the time of printing but please check the full and up-to-date range online (see above) and because new funding sources can become available please do keep checking back. The School aims to help find scholarships covering tuition and living expenses for all our PhD students.

University of Edinburgh Alumni Scholarships
We offer a 10 per cent scholarship towards postgraduate fees to all alumni who graduated from the University as an undergraduate, and to all students who spent at least one semester studying at the University on a visiting programme: www.ed.ac.uk/student-funding/alumni-scholarships

Scholarships at the University of Edinburgh

• China Scholarships Council/University of Edinburgh Scholarships (China)
  A number of scholarships for PhD study to candidates who are citizens and residents of China. Participating schools to be confirmed: www.ed.ac.uk/student-funding/china-council

• EPSRC, MAC-MIGS and School of Mathematics Studentships
  All PhD applications will be considered automatically for School of Mathematics studentships. All UK PhD applicants will also be considered automatically for EPSRC DTG funding: edin.ac/maths-pg-funding

All students with interests in mathematical modelling, analysis and computation are encouraged to consider the MAC-MIGS programme which benefits from its own funding and offers 15 fully funded places a year: www.mac-migs.ac.uk

• Principal’s Career Development PhD Scholarships
  These prestigious scholarships give access to any applicant from around the world to undertake discipline training and additional skills development. Students are encouraged to engage with entrepreneurial training, teaching, outreach and industrial engagement. Each award covers the tuition fee and full stipend: www.ed.ac.uk/student-funding/development

• School of Mathematics MSc funding
  Full and partial School funding of tuition fees and contributions to living expenses is awarded on merit. Select programme from: msc.maths.ed.ac.uk

Research council awards
Research councils offer awards to eligible masters and PhD students in most of the Schools within the University of Edinburgh. All studentships applications from the research councils must be made through the University, through your School or College office. Please check the eligibility criteria for each opportunity online: www.ed.ac.uk/student-funding/research-councils

Loans available for study at the University of Edinburgh
The University of Edinburgh is a participating institution in the following loans programmes, meaning we certify your student status and can help with the application process.

• The Canada Student Loans Program
  The University is eligible to certify Canadian student loan applications: www.ed.ac.uk/student-funding/canadian-loans

• Postgraduate Doctoral Loans England
  Student Finance England offers postgraduate loans for doctoral study, payable to eligible students and divided equally across each year of the doctoral programme: www.gov.uk/postgraduate-loan

• Postgraduate Doctoral Loans Wales
  Student Finance Wales offers loans for postgraduate doctoral study, payable to eligible students, divided equally across each year of the doctoral programme: www.studentfinancewales.co.uk/postgraduate-students/postgraduate-doctoral-loan

• Postgraduate Loans (PGL) England
  Student Finance England offers postgraduate loans for taught and research masters programmes, payable to eligible students: www.gov.uk/postgraduate-loan

• Postgraduate Loans (PGL) Northern Ireland
  Student Finance Northern Ireland offers eligible students a tuition fee loan for taught and research programmes, at certificate, diploma, and masters level, which will be paid directly to the University: www.studentfinanceni.co.uk

• Postgraduate Loans (SAAS)
  The Student Awards Agency Scotland offers eligible students tuition fee loans for taught and research programmes at diploma and masters level, which will be paid directly to the University. Eligible students can also apply for a non-income assessed living cost loan: www.saas.gov.uk
• Postgraduate Master’s Finance Wales
   Student Finance Wales offers eligible students postgraduate finance for taught and research masters programmes: www.studentfinancewales.co.uk

• US Student Loans
   The University is eligible to certify loan applications for US loan students. Full details on eligibility and how to apply can be found online: www.ed.ac.uk/student-funding/us-loans

Other sources of funding
The following are examples of the many scholarships and support schemes available to students from particular countries who meet certain eligibility criteria.

• Chevening Scholarships
   A number of partial and full funding scholarships are available to one-year masters students: www.chevening.org

• Commonwealth Scholarships
   Scholarships available to students who are resident in any Commonwealth country, other than the UK: www.dfid.gov.uk/cscuk

• Marshall Scholarships (USA)
   Scholarships available to outstanding US students wishing to study at any UK university for at least two years: www.marshallscholarship.org

“The Scottish Government’s initiative to attract international students through the Saltire Scholarship Scheme, as well as the University of Edinburgh’s help and support for international students, has helped provide me with an opportunity that I would never have conceived of prior to starting my studies at Edinburgh.”

Robert Starr, MSc High Performance Computing, Scotland’s Saltire Scholarship
Where we are

The School of Mathematics is situated in the James Clerk Maxwell Building at the University’s King’s Buildings campus, which is about two miles south of the city centre and well served by buses.

Detailed maps can be found at: www.ed.ac.uk/maps
What’s next?

Contact us
For more information on our taught MSc degrees, please email:

- **Computational Applied Mathematics**
  cammsc@ed.ac.uk
- **Computational Mathematical Finance**
  cmfmsc@ed.ac.uk
- **Financial Mathematics**
  macspgenquiries@hw.ac.uk
- **Financial Modelling & Optimization**
  fmomsc@ed.ac.uk
- **Operational Research**
  ormsc@ed.ac.uk
- **Statistics & OR/with Data Science**
  statsmsc@ed.ac.uk

For more information about the application and admissions process for taught MSc degrees, contact:

- **College of Science & Engineering**
  Recruitment and Admissions Team
  Tel: +44 (0)131 650 5737
  www.ed.ac.uk/science-engineering/
  contact/ug-pgt-enquiries

For more information on postgraduate research, contact:

- **Graduate School Administrator**
  Tel +44 (0)131 650 5085
  Email pgresearch@maths.ed.ac.uk

For MAC-MIGS information, please visit: [www.mac-migs.ac.uk](http://www.mac-migs.ac.uk)

Visit us
We offer many opportunities for you to join us in Edinburgh and find out more about the University – including Online Information Sessions to access from the comfort of your own home and Open Days you can attend in person or online. Find out what event we’re hosting next:

[www.ed.ac.uk/visit/open-days](http://www.ed.ac.uk/visit/open-days)

Virtual Visit
Can’t visit Edinburgh in person? Our Virtual Visit allows you to virtually explore the University and the city. View a range of videos, 360° photos and image galleries to find out what it is like to live and study here: [www.virtual-visit.ed.ac.uk](http://www.virtual-visit.ed.ac.uk)

Chat online
Wherever you are in the world, we offer you opportunities to get in touch and speak directly to us about studying here.

We offer all postgraduate students online information sessions. To find out more and see when the next session will be:

[www.ed.ac.uk/postgraduate/online-events](http://www.ed.ac.uk/postgraduate/online-events)

Our visits to you
If you are unable to visit the University, we attend events worldwide whenever possible during the year. Find out about your next opportunity to speak to us in person:

[www.ed.ac.uk/postgraduate/meet-us](http://www.ed.ac.uk/postgraduate/meet-us)
We know these are uncertain times but at the University of Edinburgh your safety is our priority. We hope to welcome you on campus and are committed to ensuring you’re taught as safely as possible during the pandemic. To find out about the steps we’re taking, in line with Scottish Government guidance, visit: [www.ed.ac.uk/news/covid-19](http://www.ed.ac.uk/news/covid-19)

“I experienced an egalitarian professor-student relationship and felt that student feedback was considered carefully. A number of external guest lecturers from diverse backgrounds in industry and academia enriched the programme with their expertise.”

Michel Zelder
MSc Operational Research