YOUR 2019/2020

MATHEMATICS AND STATISTICS





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Dream of furthering your knowledge and understanding of the powerful and fascinating world of mathematics or statistics? Believe you can unlock your potential and develop your analytical and

ACHIEVE YOUR GOALS WITH THE OPEN UNIVERSITY

We're pioneers in distance learning and, since we were founded, have helped more than two million people realise their potential. Our unique approach to learning means you don't have to put your life on hold to get the qualification you want.

WE WILL:

- help you get a qualification to suit you and your goals
- provide you with the teaching and learning resources you'll need
- offer a flexible learning experience based around you and your life
- use technology and teaching methods that enhance your study experience
- be there to support you every step of the way.

YOU CAN EXPECT:

 materials that are designed with you in mind

problem-solving skills? Let us help you to

succeed and be proud of your achievements.

- continuous innovation we've been leading the way in distance learning for 50 years, ensuring education is accessible, whatever your circumstances
- access to world-class resources, whenever you need them
- qualifications that are respected by employers the world over.

of FTSE 100 companies have sponsored employees on OU courses

FIVE REASONS WHY YOU SHOULD CHOOSE US

1.

We're open to you we make learning available to all, regardless of background, age or additional learning needs.

2

You can study around your existing commitments - we're experts in helping people fit their studies around their busy lives. We guarantee outstanding value and a high-quality education at a competitive price.

4.

We've designed our qualifications to enable you to put what you learn into practice immediately. 5.

You get more than a highly respected qualification; you'll be able to show you're dedicated and committed - skills that are valued in the workplace.

WHAT YOU NEED TO GET STARTED

Where you start in life shouldn't limit where you go. If you're determined to succeed and prepared to work hard then we can help you get started.

It's easy to begin studying with us. The next few pages will tell you more about how studying with The Open University works, the courses we offer, how you pay, and how long your qualification will take.

YOU CAN DO IT

The main reason we're called The Open University is that we're open to everyone. Every year, we help thousands of people achieve extraordinary things.

- There are no formal academic entry requirements at undergraduate level.
- We helped around 22,000 students with disabilities and additional needs last year alone.
- Our students are diverse.
 30% of new undergraduate students are under 25 and our oldest students are in their nineties.

WHAT YOU NEED

There are just a couple of things that you'll need to be able to study with us.

- A computer with internet access. But don't worry if you haven't got access to one right now - you could receive help to buy a computer.
- A good grasp of the English language. Our courses are taught in English, so if you're unsure whether your English is at the right level, go to openuniversity.co.uk/ englishlanguage for help and guidance.

HAVE YOU STUDIED BEFORE?

If you've studied at higher education level before, it might count towards your OU qualification, cutting down the modules you'll need to study as well as saving you time and money.

If you tell us what you've done, we'll do the rest.

Go to openuniversity.co.uk/credit-transfer.

WHAT YOU CAN STUDY

We offer over 200 highly respected qualifications. Decide which type of qualification is best for you.

UNDERGRADUATE

- A degree in a named subject Complete modules in a particular subject to earn an honours degree.
- An Open degree
 Design an honours degree
 from across a number
 of subjects to meet your
 own needs and interests.
- Diploma of higher education
 Expand your knowledge
 and improve your skillset.
 A diploma of higher education
 is equivalent to two-thirds
 of an honours degree.
- Certificate of higher education Get a general grounding in a subject. A certificate of higher education is equivalent to one-third of an honours degree.

POSTGRADUATE

- Masters degree
 Study modules towards an internationally respected qualification while gaining specialist academic, professional or technical skills.
- Postgraduate diploma
 Work towards a widely
 recognised qualification.
 A postgraduate diploma
 is equivalent to two-thirds
 of a masters degree.
- Postgraduate certificate The first step towards a masters degree and a valuable qualification in its own right. Ideal for professional and career development.

Whatever you choose, we'll give you:

- the flexibility to fit study around your other commitments
- the opportunity to improve your career
- freedom to follow your passions in depth.

To find out more about how you **BUILD YOUR QUALIFICATION** and how long it takes, see pages 12-15



LEARN IN A WAY THAT SUITS YOU

You'll have the flexibility to fit study around the other things going on in your life, whatever they may be.

SUPPORTED OPEN LEARNING

We've designed our learning experience to combine flexibility and regular contact, ensuring you get the help you need to learn in the best possible way. You'll get regular support from tutors and access to all the materials and resources essential to your course.

You'll also have access to a student support team who will be there to help you on your learning journey.

HOW YOU WILL BE ASSESSED

You could be assessed in a number of different ways. We use a combination of written assignments, oral or practical assessments, projects, examinations, dissertations and portfolios.

PIONEERING TECHNOLOGY

We've been using innovative technology to connect with our students since we first started. We'll make sure that you always have what you need and feel connected.

CONNECT WITH OTHER STUDENTS

You can use our module discussion groups to talk about subjects, course work or study methods.

You can also connect with us on social media, or join one of the many informal Facebook groups set up by students.

STUDENTS ASSOCIATION

You'll gain automatic entry to our active students association when you register – you can help influence University decisions, meet fellow students and develop new skills.

Find out more at **openuniversity.co.uk/ousa**.

Or join the conversation on Facebook.com/OUstudents Twitter.com/OUstudents Instagram.com/OUstudentslive

DO YOU HAVE ADDITIONAL STUDY NEEDS?

We're committed to helping students with disabilities and additional needs. We'll give you the tools to help overcome obstacles that could stand in the way of your learning – whatever your needs may be.

DISABLED STUDENTS' ALLOWANCE (DSA) -UK STUDENTS ONLY

A DSA can help you with study costs that result directly from your disability or specific learning difficulty. They're not means-tested and can go towards specialist equipment (such as an adapted computer), non-medical study support (e.g. a dyslexia support worker) or other related expenses. You can also apply for help with study-related travel costs that result directly from your disability.

For more information, go to **openuniversity.co.uk/disability** or call us on **0300 303 5303**.

WHAT'S IT LIKE TO STUDY WITH THE OPEN UNIVERSITY?

To find out more about the OU study experience and how we'll support you throughout your studies, go to **openuniversity.co.uk/learning**.



WELCOME TO MATHEMATICS AND STATISTICS

A CALCULATED CAREER MOVE

We're Europe's largest provider of university-level education in mathematics and statistics, subjects that are inspiring and enjoyable to study. They'll equip you with problem-solving and decision-making skills that will be highly valued across employment sectors. Undergraduates come to us for a solid grounding in the fundamental concepts of mathematics and statistics. Students can develop specialisms in particular aspects of pure mathematics and/or applied mathematics.

WHY STUDY WITH US?

Our School of Mathematics and Statistics teaches well over 15,000 students each year; most students study part-time but others opt for full-time.

Our teaching and research includes a broad range of topics in mathematical sciences, across pure mathematics, applied mathematics, mathematics education, statistics and theoretical physics.

We are world leaders in inclusive, innovative and high-impact teaching and research. Our award-winning faculty staff create nationally recognised teaching content. And in the latest Research Excellence Framework – which assesses British academic institutions – 75% of our research outputs were rated as 'world leading' or 'internationally excellent'.

Gender equality matters to us: we hold an Athena SWAN Bronze award and we're working towards a Silver award. We also support the London Mathematical Society's Good Practice Scheme, advancing women's careers in university mathematical sciences departments.



UNDERGRADUATE

Our undergraduate programme aims to give a solid grounding in the fundamental concepts of mathematics and/or statistics, with options to delve deeper into topics such as chaotic systems, complex analysis or the applications of probability, for example.

Our qualifications range from a Certificate and Diploma of Higher Education in Mathematical Sciences through to BSc (Hons) degrees including Mathematics; Mathematics and Statistics; Mathematics and its Learning; Data Science; and Mathematics and Physics. On most of these qualifications we offer a choice of starting point to match your existing mathematical knowledge, and you can switch between them as your interest in the subject develops.

For those wishing to improve their understanding of data and statistics, we offer a Professional Certificate in Practical Statistics and a more advanced Graduate Certificate in Theoretical Statistics and Probability.



I couldn't do my current job if I hadn't studied with The Open University and passed my degrees. I'm a senior civil servant and the chief statistician for the Department for Work and Pensions. I now have a very successful career; I wouldn't have been able to achieve this without The Open University."

Neil McIvor, BSc (Hons) Mathematics; MSc Mathematics

POSTGRADUATE

We're proud to have the largest MSc in Mathematics student population in the UK.

By studying at this level, you'll deepen your mathematical learning by delving into particular advanced aspects of pure and applied mathematics. Subjects at this level include fractal geometry, coding theory and calculus of variations. The MSc is completed by applying your knowledge to a piece of independent study, and could lead onto a research degree at The Open University.

BEYOND GRADUATION

Mathematics and statistics graduates are highly sought after for their logical and analytical skills, and generally command high salaries. They find employment in a wide range of sectors including business, education, finance, engineering, communications, environment, science, software development, marketing and the Civil Service. Mathematics and statistics graduates play a key role in the technological developments shaping our modern society. For example, climate modelling uses a range of applied mathematical and statistical techniques to investigate important issues affecting the entire planet.

One of the fastest growing areas of employment is statistical exploration and data science. Here mathematics and statistics can help identify trends and significant links in large data sets to help us answer any number of questions about the world we live and work in, and thus inform decision-making and policy in all sectors of society.

The quality of OU materials is excellent and in fact my OU texts are still my starting point if I need a particular branch of maths to solve a problem. You'll find that the OU opens doors for you that you may not be aware of, so go for it; your life will be enriched. Without a doubt, the OU has changed my life."

Dr Penny Lynch, BSc (Hons) Mathematical Sciences



Learn more about our mathematics and statistics qualifications, and register for your chosen course, at **openuniversity.co.uk/** courses.

BOOST YOUR CONFIDENCE WITH AN ACCESS MODULE

If you don't have much experience of universitylevel study or haven't studied in a while, you could benefit from starting your studies with one of our Access modules.

They offer a great introduction to a range of subjects and act as a taster to see if you want to delve deeper. Students who start with an Access module do better on their next module, so it's a great way to start your chosen qualification. You might even qualify to study your Access module for **free**. You don't have to start with an Access module, but you might find it useful if you'd like to:

- improve your confidence
- get a taste of a subject area you're thinking of studying
- brush up on your study skills.

Each module includes a selection of materials, online quizzes, and assignments that you complete over 30 weeks. It takes around nine hours of study each week.

You'll get:

- a personal tutor providing regular feedback with oneto-one telephone tutorials
- further support from a dedicated team throughout your study
- detailed written feedback.

WHAT DO YOU NEED TO BEGIN?

You can start Access modules in February and October.

You'll need:

- access to a phone
- the use of a computer with internet access – you don't need to buy one though, the use of one at a public library will be fine.

WHAT YOU CAN STUDY

The following Access module will prepare you to study at undergraduate level.

Science, technology and maths Access module (Y033)

This module introduces you to a technically oriented range of subjects, including science; engineering and design; environment; mathematics; and computing and IT. As the foundation for further studies in these fields, this is the ideal module to build your confidence and prepare you for further study.

We offer two other Access modules, which are more relevant to other subject areas:

Arts and languages Access module (Y031)

People, work and society Access module (Y032)



DO YOU QUALIFY FOR A FREE ACCESS MODULE?

You can study an Access module for **free** if you:

- live in the UK (excludes Channel Islands and Isle of Man) or have a British Forces Post Office address
- are studying the module to prepare for an OU qualification (this doesn't apply if you live in Scotland)
- have a household income (or, in Scotland, a personal income) of £25,000 or less, or you're receiving qualifying benefits
- have completed no more than one year of a full-time undergraduate programme at FHEQ or CQFW level 4/ SCQF level 7 or above, and not completed 30 credits or more of OU study.

HOW MUCH DOES AN ACCESS MODULE COST?

If you don't qualify to study for free, the cost depends on where you live.

- In England, the Channel Islands and the Isle of Man it's £753.
- In Northern Ireland, Scotland and Wales it's £252.

You can pay up front by debit or credit card, or by bank transfer. Or spread the cost with an Open University Student Budget Account - see page 17 for more information.

If you're studying an Access module in preparation for an OU qualification and you live in England or Wales, you could cover the cost with a student loan – see page 16 for more information. Students who prepare by taking an Access module are more likely to be

SUCCESSFUL in their future studies



NEXT STEPS

Order an Access Modules Prospectus at openuniversity.co.uk/ ug-access or speak to our Student Recruitment team on 0300 303 0069.

HOW YOU BUILD YOUR QUALIFICATION

UNDERGRADUATE STUDENTS

You'll need to build up a set number of credits to gain your qualification. Here's how it works ...

STAGES

- You must complete three stages to gain an honours degree, two stages for a diploma of higher education and one stage for a certificate of higher education.
- To complete each stage, you must build up a set number of credits ...

CREDITS

- You need 120 credits to complete each stage.
- You need a set number of credits to gain your chosen qualification e.g. you need 360 credits to gain an honours degree.
- Most students study 60 credits a year.
- You gain credits by successfully completing **modules** ...

MODULES

- With each module you successfully complete, you'll earn a set number of credits, usually 30 or 60.
- Modules are either compulsory or selected from a choice of options.
- You choose the modules you want to study, year by year.



POSTGRADUATE STUDENTS

You gain a postgraduate qualification by building up a set number of credits ...

CREDITS

You need:

- 60 credits to gain a postgraduate certificate
- 120 credits to gain a postgraduate diploma
- 180 credits to gain a masters degree.

You gain credits by successfully completing **modules** ...

MODULES

- With each module you successfully complete, you'll earn a set number of credits, usually 30 or 60.
- Modules are either compulsory or selected from a choice of options.
- You choose the modules you want to study, year by year.

GETTING STARTED

All you need to do is choose which qualification you want to study and register on a module that counts towards that qualification. You can find out more about the postgraduate qualifications we offer in mathematics from page 42. 60 credits at postgraduate level.

Postgraduate certificate

A further 60 credits at postgraduate level – total **120 credits**.

Postgraduate diploma

A further 60 credits at postgraduate level - total **180 credits**.

Masters degree

HOW LONG YOUR QUALIFICATION WILL TAKE

Exactly how long it will take to get your qualification depends on how many credits you study each year and which qualification you're working towards.

Most of our students study part time. The way we work gives you the flexibility to get the qualification you want in a timeframe that's right for you. Full-time study is equivalent to studying 120 credits per year, but if you're working, we recommend that you don't study more than 60 credits per year.

UNDERGRADUATE QUALIFICATIONS







Some undergraduate qualifications follow a different pattern of study. See individual descriptions for more information.

POSTGRADUATE QUALIFICATIONS



Some postgraduate qualifications follow a different pattern of study. See individual descriptions for more information.



FEES AND FUNDING

We believe cost shouldn't be a barrier to achieving your potential. That's why our tuition fees are among the most competitive in the UK. And we'll always help you find a way of paying that suits your circumstances.

FOR UNDERGRADUATE

You'll pay on a module-by-module basis, rather than for your whole qualification up front. See below to get an idea of costs.

LIVING IN ENGLAN	ID
CREDITS EACH YEAR	COST PER YEAR ¹
30	£1,506
60	£3,012
120	£6,024

¹2019/20 prices; fees normally increase annually in line with inflation and the University's strategic approach to fees.

In England, the cost for a 360-credit honours degree based on today's prices is £18,072.

LIVING IN NORTHERN IRELAND, SCOTLAND OR WALES

CREDITS EACH YEAR	COST PER YEAR ²
30	£504
60	£1,008
120	£2,016

² 2019/20 prices (exceptions apply); fees normally increase annually in line with inflation and the University's strategic approach to fees.

In Northern Ireland, Scotland and Wales, the cost for a typical 360-credit honours degree based on today's prices is £6,048.

FUNDING - ENGLAND AND WALES

If you live in England or Wales, the best way to fund your studies, regardless of age or income, might be with a student loan from Student Finance England or Student Finance Wales. It's the most popular way to pay.

KEY FACTS

- Repayments only start when your salary exceeds the income threshold (currently, £25,725).
- If you're already earning over £25,725, you won't have to pay anything back for up to four years.
- Repayments are deducted automatically from your salary.
- You can pay off the loan early without any penalties.
- Any balance outstanding after 30 years will be written off.

EXAMPLE REPAYMEN	T AMOUNTS
INCOME EACH YEAR BEFORE TAX	MONTHLY REPAYMENT ³
Up to £25,725	£O
£27,000	£9.56
£34,000	£62.06
£49,000	£174.56

³ Repayments are based on what you earn, not what you owe. You'll repay 9% of what you earn over £25,725 (e.g. if you earn £27,000, you'll repay £114.75 that year (9% of £1,275)).

ALREADY HAVE A DEGREE?

You might still qualify for a student loan. You need to be living in England or Wales and looking to study an eligible qualification.

For more information, go to **openuniversity.co.uk/quals**.

MAINTENANCE SUPPORT - WALES

New students in Wales studying part time towards a qualification can apply for maintenance grants, worth up to £4,500, to help with living costs.

FUNDING - NORTHERN IRELAND

If you live in Northern Ireland, you could be eligible for a Part-Time Fee Grant of up to £1,230 to help towards your fees. The amount depends on your household income and the rate at which you study. If you're not eligible or your grant does not cover the full cost of your tuition fees, you can apply for a Part-Time Tuition Fee Loan. See our website for more information or call **028 9032 3722**.

FUNDING - SCOTLAND

If you live in Scotland and your personal income is £25,000 or less, or you're on certain benefits, and you're studying at least 30 credits, you could qualify for a Part-Time Fee Grant and funding to cover 100% of your course fees. It isn't a loan and you won't need to repay it.

STUDY SUPPORT AND DISCRETIONARY FUNDS

You might be eligible for additional means-tested funding for studyrelated costs, such as travel, childcare and internet access.

SELF-FUNDED STUDY

You can pay using a debit or credit card, or by bank transfer. Or spread the cost with an Open University Student Budget Account - see right for more information.

GET SPONSORED

See whether your company or organisation would want to help you learn and develop. It's always worth asking.

FOR POSTGRADUATE

You pay for postgraduate qualifications module by module. Please go to our website to see the fee listed for your qualification.

FUNDING - ENGLAND

If you live in England, you could be eligible for a maintenance loan of up to £10,906 from Student Finance England.

To be eligible you must:

- be under 60 years old
- be resident in England
- be studying a masters degree which can be completed in no more than three years
- not currently have a masters degree or equivalent
- be studying your qualification from the beginning.

KEY FACTS

- Repayments only start when you earn more than the income threshold (currently, £21,000).
- You'll repay 6% of your income over £21,000 - so, if you earn £22,000, you'll repay only £60 that year (6% of £1,000).
- If you already earn over £21,000, you won't need to start repaying your loan until the April after you've graduated or left the course.
- Payments are deducted automatically from your salary.
- Any balance outstanding after 30 years will be written off.

FUNDING - WALES

From September 2019, new postgraduate students can apply for financial support, made up of non-repayable grants and top-up loans, to help with study costs. For the latest information, please see our website or contact us on **029 2047 1170**.

FUNDING - NORTHERN IRELAND AND SCOTLAND

If you live in Northern Ireland or Scotland, you could be eligible for a fee loan of up to £5,500 towards the fees of your qualification from Student Finance Northern Ireland or the Student Awards Agency Scotland.

To be eligible you must be:

- resident in Northern Ireland or Scotland
- studying for an eligible postgraduate qualification.

KEY FACTS

- Repayments only start when you earn more than the income threshold (currently, £18,935 in Northern Ireland and £18,330 in Scotland).
- You'll repay 9% of your income over the threshold – so, for example, if you earn £20,000 and live in Scotland, you'll repay only £150.30 that year (9% of £1,670).
- If you're already earning over the threshold, you won't need to start repaying your loan until the April after you've graduated or left the course.
- Payments are deducted automatically from your salary.

SELF-FUNDED STUDY

You can pay using a debit or credit card, or by bank transfer. Or spread the cost with an Open University Student Budget Account – see right for more information.

GET SPONSORED

See whether your company or organisation would want to help you learn and develop. It's always worth asking.

To find out more about fees and funding, go to openuniversity.co.uk/ug-fees or openuniversity.co.uk/pg-fees

or call an OU adviser on

0300 303 5303.

OPEN UNIVERSITY STUDENT BUDGET ACCOUNTS LTD (OUSBA)

When you enrol with us, you'll be offered the opportunity to pay your fees through a loan from OUSBA.

OUSBA will pay your fees to The Open University, and you repay OUSBA either in a single sum or in monthly instalments.

You may repay OUSBA at any time before the course begins. In this case, there's no interest.

Alternatively, you may repay OUSBA in monthly instalments payable over up to a year. In this case, interest does apply. The interest rate is fixed for the duration of the course (current representative APR of 5.1%).

As a responsible lender, every application made to OUSBA undergoes a credit and affordability check.

Find out more about OUSBA at **openuniversity.co.uk/ousba**.



After suffering a breakdown and being diagnosed with depression, Matt decided to make some changes in his life. He decided to take a different direction and signed up for a diploma with the OU, which then led to a degree and a new job. I was in a middle management role at the Environment Agency when I signed up for a Diploma in Economics with the OU. I wanted a change in career direction and to become an economist. I gave it a lot of thought beforehand and discussed it with friends, family and colleagues as well. My manager agreed to fund my tuition fees, and in return I reduced my working hours to ensure I put in the required time and effort.

Studying was such a refreshing change from work. I was learning new things all the time and challenging myself to think more carefully and in a more structured way. After a year or so I decided to take the plunge and applied to study for a degree. About a year later, there was an opening in the Environment Agency's economics team so I applied – and I got the job! And three years later I got my degree – a 2:1 in Economics and Mathematical Sciences.

I remember being told that becoming a father was the hardest thing I'd ever do, but that it would also be the most rewarding. That is right, but only just. I have had to put my life and relationships back together after my breakdown, and I studied for my degree part-time while working and bringing up two kids. All of that while learning to manage my depression has been tough. But it's been an amazing experience.

Matt Georges, BSc (Hons) Economics and Mathematical Sciences

FIND AN UNDERGRADUATE COURSE

You can register for the 2019/2020 academic year for undergraduate qualifications from 20 March 2019.

We've based the qualification start dates on the first applicable module(s) you can study as part of your qualification.

Modules listed in this prospectus are those that are currently available for study - the exact selection may change over time.

MATHEMATICS AND STATISTICS

Are you ready to study mathematics?	20
BSc (Hons) Mathematics (Q31)	22
BSc (Hons) Mathematics and Statistics (Q36)	24
BSc (Hons) Mathematics and its Learning (Q46)	26
BSc (Hons) Data Science (R38)	28
Professional Certificate in Practical Statistics (S03)	30
Graduate Certificate in Theoretical Statistics and Probability (SO4)	31
OTHER QUALIFICATIONS THAT INCLUDE MATHEMATICS OR STATISTICS	
BSc (Hons) Mathematics and Physics (Q77)	32
BSc (Hons) Computing & IT and Mathematics (Q67)	34
BSc (Hons) Computing & IT and Statistics (Q67)	34
BSc (Hons) Economics and Mathematical Sciences (Q15)	36
COMBINED STEM	
BSc (Hons) Combined STEM (R28)	38
OPEN DEGREE	
BA or BSc (Hons) Open (QD)	40

MATHEMATICS AND STATISTICS

ARE YOU READY TO STUDY MATHEMATICS?

As mathematics is a linear subject, you need a good understanding of the basics before moving onto more advanced topics.

Our Stage 1 curriculum is common to most mathematics and statistics qualifications, and provides the underpinning knowledge and skills you'll need for more advanced study at later stages. You'll choose either the **default start** or the **intensive start**, depending on your experience and confidence with mathematics. The **default start** will suit you if one or more of the following applies:

- You would like a thorough grounding in topics such as algebra and trigonometry
- You haven't previously studied mathematics to an advanced level
- You haven't studied mathematics for some time and need to refresh your skills.

Starting with *Discovering mathematics* (MU123) will give you:

- a broad introduction to university-level study
- the opportunity to improve your skills in mathematical communication and independent learning
- an appreciation of how mathematics pervades aspects of our lives everyday

- a solid foundation in:
 - introductory algebra, geometry and trigonometry
 - mathematical vocabulary and notation
 - mathematical techniques for solving problems
 - interpreting results in real-life contexts
 - simple mathematical arguments
 - explaining mathematical ideas in writing
 - developing skills in learning mathematics
 - describing problems mathematically
 - analysing mathematical reasoning.

On successful completion of *Discovering mathematics* (MU123), you'll be ready to study *Essential mathematics 1* (MST124).

BEFORE YOU REGISTER

Check you're ready for Discovering mathematics (MU123) with a self-assessed quiz: **openuniversity.co.uk/ayr**.

DID YOU SCORE HIGHLY IN THE QUIZ?

The **intensive start** allows you to begin your studies at a faster pace. You'd start instead with *Essential mathematics 1* (MST124), and later study a module of your choice in place of *Discovering mathematics* (MU123).

The **intensive start** will suit you if you're confident about studying mathematics at university level and, in particular, have a good understanding of algebra and trigonometry. Your background might include one or more of the following:

- AS-level in mathematics
- A-level or (Scottish) Higher in mathematics, even if you didn't finish it
- HNC or HND in a relevant subject
- International Baccalaureate Diploma
- confidence and fluency with most of the topics covered in Discovering mathematics (MU123).

Essential mathematics 1 (MST124) will give you:

- experience using powerful mathematical software
- experience of mathematical topics employed in many areas – such as computing, economics, engineering, physics and science – including:
 - applying algebra, number systems and functions to solve problems
 - expressing mathematical ideas, arguments and procedures clearly
 - using vectors and matrices to investigate mathematical structures
 - using calculus to solve a range of problems.

On successful completion of *Essential mathematics 1* (MST124), you'll be ready for the next module in your qualification.

BEFORE YOU REGISTER

Check you're ready for *Essential* mathematics 1 (MST124) with a self-assessed quiz: **openuniversity.co.uk/ready**.



BSc (HONS) MATHEMATICS

This degree will take your understanding of the concepts, theories and applications of mathematics to graduate level, and give you the opportunity to study some statistics, theoretical physics or mathematics education.

You'll cover a wide range of topics and develop a secure understanding of mathematical problems and approaches. You'll get plenty of practice with essential methods and tools; gain an appreciation of the role and construction of rigorous proof in mathematics; increase your familiarity with mathematical software; and build experience of communicating mathematical arguments and conclusions.

There are two starting points: default and intensive. If you're confident about studying mathematics at university level and, in particular, are confident and fluent with algebra and trigonometry, choose the intensive start, which begins at a higher level and at a faster pace.

For more information about the best starting point for you, see pages 20-21 or go to **mathschoices.open.ac.uk**.

WHY CHOOSE THIS QUALIFICATION?

- Offers a wide selection of modules to fit your interests and ambitions.
- Covers a selection of topics in pure and applied mathematics with options in statistics, physics and mathematics education.
- Includes opportunities to develop your experience with mathematical methods and software.
- Offers a choice of start points to suit your level of mathematical knowledge.
- Allows you to transfer to our BSc (Hons) Mathematics and Statistics or BSc (Hons) Mathematics and its Learning, if your aspirations change, even after you've started.

ACCREDITATION

- Institute of Mathematics and its Applications





DIPLOMA OF HIGHER EDUCATION IN MATHEMATICAL SCIENCES (W43) openuniversity.co.uk/w43

CERTIFICATE OF HIGHER EDUCATION IN MATHEMATICAL SCIENCES (T14) openuniversity.co.uk/t14

QUALIFICATION STRUCTURE

You'll choose either:

1. The **default** start

2. The intensive start

The example route shown below is the **DEFAULT** start. The intensive start will differ at Stage 1, see pages 20–21 or go to **openuniversity.co.uk/q31** for details.

EXAMPLE ROUTE

Discovering mathematics (MU123) (30 credits)

Essential mathematics 1 (MST124) (30 credits)

Introducing statistics (M140) (30 credits)

Essential mathematics 2 (MST125) (30 credits)

Pure mathematics (M208) (60 credits)

You'll choose 60 credits from: *Mathematical methods, models and modelling* (MST210) (60 credits) *Mathematical methods* (MST224) (30 credits) *Analysing data* (M248) (30 credits)

You'll choose 120 credits from: Applications of probability (M343) (30 credits) Complex analysis (M337) (30 credits) Deterministic and stochastic dynamics (MS327) (30 credits) Electromagnetism (SMT359) (30 credits) Further pure mathematics (M303) (60 credits) Graphs, networks and design (MT365) (30 credits) Linear statistical modelling (M346) (30 credits) Mathematical methods and fluid mechanics (MST326) (30 credits) Mathematical statistics (M347) (30 credits) Mathematical thinking in schools (ME620) (30 credits) Optimization (M373) (30 credits) The quantum world (SM358) (30 credits)

BSc (HONS) MATHEMATICS

Qualification delivery, module availability and qualification structure are subject to change. $% \label{eq:qualification}$

Compulsory modules
Option modules
Awarded qualification

AT A GLANCE

COURSE CODE	Q31
	360

START DATES

Register by 12 Sep 2019

Feb 2020 Register by 9 Jan 2020

ENTRY REQUIREMENTS

Your mathematical skills must be appropriate to study at this level. Check you're ready and get advice on where to start: mathschoices.open.ac.uk FIND AN UNDERGRADUATE COURSE

ASSESSMENT

Based on a mix of:

- Tutor-marked
- Interactive computermarked assignments
- End-of-module assessments
- Examinations

STUDY DURATION

Part time: 6-7 years Full time: 3-4 years

MODE OF STUDY

The learning materials provided are **mostly print** with some online

Electronic versions of printed materials available (e.g. PDF)	~
Disc-based media (e.g. DVD)	~
Online forum Optional	~
Collaborative work Optional	~



To find out more about this course, fees and funding, and how to register, go to openuniversity.co.uk/q31

or call 0300 303 5303

STAGE 1



BSc (HONS) MATHEMATIC

This degree will provide you with extensive knowledge of probability and statistics, combined with either pure mathematics or applied mathematics.

It will equip you with problemsolving and decision-making tools; give you experience using relevant software packages; and provide practice in conducting and communicating statistical investigations. You'll also develop your understanding of time series analysis, multivariate data analysis, regression analysis, and hypothesis testing; and explore classical and Bayesian approaches to statistics.

There are two starting points: default and intensive. If you're confident about studying mathematics at university level and, in particular, are confident and fluent with algebra and trigonometry, choose the intensive start, which begins at a higher level and at a faster pace.

For more information about the best starting point for you, see pages 20-21 or go to **mathschoices.open.ac.uk**.

WHY CHOOSE THIS QUALIFICATION?

- Builds expertise in analytical approaches, classical and Bayesian statistics, and the underpinning mathematical theory.
- Offers options to focus on either pure or applied mathematics to fit your interests and ambitions.
- Provides experience in conducting and communicating statistical investigations and the use of professional software.
- Offers a choice of start points to suit your level of mathematical knowledge.
- Allows you to transfer to our BSc (Hons) Mathematics or BSc (Hons) Mathematics and its Learning, if your aspirations change, even after you've started.

ACCREDITATION

- Institute of Mathematics and its Applications
- Royal Statistical Society





RELATED QUALIFICATIONS

DIPLOMA OF HIGHER EDUCATION IN MATHEMATICAL SCIENCES (W43) openuniversity.co.uk/w43

CERTIFICATE OF HIGHER EDUCATION IN MATHEMATICAL SCIENCES (T14) openuniversity.co.uk/t14

QUALIFICATION STRUCTURE

You'll choose either:

1. The **default** start

2. The intensive start

The example route shown below is the **DEFAULT** start. The intensive start will differ at Stage 1, see pages 20–21 or go to **openuniversity.co.uk/q36** for details.

EXAMPLE ROUTE

Discovering mathematics (MU123) (30 credits)

Essential mathematics 1 (MST124) (30 credits)

Introducing statistics (M140) (30 credits)

Essential mathematics 2 (MST125) (30 credits)

Analysing data (M248) (30 credits)

Practical modern statistics (M249) (30 credits)

Mathematical methods, models and modelling (MST210) (60 credits) OR Pure mathematics

(M208) (60 credits)

Applications of probability (M343) (30 credits)

Linear statistical modelling (M346) (30 credits)

Mathematical statistics (M347) (30 credits)

You'll choose 30 credits from: *Complex analysis* (M337) (30 credits) *Deterministic and stochastic dynamics* (MS327) (30 credits) *Graphs, networks and design* (MT365) (30 credits) *Mathematical methods and fluid mechanics* (MST326) (30 credits) *Mathematical thinking in schools* (ME620) (30 credits) *Optimization* (M373) (30 credits)

BSc (HONS) MATHEMATICS AND STATISTICS

Qualification delivery, module availability and qualification structure are subject to change.

Compulsory modules
Option modules
Awarded qualification

AT A GLANCE

COURSE	CODE	Q36
COURSE	CODE	Q36

TOTAL CREDITS 360

START DATES

Oct 2019 Register by 12 Sep 2019

Feb 2020 Register by 9 Jan 2020

ENTRY REQUIREMENTS

Your mathematical skills must be appropriate to study at this level. Check you're ready and get advice on where to start: mathschoices.open.ac.uk FIND AN UNDERGRADUATE COURSE

ASSESSMENT

Based on a mix of:

- Tutor-marked
- Interactive computermarked assignments
- End-of-module assessments
- Examinations

STUDY DURATION

Part time: 6-7 years Full time: 3-4 years

MODE OF STUDY

The learning materials provided are **mostly print** with some online

Electronic versions of printed materials available (e.g. PDF)	
Disc-based media (e.g. DVD)	
Online forum Optional	
Collaborative work Optional	



STAGE 2 120 CREDITS



This unique qualification will give you an understanding of how people learn mathematics, and an insight into different teaching approaches.

Designed primarily with teachers – or those interested in mathematics education – in mind, it will develop your knowledge and understanding of the teaching of mathematics and statistics, and broaden your ideas about what it means to learn and use these subjects. You'll also gain a good grounding in mathematics (pure and applied) and statistics – with the opportunity to focus your studies on either discipline as you progress.

There are two starting points: default and intensive. If you're confident about studying mathematics at university level and, in particular, are confident and fluent with algebra and trigonometry, choose the intensive start, which begins at a higher level and at a faster pace.

For more information about the best starting point for you, see pages 20-21 or go to **mathschoices.open.ac.uk**.

WHY CHOOSE THIS QUALIFICATION?

- Gives you an understanding of how we learn mathematics/ statistics and associated different teaching approaches.
- Advances your own knowledge of mathematics with an option to include statistics.
- Develops your educational skills alongside problem-solving and reflective skills.
- Offers a choice of start points to suit your level of mathematical knowledge.
- Allows you to transfer to our BSc (Hons) Mathematics or BSc (Hons) Mathematics and Statistics, if your aspirations change, even after you've started.

ACCREDITATION

- Institute of Mathematics and its Applications





DIPLOMA OF HIGHER EDUCATION IN MATHEMATICAL SCIENCES (W43) openuniversity.co.uk/w43

CERTIFICATE OF HIGHER EDUCATION IN MATHEMATICAL SCIENCES (T14) openuniversity.co.uk/t14

QUALIFICATION STRUCTURE

You'll choose either:

1. The **default** start

2. The intensive start

The example route shown below is the **DEFAULT** start. The intensive start will differ at Stage 1, see pages 20–21 or go to **openuniversity.co.uk/q46** for details.

EXAMPLE ROUTE

Discovering mathematics (MU123) (30 credits)

Essential mathematics 1 (MST124) (30 credits)

Essential mathematics 2

(MST125) (30 credits)

Pure mathematics (M208) (60 credits)

Introducing statistics (M140) (30 credits)

STAGE 1 120 CREDITS

STAGE 2 120 CREDITS

STAGE 3

120 CREDITS

You'll choose 60 credits from: *Mathematical methods, models and modelling* (MST210) (60 credits) *Mathematical methods* (MST224) (30 credits)

Analysing data (M248) (30 credits)

Mathematical thinking in schools (ME620) (30 credits)

You'll choose 60 credits from: Developing algebraic thinking (ME625) (30 credits) Developing geometric thinking (ME627) (30 credits) Developing statistical thinking (ME626) (30 credits)

You'll choose 30 credits from: Applications of probability (M343) (30 credits) Complex analysis (M337) (30 credits) Deterministic and stochastic dynamics (MS327) (30 credits) Graphs, networks and design (MT365) (30 credits) Linear statistical modelling (M346) (30 credits) Mathematical statistics (M347) (30 credits) Optimization (M373) (30 credits)

BSc (HONS) MATHEMATICS AND ITS LEARNING

Qualification delivery, module availability and qualification structure are subject to change.

Compulsory modules
Option modules
Awarded qualification

AT A GLANCE

COURSE CODE Q46

TOTAL CREDITS 360

START DATES

Oct 2019 Register by 12 Sep 2019

Feb 2020 Register by 9 Jan 2020

ENTRY REQUIREMENTS

Your mathematical skills must be appropriate to study at this level. Check you're ready and get advice on where to start: mathschoices.open.ac.uk

ASSESSMENT

Based on a mix of:

- Tutor-marked
- Interactive computermarked assignments
- End-of-module assessments
- Examinations

STUDY DURATION

Part time: 6-7 years Full time: 3-4 years

MODE OF STUDY

The learning materials provided are **mostly print** with some online

Electronic versions of printed materials available (e.g. PDF) – with the exception of some Stage 3 modules	~
Disc-based media (e.g. DVD)	~
Online forum Optional	~
Collaborative work Compulsory	~



To find out more about this course, fees and funding, and how to register, go to openuniversity.co.uk/q46 or call 0300 303 5303



Data plays an important role in almost all private and public sector employment. The need to understand how to use data to inform decision making in many occupations has never been more important.

This qualification equips you with the key skills to explore and analyse complex data sets, and to solve practical problems using applied mathematics, statistics and computing.

You'll gain a good grounding in mathematical and statistical methods, which provide a foundation for data analysis, together with the essential computing skills needed to use them to solve practical problems, including elements of machine learning and artificial intelligence. You'll also gain experience of using statistical software packages.

WHY CHOOSE THIS QUALIFICATION?

- Develops familiarity with mathematical, statistical and computational data modelling techniques.
- Builds expertise in a range of appropriate software, including the widely used Python and R languages.
- Provides experience in communicating and critically commenting on the results of data analysis.
- Increases employability prospects in a wide range of sectors, including finance, government, health, education, the voluntary sector, business and commerce.

FIND OUT MORE

More or Less explains – and sometimes debunks – the numbers and statistics used in political debate, the news and everyday life. The Radio 4 programme is a BBC/Open University co-production and contributes to the OU's mission of increasing the public awareness, interest and understanding of mathematics and statistics.

RELATED QUALIFICATIONS

DIPLOMA OF HIGHER EDUCATION IN DATA ANALYSIS (W77) openuniversity.co.uk/w77

CERTIFICATE OF HIGHER EDUCATION IN DATA ANALYSIS (T42) openuniversity.co.uk/t42

QUALIFICATION STRUCTURE

STAGE 1 120 CREDITS

STAGE

N

120 CREDITS

Introducing statistics (M140) (30 credits)

Introduction to computing and information technology 1 (TM111) (30 credits)

Essential mathematics 1 (MST124) (30 credits)

Introduction to computing and information technology 2 (TM112) (30 credits)

Certificate of Higher Education in Data Analysis (T42)

Analysing data (M248) (30 credits)

Algorithms, data structures and computability (M269) (30 credits)

Mathematical methods (MST224) (30 credits)

Practical modern statistics (M249) (30 credits)

(TM358) (30 credits)

Diploma of Higher Education in Data Analysis (W77)

Applied statistical modelling – planned for Oct 2022 (M348) (30 credits)

STAGE 3 120 CREDITS

You'll choose 60 credits from: Applications of probability (M343) (30 credits) Data management and analysis (TM351) (30 credits) Graphs, networks and design (MT365) (30 credits) Interaction design and the user experience (TM356) (30 credits) Mathematical statistics (M347) (30 credits) Optimization (M373) (30 credits)

Machine learning and artificial intelligence - planned for Oct 2021

BSc (HONS) DATA SCIENCE

Qualification delivery, module availability and qualification structure are subject to change.

Compulsory modules	
Intermediate qualifications	
Option modules	

Awarded qualification

Register by 9 Jan 2020 Apr 2020

Register by 12 Sep 2019

AT A GLANCE

R38

360

COURSE CODE

TOTAL CREDITS

START DATES Oct 2019

Feb 2020

Register by 12 Mar 2020

ENTRY REQUIREMENTS

While there aren't any formal entry requirements, it's essential that your mathematical skills be appropriate to study at this level.

To check you've got the mathematics skills needed visit **openuniversity.co.uk** /ready

ASSESSMENT

Based on a mix of:

- Tutor-marked assignments
- Interactive computermarked assignments
- End-of-module assessments
- Examinations

STUDY DURATION

Part time: 6 years

MODE OF STUDY

The learning materials provided are **a balance of print and online**

Electronic versions of printed materials available (e.g. PDF)
Disc-based media (e.g. DVD)
Online forum Optional
Collaborative work



Optional

MORE ONLINE

To find out more about this course, fees and funding, and how to register, go to **openuniversity.co.uk/r38**

or call 0300 303 5303

PROFESSIONAL CERTIFICATE

This certificate will introduce you to key ideas in statistics and equip you with the skills to explore, summarise and analyse data to solve practical problems.

You'll gain an appreciation of the breadth of statistical applications and of the role of variability in today's world, and learn when to recognise the limitation of statistical analyses. You'll also experience using statistical software packages.

WHY CHOOSE THIS QUALIFICATION?

- Covers key topics from exploratory data analysis to statistical modelling techniques.
- Uses statistical software packages for analysis, including linear and generalised linear modelling.
- Develops your ability to communicate and critically comment on statistical investigations and data analyses.
- Teaches you the skills necessary to use statistics at work.

QUALIFICATION STRUCTURE

This certificate has only one stage.

 Introducing statistics (M140) (30 credits)
 Awarded qualification

 Analysing data (M248) (30 credits)
 Analysing data (M248) (30 credits)

 Practical modern statistics (M249) (30 credits)
 Image: Compulsory modules

 Linear statistical modelling (M346) (30 credits)
 Image: Compulsory modules

 PROFESSIONAL CERTIFICATE IN PRACTICAL STATISTICS

Qualification delivery, module availability and qualification structure are subject to change.

AT A GLANCE

COURSE CODE S03

TOTAL CREDITS 120

START DATES

Oct 2019 Register by 12 Sep 2019

Feb 2020 Register by 9 Jan 2020

ENTRY REQUIREMENTS

While there aren't any formal entry requirements, it's essential that your mathematical skills be appropriate to study at this level

ASSESSMENT

Based on a mix of:

- Tutor-marked assignments
- Interactive computermarked assignments
- End-of-module assessments
- Examinations

STUDY DURATION Part time: 2-4 years

MODE OF STUDYThe learning materials
provided are mostly
print with some onlineElectronic versions
of printed materials
available (e.g. PDF)Disc-based media
(e.g. DVD)Online forum
Optional

Collaborative work



GRADUATE CERTIFICATE IN THEORETICAL STATISTICS AND PROBABILITY

This certificate will provide you with the theory that underpins statistical inference and probability, ensuring that you're equipped to understand the assumptions and limitations of a range of models. It will provide the thorough understanding of the theory you need to underpin your work as a professional statistician.

You'll learn how to develop probability models for practical situations, including random processes, and investigate the properties of the model. You'll also study the mathematical theory underlying the methods and concepts used in practical statistical analyses.

WHY CHOOSE THIS **QUALIFICATION?**

- Covers key analytical approaches; classical and Bavesian statistics: and the underpinning mathematical theory.
- Teaches you the knowledge of distribution theory and a range of probabilistic models.
- Provides you with the theory behind statistical inference.
- Gives you the skills to comment critically on analyses and model choices.

QUALIFICATION STRUCTURE

This certificate has only one stage.

Applications of probability (M343) (30 credits)

Mathematical statistics (M347) (30 credits)

GRADUATE CERTIFICATE IN THEORETICAL STATISTICS AND PROBABILITY

Qualification delivery, module availability and gualification structure are subject to change.

AT A GLANCE

COURSE CODE S04

TOTAL CREDITS 60

START DATES

Oct 2019 Register by 12 Sep 2019

ENTRY REQUIREMENTS

An undergraduate degree with a substantial amount of mathematical and/or statistical content

ASSESSMENT

Based on a mix of:

- Tutor-marked assignments
- Interactive computermarked assignments

FIND AN UNDERGRADUATE COURSE

- Examinations

STUDY DURATION

Part time: 1-2 years

MODE OF STUDY

The learning materials provided are mostly print with some online

Electronic versions of printed materials available (e.g. PDF)	/
Disc-based media (e.g. DVD)	/
Online forum Optional	/

Disc-based media (e.g. DVD)	•	/	•	
Online forum Optional	•	/	,	
Collaborative work	;	×		

Compulsory modules Awarded qualification





OTHER QUALIFICATIONS THAT INCLUDE MATHEMATICS OR STATISTICS

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(B) Ola + (B) We + (P6) We + (P6) We Us= - dla dla= - dla $dS = \left(\frac{2S}{2N_{H}}\right)dN_{H} - \left(\frac{2S}{2N_{H}}\right)dN_{H} + \left(\frac{2S}{2N_{H}}\right)dN_{H} - \left(\frac{2S}{2N_{H}}\right)dN_{H}$ $\frac{d}{d} S = \left(\frac{1}{T_{a}} - \frac{1}{T_{a}}\right) \frac{d V_{a}}{d t_{a}} + \left(\frac{P_{a}}{T_{a}} - \frac{P_{a}}{T_{a}}\right) \frac{d V_{a}}{d t_{a}}$ At themolynamic Equilibrium dS= PA = PA = 0 - PA = PA

BSc (HONS) MATHEMATICS AND PHYSICS

In this degree, you'll develop knowledge and understanding of key concepts in theoretical physics and the underpinning mathematical ideas and methods.

It will teach you how to use essential techniques and relevant software, and acquire skills in communicating arguments and conclusions clearly and concisely. You'll explore the fundamental concepts of physics, including Newtonian mechanics, special relativity, electromagnetism and quantum mechanics. And have the opportunity to get plenty of practice with the tools of applied mathematics, including mathematical modelling and numerical methods.

WHY CHOOSE THIS QUALIFICATION?

- Combines the concepts of modern theoretical physics with a solid grounding in applied mathematics.
- Develops your critical thinking and problem-solving skills.
- Offers opportunities to engage with our award-winning OpenSTEM labs.

RECOGNITION

- Institute of Mathematics and its Applications
- Institute of Physics



IOP Institute of Physics

QUALIFICATION STRUC

STAGE 2 120 CREDITS

STAGE 1 120 CREDITS

STAGE 3 120 CREDITS

QUALIFICATION STRUCTURE		
	Compulsory modules	COURSE
	Option	TOTAL
Questions in science (S111) (60 credits)	Awarded qualification	START D Oct 2019 Register
		Feb 2020 Register
<i>Essential mathematics 1</i> (MST124) (30 credits)		ENTRY F While the formal er it's essen
Essential mathematics 2 (MST125) (30 credits)		appropria at this lev To check mathema
		ready
Physics: from classical to quantum (S217) (60 credits)		ASSESS Based or - Tutor- assign - Interac marke - End-o assess
		- Exami
Mathematical methods, models and modelling (MST210) (60 credits)		STUDY E Part time Full time:
		MODE O The learn provided
		of print a
You'll choose 60 credits from: <i>Astrophysics</i> (S382) (30 credits)		Electroni of printe available
<i>Electromagnetism</i> (SMT359) (30 credits) <i>The quantum world</i> (SM358) (30 credits)		Disc-bas (e.g. DVD
The relativistic Universe (S383) (30 credits)		Online fo Optional
You'll choose 60 credits from: Applications of probability (M343) (30 credits) Complex analysis (M337) (30 credits)		Collabora Compulso
Deterministic and stochastic dynamics (MS327) (30 credits) Graphs, networks and design (MT365) (30 credits) Mathematical methods and fluid mechanics (MST326) (30 credits)		
Optimization (M373) (30 credits)		MORE
		To find or course_fe
BSC (HONS) MATHEMATICS AND PHYSICS		source, re

MENT

- n a mix of:
- marked
- ments
- ctive computerd assignments
- f-module ments
- inations

DURATION

e: 6 years 3 years

F STUDY

ning materials are a balance and online

Electronic versions of printed materials available (e.g. PDF)	~
Disc-based media (e.g. DVD)	~
Online forum Optional	~
Collaborative work Compulsory	~



ONLINE

es and funding, and how to register, go to openuniversity.co.uk/q77

or call 0300 303 5303

Q77

CREDITS 360

ATES

by 12 Sep 2019

by 9 Jan 2020

REQUIREMENTS

ere aren't any ntry requirements, itial that your atical skills be ate to study vel.

you've got the atics skills needed nuniversity.co.uk/

33

Qualification delivery, module availability and qualification structure are subject to change.

BSc (HONS) COMPUTING & IT AND MATHEMATICS BSc (HONS) COMPUTING & IT AND STATISTICS

With these joint honours degrees you can focus on an area of computing & IT and combine it with either mathematics (pure or applied) or statistics – dividing your time equally between subjects.

Computing & IT skills are hugely valued in the modern workplace; studied together with mathematics or statistics they can open up careers in a wide range of sectors in government, industry or business.

WHY CHOOSE THIS QUALIFICATION?

- Offers a 50:50 split between computing & IT and mathematics or statistics.
- Presents focus options within the computing & IT strand.
- Accredited by BCS, The Chartered Institute for IT.
- Quality assured by the European Quality Assurance Network for Informatics Education (EQANIE).







DIPLOMA OF HIGHER EDUCATION IN COMPUTING & IT AND MATHEMATICS/ STATISTICS (W42) openuniversity.co.uk/w42

CERTIFICATE OF HIGHER EDUCATION IN COMPUTING & IT AND MATHEMATICS/ STATISTICS (T13) openuniversity.co.uk/t13

QUALIFICATION STRUCTURE

The example route shown below is MATHEMATICS. Other routes will vary, go to openuniversity.co.uk/q67 for details.

EXAMPLE SPECIALIST ROUTE

Introduction to computing and information technology 1 (TM111) (30 credits)

Introduction to computing and information technology 2 (TM112) (30 credits)

Essential mathematics 1 (MST124) (30 credits)

Essential mathematics 2 (MST125) (30 credits)

Certificate of Higher Education in Computing & IT

You'll choose a computing & IT focus area, studying 60 credit

in: computer science; communications and networking; software development; or web development. For more information, go to openuniversity.co.uk/q67-citm

Mathematical methods, models and modelling (MST210) (60 credits) OR

Pure mathematics (M208) (60 credits)

Diploma of Higher Education in Computing & IT and Mathematics (W42)

You'll complete your studies in your computing & IT focus are choosing one from a selection of 30-credit modules. For mor information, go to openuniversity.co.uk/q67-citm

You'll complete your studies in applied or pure mathematics, choosing 60 credits from a selection of modules. For more information, go to openuniversity.co.uk/q67-citm

The computing and IT project (TM470) (30 credits)

BSc (HONS) COMPUTING & IT AND MATHEMATICS

Qualification delivery, module availability and qualification structure are subject to change.

		COURSE CODE	Q67
		TOTAL CREDITS	360
	Compulsory modules	START DATES Oct 2019 Register by 12 Sep 20)19
	qualifications Option	Feb 2020 Register by 9 Jan 20	20
	Modules	Apr 2020 Register by 12 Mar 20)20
	quanneación	ENTRY REQUIREME While there aren't any formal entry requiren it's essential that you mathematical skills be appropriate to study at this level. To check you've got t mathematics skills ne visit openuniversity.c ready	he eded o.uk/
• • •		ASSESSMENT	
5		 Based on a mix of: Tutor-marked assignments Interactive computer 	iter-
		 arked assignme End-of-module assessments 	nts
		- Examinations	
		STUDY DURATION Part time: 6 years Full time: 3 years	
		MODE OF STUDY	
		The learning materia provided are a balan of print and online	s ce
		Electronic versions of printed materials available (e.g. PDF)	~
a, !		Disc-based media (e.g. DVD)	~
		Online forum Optional	~
		Collaborative work Compulsory	~
		To find out more abor	E It this
		course, fees and fund and how to register, g openuniversity.co.uk	ing, o to /q67
		or call 0300 303 53	03

FIND AN UNDERGRADUATE COURSE

AT A GLANCE

STAGE 2

120 CREDITS

STAGE 1 120 CREDITS

BSc (HONS) ECONOMICS AND MATHEMATICAL SCIENCES

If you enjoy solving problems and you're interested in the practical application of economics and mathematics, this degree is for you.

It will give you a thorough grounding in a broad range of mathematical, statistical and computational skills, and a sound knowledge of economic theory together with a good understanding of economic issues. You'll develop analytical and model-building skills that can be applied in a variety of contexts, engage in economic debate, and assess different kinds of evidence and their usefulness in relation to economic theories. By the end of your studies, you'll be equipped with the knowledge and skills needed for a range of roles in business management, accountancy, banking, investment analysis, risk analysis and market research.

There are two starting points: default and intensive. If you're confident about studying mathematics at university level and, in particular, are confident and fluent with algebra and trigonometry, choose the intensive start, which begins at a higher level and at a faster pace.

For more information about the best starting point for you, see pages 20–21 or go to **mathschoices.open.ac.uk**.

WHY CHOOSE THIS QUALIFICATION?

- Explores fundamental questions about our physical and economic world.
- Teaches analytical and model-building skills applicable to a variety of contexts.
- Develops essential skills for solving real problems and making sound judgments from your personal finances to high-level strategic decisions.
- Broadens your experience of using mathematical and statistical software.
- Offers a choice of start points to suit your level of mathematical knowledge.

QUALIFICATION STRUCTURE

You'll choose either:

1. The default start

2. The intensive start

The example route shown below is the **DEFAULT** start. The intensive start will differ at Stage 1, see pages 20-21 or go to openuniversity.co.uk/q15 for details.

EXAMPLE ROUTE

Discovering mathematics (MU123) (30 credits)

Economics in context (DD126) (30 credits)

Introducing statistics (M140) (30 credits)

Essential mathematics 1 (MST124) (30 credits)

STAGE 1 120 CREDITS

STAGE 2 120 CREDITS

Running the economy (DD209) (60 credits)

Analysing data (M248) (30 credits)

Mathematical methods (MST224) (30 credits)

STAGE 3 120 CREDITS

Doing economics: people, markets and policy (DD309) (60 credits)

Linear statistical modelling (M346) (30 credits)

You'll choose 30 credits from a selection of mathematics/ statistics options, go to openuniversity.co.uk/q15

BSc (HONS) ECONOMICS AND MATHEMATICAL SCIENCES

Qualification delivery, module availability and qualification structure are subject to change.

	COURSE CODE	Q15	
	TOTAL CREDITS	360	
	START DATES Oct 2019 Register by 12 Sep 20	019	
Compulsory	Feb 2020 Register by 9 Jan 202	20	
modules Option module Awarded qualification	ENTRY REQUIREMENTS Your mathematical skills must be appropriate to study at this level. Check you're ready and get advice on where to start: mathschoices.open.ac.uk		
	ASSESSMENT Based on a mix of: - Tutor-marked assignments - Interactive compu- marked assignmen - End-of-module assessments - Examinations	iter- nts	
	STUDY DURATION Part time: 6-7 years		

AT A GLANCE

Full time: 3-4 years

MODE OF STUDY The learning materials provided are a balance of print and online

Electronic versions of printed materials available (e.g. PDF)	~
Disc-based media (e.g. DVD)	~
Online forum Compulsory	~
Collaborative work Compulsory	~



or call 0300 303 5303

COMBINED STEM

BSc (HONS) COMBINED STEM

The flexibility of our combined science, technology, engineering and mathematics (STEM) degree allows you to build your own degree from a wide range of STEM modules and study routes, including psychology and sports science – this means you can build a qualification that's unique to you.

WHY CHOOSE THIS QUALIFICATION?

- Wide-ranging choices study modules from across STEM subjects or focus on one or two specific areas.
- Hugely flexible you can switch direction easily if your needs or interests change.
- Allows you to count university-level credits you've already gained from elsewhere.

DEGREE HOLDERS IN ENGLAND AND WALES

If you're looking to re-skill or up-skill in STEM subjects, you could still be eligible for a student loan to fund this degree.

For more information, go to **openuniversity.co.uk/quals**.

HOW YOU CAN FOCUS YOUR COMBINED STEM DEGREE ON APPLIED MATHEMATICS

This selection of modules shows how you can focus on one aspect of mathematics, such as applied mathematics, in combination with other STEM subjects that are of particular interest to you.

However, this is just one example of the many combinations you can study and you're not restricted to this route.

Essential mathematics 1 (MST124) (30 credits)

Essential mathematics 2 (MST125) (30 credits)

STAGE 1 120 CREDITS

STAGE 2

120 CREDITS

You'll choose 60 credits from a wide range of OU level 1 modules

Mathematical methods, models and modelling (MST210) (60 credits)

You'll choose 60 credits from a wide range of OU level 2 modules

You'll choose 60 credits from:

Complex analysis (M337) (30 credits)

Deterministic and stochastic dynamics (MS327) (30 credits) Graphs, networks and design (MT365) (30 credits) Mathematical methods and fluid mechanics (MST326) (30 credits)

Optimization (M373) (30 credits)

You'll choose 60 credits from a wide range of OU level 3 STEM modules

BSc (HONS) COMBINED STEM

Qualification delivery, module availability and qualification structure are subject to change.

AT A GLANCE

COURSE CODE R28

TOTAL CREDITS 360

START DATES

Mathematics

modules

modules

Awarded

qualification

Option

Oct 2019 Register by 12 Sep 2019

Feb 2020 Register by 9 Jan 2020

ENTRY REQUIREMENTS

While there aren't any formal entry requirements, it's essential that your mathematical skills be appropriate to study at this level.

To check you've got the maths skills needed visit **mathschoices.open.ac.uk**

ASSESSMENT

Depending on the modules you choose to study, you may be assessed in any or all of the following ways:

- Tutor-marked assignments
- Interactive computermarked assignments
- End-of-module assessments
- Examinations

STUDY DURATION

Part time: 6 years Full time: 3 years

MODE OF STUDY

As the BSc (Hons) Combined STEM can be made up of a range of different modules, the learning materials provided, use of online forums and inclusion of collaborative work will depend on the modules you choose to study



To find out more about this course, fees and funding, and how to register, go to openuniversity.co.uk/r28

or call 0300 303 5303

OPEN DEGREE

BA OR BSc (HONS) OPEN

Our BA or BSc (Hons) Open is the most flexible degree programme in the UK as it allows you to select your own modules and design a qualification that's unique to you. The degree allows you to choose modules from a wide range of subject areas so you can, for example, combine mathematics modules with modules from other disciplines, such as science or the humanities. The beauty of an Open degree is that you can select your own modules and create a degree that's unique to you."

Hina Asif Alam, BSc (Hons) Open



DIPLOMA OF HIGHER EDUCATION OPEN (W34) openuniversity.co.uk/w34

CERTIFICATE OF HIGHER EDUCATION OPEN (T09) openuniversity.co.uk/t09

HOW YOU CAN FOCUS YOUR OPEN DEGREE ON MATHEMATICS AND STATISTICS

This selection of modules shows how you can focus on aspects of mathematics and statistics in combination with other subjects that are of particular interest to you.

However, this is just one example of the many combinations you can study and you're not restricted to this route.

Introducing statistics (M140) (30 credits)

STAGE 1 120 CREDITS

STAGE

N

120

CREDITS

STAGE 3

120 CREDITS

Essential mathematics 1 (MST124) (30 credits)

You'll choose 60 credits from a wide range of OU level 1 modules

Certificate of Higher Education Open (T09)

Analysing data (M248) (30 credits)

Mathematical methods (MST224) (30 credits)

You'll choose 60 credits from a wide range of OU level 2 modules

Diploma of Higher Education Open (W34)

Deterministic and stochastic dynamics (MS327) (30 credits)

Linear statistical modelling (M346) (30 credits)

You'll choose 60 credits from a wide range of OU level 3 modules

BA OR BSc (HONS) OPEN¹

¹Whether you qualify for a BA or BSc (Hons) Open will be determined by the number of credits you have from modules suitable for a BA or for a BSc.

AT A GLANCE

COURSE CODE	QD
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TOTAL CREDITS 360

START DATES

Mathematics and statistics

Intermediate

qualifications

qualification

modules

Option

modules

Awarded

Oct 2019 Register by 12 Sep 2019

Feb 2020 Register by 9 Jan 2020

ENTRY REQUIREMENTS

While there aren't any formal entry requirements, it's essential that your mathematical skills be appropriate to study at this level.

To check you've got the maths skills needed visit **mathschoices.open.ac.uk**

ASSESSMENT

Depending on the modules you choose to study, you may be assessed in any or all of the following ways:

- Tutor-marked assignments
- Interactive computermarked assignments
- End-of-module assessments
- Examinations

STUDY DURATION

Part time: 6 years Full time: 3 years

MODE OF STUDY

As the BA or BSc (Hons) Open can be made up of a range of different modules, the learning materials provided, use of online forums and inclusion of collaborative work will depend on the modules you choose to study



To find out more about this course, fees and funding, and how to register, go to **openuniversity.co.uk/qd**

or call 0300 303 5303

FIND AN UNDERGRADUATE COURSE

FIND A POSTGRADUATE COURSE

To work towards a postgraduate qualification, you first need to choose and register on a module that counts towards that qualification.

Modules listed in this prospectus are those that are currently available for study - the exact selection may change over time.

MATHEMATICS

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Postgraduate Diploma in Mathematics (E23)	45
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MSc IN MATHEMATICS

This MSc enables you to delve deeply into particular aspects of pure and applied mathematics through a wide choice of modules in areas such as fractal geometry, coding theory and calculus of variations.

The choice of modules is sufficient to be of interest to not only mathematicians, but also mathematically inclined scientists or engineers looking to advance their career by gaining a high-level qualification. You'll complete your MSc with a piece of independent study, exploring a mathematical topic in detail, and conclude this with a dissertation.

If you're interested primarily in applied mathematics, or your undergraduate degree is in science or engineering, starting with Calculus of variations and advanced calculus (M820) is ideal. Alternatively, if you've an undergraduate degree in pure mathematics, you might prefer to start with Analytic number theory I (M823). You can study one or both of these modules in the first year - students spend typically 10 hours per week on each module. Select from the range of pure and applied mathematics modules in subsequent years.

QUALIFICATION STRUCTURE

MODULE	CREDITS	CODE
You'll choose 30-60	credits	from:
Calculus of variations and advanced calculu	s 30	M820
Analytic number theory I	30	M823
You'll choose 0-30 c	redits fr	om:
Advanced mathematical methods	30	M833
Analytic number theory II	30	M829
Applied complex variables	30	M828
Approximation theor	y 30	M832
Coding theory	30	M836
Fractal geometry	30	M835
Nonlinear ordinary differential equations	30	M821

Postgraduate Certificate in Mathematics (C90)

You'll choose another 60 credits from the modules above:

Postgraduate Diploma in Mathematics (E23)

You'll choose another 30 credits from the modules above, plus you'll study the following:

mathematics 30

MSc IN MATHEMATICS

- Option modules
- Intermediate qualifications
- Compulsory module
- Awarded qualification

Module availability is subject to change.

AT A GLANCE

COURSE CODE F04

TOTAL CREDITS 180

START DATES

Oct 2019 Register by 12 Sep 2019

ENTRY REQUIREMENTS

- An honours degree (with a 2:2 classification or higher) in mathematics
- Alternatively, an honours degree (with a 2:1 classification or higher) in a subject with high mathematical content

Check you're ready with a self-assessed quiz: openuniversity.co.uk/ mscquiz

STUDY DURATION Part time: 2-4 years

RELATED QUALIFICATIONS

POSTGRADUATE DIPLOMA IN MATHEMATICS (E23) openuniversity.co.uk/e23

POSTGRADUATE CERTIFICATE IN MATHEMATICS (C90) openuniversity.co.uk/c90



RECOMMENDED STUDY ROUTES

We recommend that you study no more than one module (30 credits) in your first year and no more than two modules (60 credits) in subsequent years. Modules last 31 weeks and most students find that each module takes around 300 hours.

Normally, you must:

- complete at least one of the entry modules, *Calculus of variations and advanced calculus* (M820) or *Analytic number theory I* (M823), before studying any intermediate module
- complete Analytic number theory I (M823) before studying Analytic number theory II (M829)
- complete four modules before studying the Dissertation in mathematics (M840)¹.

Otherwise, you may study modules in any order.²

¹Some dissertation topics require you to have passed pre-requisite modules. ²Some modules have start dates every other year.

APPLIED MATHEMATICS

PURE MATHEMATICS

ENTRY

Calculus of variations and advanced calculus (M820)

Analytic number theory I (M823)

INTERMEDIATE

Applied complex variables (M828)

Approximation theory (M832)

Advanced mathematical methods (M833) Nonlinear ordinary differential equations (M821) Analytic number theory II (M829)

Coding theory (M836)

Fractal geometry (M835)

YOU CAN CLAIM THE **POSTGRADUATE CERTIFICATE IN MATHEMATICS (C90)** AFTER PASSING ANY TWO OF THE ABOVE MODULES

YOU CAN CLAIM THE **POSTGRADUATE DIPLOMA IN MATHEMATICS (E23)** AFTER PASSING ANY FOUR OF THE ABOVE MODULES

DISSERTATION

Dissertation in mathematics (M840)

YOU CAN CLAIM THE **MSc IN MATHEMATICS (F04)** AFTER PASSING THE DISSERTATION AND ANY OTHER **FIVE** OF THE ABOVE MODULES

_____ Modules Intermediate qualifications

Masters qualification

POSTGRADUATE CERTIFICATE IN MATHEMATICS

This flexible course comprises two 30-credit modules from a wide choice, enabling you to tailor your studies to your particular area of interest. It's the first stage of our postgraduate mathematics programme; you can progress on to the postgraduate diploma and finally the MSc in Mathematics. It will enable you to develop your problem-solving and decisionmaking capabilities and is applicable to work in industry, business and commerce.

POSTGRADUATE DIPLOMA IN MATHEMATICS

This postgraduate diploma comprises four 30-credit modules on a range of topics - including analytic number theory, calculus of variations and nonlinear ordinary differential equations - extending your understanding of key areas of mathematics. It's the first two stages of our postgraduate mathematics programme; you can achieve the MSc in Mathematics by taking a further two 30-credit modules. You'll find it's applicable to a wide range of contexts including science, engineering and technology.



openuniversity.co.uk/e23 or call 0300 303 5303

MA OR MSc OPEN

This masters degree allows you to create a personalised qualification across a range of disciplines.

You'll expand your disciplinerelated knowledge at masters level, gain broader subject-specific knowledge and pursue further professional development in areas that align with your employment needs and professional aspirations.

QUALIFICATION STRUCTURE

There are two routes through this qualification:

Route 1: You can study 180 credits and specialise within one of the following broadly related study areas:

- Arts, Humanities and Language
- Education, Psychology and Health Science
- Science, Technology, Engineering and Mathematics
- Business, Finance, Human Resources and Law.

Route 2: You can choose to study 120 credits, specialising within one study area (as above) and take up to 60 credits from any other study area, including:

- Further professional development modules.

Module availability is subject to change.

ARTS, HUMANITIES AND LANGUAGE MODULES

MODULE	CREDITS	CODE
MA Art History part 1	60	A843
MA Classical Studies part 1	60	A863
MA Creative Writing part 1	60	A802
MA English part 1	120	A815
MA History part 1	120	A825
MA Philosophy part 1	60	A853
Introduction to translation theory and practice	60	L801

EDUCATION, PSYCHOLOGY AND HEALTH SCIENCE MODULES

MODULE	CREDITS	CODE
Children and young people's worlds	60	E808
Understanding children's development and learning	60	ED841
Educational leadership: agency, professional learning and change	60	EE811
Addressing inequality and difference in educational practice	y 60	EE814
Applied linguistics and English language	e 60	EE817
Learning and teaching: educating the next generation	60	EE830
Technology-enhance learning: foundations and futures	d 5 60	H880
Openness and innovation in elearning	60	H817
Introduction to mental health science	e 60	S826
Principles of social and psychological inquiry	60	DD801

SCIENCE, TECHNOLOGY, ENGINEERING AND MATHEMATICS MODULES

MODULE	CREDITS	CODE
Information security	30	M811
Digital forensics	30	M812
Software development	30	M813
Data management	30	M816
Calculus of variations and advanced calculu	30 s	M820
Analytic number theory I	30	M823
Applied complex variables	30	M828
Advanced mathematical methods	30	M833
Molecules in medicin	e 60	S807
Space science	60	S818
Finite element analysis: basic principles and applications	30	T804
Manufacture materials design	30	T805
Network security	30	T828
Environmental monitoring and protection	30	T868
Making environmenta decisions	^{a/} 30	T891

BUSINESS, FINANCE, HUMAN RESOURCES AND LAW MODULES

MODULE	CREDITS	CODE
Introduction to corporate finance	30	B858
Financial strategy: valuation, governance and ethics	e 30	B859
Research methods for finance	30	B860
The human resource professiona	/ 30	B863
Managing research in the workplace	30	B865
Employment relations and employee engagement	30	B866
Workplace learning with coaching and mentoring	30	B867
Exploring legal meaning	30	W820
Exploring the boundaries of international law	30	W821
Business, human rights law and corporate social responsibility	30	W822

FURTHER PROFESSIONAL DEVELOPMENT MODULES

MODULE	CREDIT	S CODE
Investment and portfolio management	30	B861
Derivatives and risk management	30	B862
Sustainable creative management	15	BB842
Marketing in the 21st century	15	BB844
Management beyond the mainstream	15	BB847
Leadership and management in intercultural contexts	15	BB848
The networked practitioner	30	H818
The critical researcher: educational technology in practice	30	H819
Project management	30	M815
Managing technological innovation	30	T848
Strategic capabilities for technological innovation	30	T849
Managing for sustainability	30	T867
Development: context and practice	30	T877
Capacities for managing development	30	T878
Conflict and development	30	T879
Making strategy with systems thinking in practice	g 30	TB871
Managing systemic change: inquiry, action and interaction	30 n	TU812
Institutional development	30	TU872
Continuing professional development in practice	30	U810

AT A GLANCE

COURSE CODE F	81
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TOTAL CREDITS 180

START DATES

Oct 2019 Nov 2019 Feb 2020 May 2020

ENTRY REQUIREMENTS

Entry to this qualification will typically require a bachelors degree or equivalent qualification relevant to your intended specialist area of study

STUDY DURATION

Part time: 3 years



OTHER USEFUL INFORMATION

You've taken the first step by requesting this prospectus. Continue your journey by visiting our website at **openuniversity.co.uk** and finding out more about the courses we offer and how studying with the OU works.

You'll be able to:

- read more in-depth information on the qualifications you're interested in
- discover more about the support you can receive from the University and fellow students
- find out how you can fund your studies, including our flexible payment options
- register for your course.

Or, if you'd prefer to speak to one of our advisers, contact us using the details provided on the back of this prospectus.

Alternatively, write to us at:

Student Recruitment The Open University PO Box 197 Milton Keynes MK7 6BJ United Kingdom

OUR OTHER PROSPECTUSES

Are you interested in other Open University qualifications?

Download or order one of our other prospectuses at **openuniversity.co.uk/prospectus**.

SUBJECT-SPECIFIC PROSPECTUSES

- Arts and Humanities
- Business and Management
- Computing and IT
- Education, Childhood, Youth and Sport
- Engineering, Design and Technology
- Environment and Development
- Health and Social Care
- Languages and Applied Linguistics
- Law
- Psychology and Counselling
- Science
- Social Sciences

OTHER PROSPECTUSES

- Access Modules
- Open Qualifications
- Undergraduate Courses
- Postgraduate Courses

EQUALITY AND DIVERSITY

We're committed to creating an inclusive university community where everyone is treated with dignity and respect. We challenge inequality, and anticipate and respond positively to different needs so that everyone can achieve their potential.

Find out more by visiting **openuniversity.co.uk/equality**.

DATA PROTECTION

We record your personal information when you contact us. We use this to manage enquiries, registration, study, examination and other services. Calls may be recorded to help us improve our service to you. When you contact us, we'll tell you more about how we treat your personal information.

For more information go to **openuniversity.co.uk/privacy**.

AMBITIONS PLANS GOALS

WHAT'S NEXT?

Get in touch or go online to find out more:

0300 303 5303 openuniversity.co.uk

OTHER WAYS TO READ THIS PROSPECTUS

You may find it easier to access information from our website at **openuniversity.co.uk**.

We can also supply this prospectus as a PDF and in other formats. Please call **0300 303 5303**, or email us from our website at **openuniversity.co.uk/** contact.

We have made all reasonable efforts to ensure that the information in this prospectus is accurate at the time of publication. However, we shall be entitled, if we consider it reasonably necessary (including in order to manage resources and improve student experience) to make changes, including to the availability of modules and qualifications, to qualification structure and to our regulations, policies and procedures. For current information. please refer to our online prospectus at openuniversity. co.uk/courses. If you require further information about the circumstances in which we may make changes, please contact us or refer to the Academic Regulations on our website at openuniversity. co.uk/academic-regulations.

openuniversity.co.uk

GET IN TOUCH

IN ENGLAND, SCOTLAND, WALES, THE CHANNEL ISLANDS, THE ISLE OF MAN AND BFPO ADDRESSES

- Go to openuniversity.co.uk
- Email us from our website openuniversity.co.uk/contact
- Call our Student Recruitment team on **0300 303 5303**

Lines are open (UK time) Monday to Friday: 08:00-20:00 Saturday: 09:00-17:00

Calls are charged at the local rate when calling from a UK mobile phone or landline.

IN NORTHERN IRELAND

- Go to openuniversity.co.uk
- Email northernireland @open.ac.uk
- Call our Belfast office on **028 9032 3722**

IN THE REPUBLIC OF IRELAND

- Go to openuniversity.edu
- Email ireland@open.ac.uk
- Call our Enquiry and Advice Centre in Dublin on (01)6785399 or our Belfast office on +44 (0)28 9032 3722

ALL OTHER COUNTRIES

- Go to openuniversity.edu
- Call us on +44 (0)300 303 0266

I SIARADWYR CYMRAEG

Os ydych yn siarad Cymraeg a byddai'n well gennych drafod eich anghenion astudio drwy gyfrwng y Gymraeg, cysylltwch â:

Y Brifysgol Agored yng Nghymru, 18 Heol y Tollty, Caerdydd, CF10 1AP

- Ffoniwch ni ar 029 2047 1170
- Ebost wales-support
 @open.ac.uk

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