

STUDYING STEM IN THE UK



India, Bangladesh, Nepal,
Pakistan and Sri Lanka

STUDY
UK

 **BRITISH
COUNCIL**

GREAT
BRITAIN & NORTHERN IRELAND


UEA is an internationally renowned university, known for its research strengths, teaching and an outstanding student experience.

Eminent for providing an all-embracing campus life, the university now offers a range of post graduate courses to study in February 2021 with guaranteed scholarships up to £5,000.


*Terms and conditions apply.



FIND OUT MORE TODAY:

admissions@uea.ac.uk

www.uea.ac.uk/study/new-year-new-challenge

 /ueaofficial

UEA
University of East Anglia

FOREWORD

Greetings from the British Council.

I am delighted to present this Studying STEM in the UK magazine 2020 for students from South Asia who are interested in accessing these courses in the UK in coming months.

The United Kingdom offers you a world-leading education system, with accredited UK qualifications that can make a real difference to your career. With an outstanding reputation for research and higher education, UK universities and colleges attract the world's leading academics and industry professionals. Studying in the UK will also give you the unique opportunity to experience a new and vibrant culture, network with students and professionals from all over the world and gain valuable skills to help further your professional development.

The UK has a special place in the history of STEM. From Isaac Newton to Charles Darwin, Rosalind Franklin and Stephen Hawking, the UK has been globally recognised throughout history for our innovation, pioneering new ideas, technologies and research. Many breakthrough discoveries in STEM have taken place here, including the structure of DNA, the identification of the electron, the development of penicillin, and the advent of new materials such as graphene.

The UK Government has also recently announced the Graduate Route which will enable international students to remain in the UK for two years (three years for PhD graduates) after they have completed their degrees. Students applying now to graduate in the summer of 2021 or after will be eligible for this.

This publication will help you understand more about studying STEM in the UK, how STEM subjects are approached at universities and colleges, what sort of career paths you can pursue as well as useful information around student visas and IELTS. Some alumni profiles in the publication will give you an idea of what to expect and we hope this information gives you the confidence to pursue your dreams in the key area of STEM subject areas in the UK. There are some featured university profiles which can be useful but do remember that there are thousands of STEM courses and degrees available across many UK universities and colleges and you can find out more about.



them, compare and study various institution profiles and offers [here](#).

In the academic year 2018-19, there were almost 40,000 students from South Asia studying in the UK, where the outstanding contribution that students from India, Pakistan, Bangladesh, Sri Lanka and Nepal make to the international student community is greatly valued.

I sincerely hope that this STEM publication can help you further your education plans and I wish you every success in making the most of your opportunity to study in the UK. Please reach out to your local British Council office for any queries or support. Good Luck and Bon Voyage!

HELGA STELLMACHER

Director Education and English
South Asia British Council

CONTENT

Why study in the UK?	6
Studying in the UK in 2021	8
Study options	10
Scholarships and funding	12
Career and employability	14
Graduate Route and Student Route	16
Study science and technology	18
Study engineering	20
Study mathematics	22
About IELTS	23
Alumni stories	25
University profiles	32
Useful websites	41



ETHICAL HACKING AND COMPUTER GAMES

Abertay University in Dundee, Scotland, launched the world's first computer games degree in 1997, and the world's first Ethical Hacking degree in 2006.

We remain at the forefront of teaching in these subjects:

- The prestigious Princeton Review has ranked Abertay University Europe's top computer games university for six years in a row – and top 25 in the world!
- Our Ethical Hacking degree is globally renowned for producing highly skilled graduates, capable of thriving in this important and constantly evolving field.
- Bachelors, Masters and Research degrees are available.
- Our degrees are industry accredited, and have very strong links with local, national and international organisations.



At Abertay University, our mission is to educate students to be the innovators and ground-breakers of tomorrow's computing and digital media-based industries.

For more details, email international@abertay.ac.uk

www.abertay.ac.uk

WHY STUDY IN THE UK?

The UK is a unique and perfect choice for any international student. Only the UK can offer:

- a welcoming and inclusive way of life
- a rich and historical culture
- exceptional academic standards
- two of the world's top three universities
- a further 26 of our universities and colleges are among the world's 200 best institutions for learning
- one of the most trusted and popular study destinations in the entire world
- in 2018–19, over 485,000 undergraduates and postgraduates chose to study in the UK over other countries.

A UK education opens doors, wherever you go in the world.

From our world-recognised universities to our innovative teaching approach and the leading minds who deliver it the UK has been the preferred choice for some of the most important minds in history. One in four world leaders have studied in the UK, so if you're dreaming of achieving big things, you can be sure the UK is the right place to achieve them.

The UK's academic reputation is world-renowned. Built on a heritage that is now centuries old, our approach to education applies the very latest learning theory through universities that routinely top international tables. Our innovative teaching methods produce successful, versatile graduates who are sought-after by employers around the world.

World-ranked universities

UK universities have featured remarkably in world rankings ever since they began. In 2018 the [Times Higher Education World Rankings](#) honoured us with three of the world's top ten universities, including the top two – the [University of Oxford](#) and the [University of Cambridge](#). This high quality can be found right across the country, with seven in the top 50 and 32 in the top 200 universities.

Quality that's government-guaranteed

The UK's 162 higher education institutions are all

held to strict standards by the government, so you know you are getting the best teaching, support and resources available.

The [Register of Regulated Qualifications](#) contains details of Recognised Awarding Organisations and Regulated Qualifications in England (Ofqual), Wales (Welsh Government) and Northern Ireland (Ofqual for vocational qualifications and CCEA Accreditation for all other qualifications). For Scottish qualifications, please visit the [Scottish Credit and Qualifications Framework](#) website.

Innovative teaching methods

Our universities combine traditional lectures with a variety of innovative teaching techniques, designed to encourage independent thinking, problem-solving skills and self-motivation. You will be working in small groups solving real-life problems relevant to your future career.

You will have access to leading technology, from state-of-the-art laboratories to interactive screens and online-learning.

You will have an opportunity to learn from the very best in your field: many teachers in UK universities are industry leaders in their field, and you will have one-to-one access to them where you will be able to learn from their vast experience. Our institutions also cultivate industry relationships, allowing you to get practical experience in your field within world-leading

organisations, and make connections to give your career an edge.

Short, flexible courses

In the UK, flexibility is built into the majority of our courses. Many universities allow you to choose from different subject 'modules', so you can build a course programme that fits you best, specialising as you go for a perfectly tailored experience.

Postgraduate courses in the UK are shorter than both the US and Australia, with many MBA's taking just one year. So you get better value for money and can begin applying your knowledge in the real world a lot sooner.

A new way of learning

Our educational system doesn't just immerse you in your chosen subject – it's designed to help you to think differently. Throughout your studies you'll be encouraged to ask questions, debate your teachers and fellow students, and come up with your own ideas through a blend of practical learning, lectures and seminars and innovative, high-tech teaching.

Behind our courses and degrees are brilliant thinkers, some of the best minds in their fields who you can connect with.

The impact that their supportive inspiring teaching has is evident in the feedback we receive from our postgraduates. 93 per cent of international postgraduates rate the quality of UK teaching highly.

World-leading research

We're ranked second in the world for science and research and 54 per cent of our output is world-leading. Our field-weighted citation impact is higher than the US, Canada, Germany, Japan and Brazil, so when you study here you can be sure you'll be working alongside some of the best minds – and using some of the best technology- in the world.

Health and safety

The UK is a very safe country with low levels of crime and violence. Your university/institution will brief you about keeping safe and staff are always on hand to help ensure your safety. Community police officers and campus-based security staff will give you practical advice about personal safety.

The UK's National Health Service (NHS) is one of the most advanced healthcare systems in the world. The NHS provides first-class treatment and support and you can access the NHS at a subsidised rate which is why international students do not need private medical insurance.

As part of your visa application, you will pay an Immigration Health Surcharge that allows you to use the NHS for most physical and mental illnesses, including emergency services and care for Covid.

THE BEST POSSIBLE



STUDYING IN THE UK IN 2021



Here in the UK, a warm welcome is awaiting you.

Our open and inclusive way of life will inspire you, our rich cultural history will fire your imagination and - as our universities are the among the most trusted and respected in the entire world - you'll be able to develop your best and brightest ideas by studying here.

All UK universities are working hard to follow government guidance and ensure that students' safety remains a top priority. Many universities are blending face-to-face and online teaching and this will be regularly reviewed in line with current and local guidance to ensure teaching is delivered in a safe environment. In the UK, your wellbeing comes first.

As an international student, please stay in touch with the institution you are interested in studying at for the latest information and support.

We want you to feel welcome and at ease when you arrive in the UK and would like to reassure all current and prospective students that UK universities are looking forward to welcoming you.

UK universities are committed to supporting all students, including international students already in the UK, as well as those considering studying in the UK from January 2021 and beyond. If you have any concerns about the support you are receiving or are due to receive - your university will be happy to help you.

For the latest information on Covid-19 please visit:

England: <https://www.gov.uk/coronavirus>

Scotland: <https://www.gov.scot/coronavirus-covid-19>

Wales: <https://gov.wales/coronavirus>

Northern Ireland: <https://www.nidirect.gov.uk/campaigns/coronavirus-covid-19>

Blended learning

Large audience teaching (lectures) will be delivered online, in cases supported by online discussions and face-to-face study in small groups will be made safer through 'bubbles'. Courses with practical teaching sessions will be delivered in a safe way with physical distancing and personal protective equipment.

Many UK institutions are developing exciting and innovative examples of high-quality online learning. Tier 4 sponsors can sponsor international students for blended learning for the 2020-21 academic year.

Health and well-being:

The health and wellbeing of international students is our number one priority and UK universities are working to ensure that they are safe and supported.

A programme ensuring mental health support for students during Covid-19 has been created by Student Minds, the UK's mental health charity for students. Universities are putting measures in place to make sure campuses are clean and completely compliant with government guidelines. The UK government provided Covid-19 guidance for cleaning of non-healthcare settings, covering student accommodation and other spaces within the community. The timing of teaching is being carefully considered with flexible timetabling to avoid too many students on campus.

For full information, check your university or institution's website as plans may change, depending on the current public health advice.

Letter to prospective International students:

Here's what the Education and Universities Ministers of the four countries of the United Kingdom (UK), England, Scotland, Wales and Northern Ireland have to say to the prospective International students.



STUDY OPTIONS

The academic year

In the UK, the standard academic year starts in September or October and runs until June or July.

Postgraduate courses often run from September to September, and there are other courses that are more flexible and offer a range of start dates.

Subjects and modules

Most higher education courses have a 'modular' structure. This means that you can build a personalised course by choosing modules or units of study from different subject areas. For example, if you are studying English literature, for your first year you could choose one module on Science fiction, one module on Children's literature, and one module on Short stories.

If you are interested in more than one subject, you may be able to study a combination as part of your course, e.g. English literature and psychology. You can often decide for yourself how much time you would like to spend on each subject. 'Joint' means the two subjects are studied equally, 'major/minor' means the time spent is usually 75 per cent/25 per cent.

Study modes

Most full-time undergraduate courses take three years to complete (typically four years in Scotland). Full-time postgraduate courses can be from one year upwards.

Some degrees are available to study as accelerated courses taken over two years instead of three, so that you can gain your qualification even faster. Accelerated degrees have the same amount of modules as their three year options, allowing you to get even better value for money by getting the same course with a year less of living cost.

Part-time courses are normally taken over a longer period, so that you can work alongside your studies or learn at a more relaxed pace. If you need a visa to study in the UK, please check that your immigration status allows you to do a part-time course.

Undergraduate

- UK universities have one of the most diverse subject offerings in the world.
- You will be given the support and space you'll

- Over 400 universities and higher education institutions to choose from.
- Locations from busy cities, to pastoral countryside settings, to beautiful coastal towns.
- Choose from our universities, higher education colleges and specialist institutions (such as world-famous art schools and award-winning conservatoires).

need to be imaginative, ambitious and to think differently.

- You will receive a prestigious education that is built on the most solid of historical foundations.

UK undergraduate course types include:

- bachelor's or undergraduate degrees (full-time)
- bachelor's or undergraduate degrees (part-time)
- shorter courses such as a foundation degree, Diploma of Higher Education, Higher National Diploma, and Certificate of Higher Education.

Postgraduate

- Postgraduate courses maintain the UK's exceptional academic standards.
- Often shorter than those in the US and Australia.
- Many take just one year to complete.
- Excellent value for money.
- You can begin applying your education to the real world sooner.

UK postgraduate course types include:

- master's degrees
- MBA courses
- PhDs or doctorates
- postgraduate diplomas and qualifications (these are usually shorter than a master's and do not involve a thesis or dissertation)
- professional and vocational qualifications.



WE OFFER A RANGE OF EXCITING, CAREER-FOCUSED DEGREES IN A RANGE OF SCIENCE SUBJECTS, INCLUDING:

- **BSc. Animal Conservation**
- **BSc. Biomedical Science**
- **BSc. Criminology with Forensic Investigation**
- **BSc. Forensic Science**
- **BSc. Forest Management**
- **BSc. Geography**
- **BSc. Marine and Freshwater Conservation**
- **BSc. Microbiology**
- **BSc. Woodland Ecology and Conservation**
- **BSc. Zoology**

WHERE THE IMPOSSIBLE IS MADE POSSIBLE.

Contact us to find out more:

Email: international@cumbria.ac.uk

www.cumbria.ac.uk/study/international-students

WHY STUDY SCIENCE AT THE UNIVERSITY OF CUMBRIA?

- Ranked 1st in the UK and 8th in the world for 'Quality Education'. (*THE University Impact Rankings 2020*)
- We are the **only** UK university set in and around two UNESCO world heritage sites and England's largest national park.
- Ranked 9th in the UK for Biological Sciences - Student Satisfaction (*CUG 2021*)
- Ranked amongst the best in the UK for student employability with 96%. (*HESA 2020*)
- Our campuses are safe, welcoming and friendly, with Public Health England approved safety measures in place for your added protection during the pandemic.
- Expert teaching team coupled with £3.5 million investment in state of the art lab facilities.

YOUR FIRST STEP TO A GREAT FUTURE!



SCHOLARSHIPS AND FUNDING

Scholarships are provided for the financial assistance for international students who wish to study in the UK. Scholarships are generally limited in number and are offered to a specific segment or for a specific field of study. As such they are always highly competitive and are aimed largely at postgraduate level students. For undergraduate studies, scholarships, bursaries and partial fee waivers are much rarer. It is important to note the following: The application process, amount of scholarship and criteria will differ for each scholarship.



SCHOLARSHIPS IN THE UK ARE FUNDED BY:

- UK government
- External agencies
- Universities/higher education institutions

British Council managed Scholarships:

- **GREAT Scholarships:** In collaboration with the UK's GREAT Britain campaign, the British Council has launched Great Scholarships - 2020 over a broad range of subjects. This is a great opportunity for Indian students wishing to access a UK university education. To find out more, click [here](#).
- **Commonwealth Scholarship and Fellowship:** The Commonwealth Scholarship and Fellowship Plan provides opportunities to students of Commonwealth countries who can make a significant contribution to their home country after the completion of a higher education programme in the UK. This is a source of funding made available to all Commonwealth countries by the Commonwealth Scholarships Commission. To find out more, click [here](#).
- **Charles Wallace India Trust Scholarships (CWIT):** CWIT enables Indians in the early to mid stages of their careers to spend time in the UK, helping them to achieve artistic, academic and professional ambitions and to broaden their international contacts. To find out more, click [here](#).

- **A.S Hornby Trust Scholarships:** The scholarships are intended to support English language teachers. To find out more, click [here](#).

There are a number of other scholarship schemes run by governments, charities and organisations.

Here are a few you may want to have a look at:

- **Chevening Scholarship:** Chevening is the UK government's international awards scheme aimed at developing global leaders. Funded by the Foreign, Commonwealth & Development Office (FCDO) and partner organisations, Chevening offers two types of award – Chevening Scholarships and Chevening Fellowships. – the recipients of which are rigorously selected by British Embassies and High Commissions throughout the world. To find out more, click [here](#).
- **Scotland's Saltire Scholarships:** Scotland's Saltire Scholarships is a programme of scholarships offered by the Scottish Government in collaboration with Scottish universities in the areas of science, technology, creative industries, healthcare and medical sciences, and renewable and clean energy. To find out more, click [here](#).
- **Felix Scholarship:** The Felix Scholarship was founded to offer gifted underprivileged students from India and certain other developing countries the opportunity of furthering their postgraduate education by attending a university in the UK. Felix scholarships are offered at three universities - the University of Oxford, the University of Reading and the School of Oriental and African Studies (SOAS), part of the University of London. The Scholarships are awarded on the basis of outstanding academic merit and financial need. To find out more, click [here](#).
- **Inlaks Shivdasani Foundation:** The Foundation focuses on providing scholarships, grants and awards in various fields to outstanding young Indians to enable them to develop their professional, scientific, artistic and cultural abilities, both abroad and in India. It prides itself on being open to a wide range of subjects, many of which are not covered by other fund-giving bodies. Opportunities in India are offered through the Inlaks India Foundation. To find out more, click [here](#).
- **Rhodes Scholarship:** The Rhodes Scholarship programme is the oldest (established 1903) international scholarship programme in the world,

and one of the most prestigious. Administered by the Rhodes Trust in Oxford, the programme offers 100 fully-funded Scholarships each year for postgraduate study at the University of Oxford in the United Kingdom - one of the world's leading universities. Rhodes Scholarships are for young leaders of outstanding intellect and character who are motivated to engage with global challenges, committed to the service of others and show promise of becoming value-driven, principled leaders for the world's future.

To find out more, click [here](#).

- **The Royal Society:** This scheme offers a recognized first step into an independent research career for outstanding scientists and engineers at an early stage of their research career. This scheme offers an opportunity to focus on own research, freeing from administrative and teaching duties. To find out more, click [here](#).
- **Ford Foundation:** International Fellowships Program - The Ford Foundation Global Fellowship program seeks a diverse array of committed individuals who have demonstrated meaningful impact, but whose full potential has yet to be unleashed because of a lack of resources or access to a global network. The fellows will focus on analyzing and addressing the root causes of inequality. To find out more, click [here](#).

British Council Scholarships for Women in STEM

This scholarship covers all academic and living expenses, for women to study full-time, a 1-year Master's programme in any STEM subject in the UK, beginning in September/October 2021.

There are up to 85 scholarships open to students across the world, with 40 scholarships specifically for women from South Asia. There are 15 scholarships for Bangladesh, 10 for India, 10 for Pakistan and 5 more across Nepal, Sri Lanka and Afghanistan.

Details around the UK universities offering the scholarships, subject areas, eligibility, application deadline and other specifics will soon be available [here](#).

CAREER AND EMPLOYABILITY

During your studies, there will be an opportunity for you to develop critical thinking skills, creativity and confidence that employers look for.

There may also be the chance for you to get involved in internships, work-placements, volunteering and dissertation placements.

The QS global survey of graduate employers consistently shows that UK degrees are highly valued worldwide, with UK universities topping the QS employer reputation ranking.

Internships and work experience

Having a form of work placement experience definitely gives you an advantage in an increasingly competitive graduate job market.

Some courses include a year of working in the industry or internships in the industry you're interested in. Work placements provide you with hands-on experience in a profession that you can't simulate in lectures or the classroom.

In this short film, watch international students from Coventry University share their experience of working at Brompton Bicycles.

Plan for your career

All UK universities and colleges employ professional career advisers to give advice on how to plan your career, build your CV and prepare for interviews.

Careers advisors can help you focus on developing the skills needed to succeed in particular industries. By honing in on specific attributes which will make you

more employable, you will stand out amongst others.

There are lots of UK based organisations that offer excellent careers planning and support. See the links below for organisations that can help you discover where your UK qualification could lead.

Strong Links with Industry

With many multinational companies headquartered in the UK, for example, GlaxoSmithKline, Vodafone, Unilever, BP, Shell, Tesco and Aviva, our universities and institutions maintain strong links with these and many other industries.

Our teaching methodology incorporates industry-led learning approaches and students benefit from practical work and courses that understand current practices and demands. With many UK courses, this means you can undertake an internship or a work placement while you study.

Post Study work opportunities

There are lots of options available to international students who want to stay and work in the UK after their studies.

If you're considering staying in the UK after your studies, you may need to apply for a separate visa to your student visa. You can check whether you need a visa at [UK Visas & Immigration](#).

Working part time while you study:

If you are over 16 and have the right visa, it is easy to find a part-time job while you are studying in the UK.

Typically, you will be able to work for up to 20 hours during term time. Check your visa and residence permit paperwork for details on what part-time work you can do. Check with your university, in case there are any part-time work restrictions relating to your course.

The Graduate Route

From summer 2021, international students who have successfully completed an undergraduate or master's degree will be able to benefit from two years' work experience in the UK upon graduation, through the new Graduate Route. Students who complete their PhD will be able to stay for three years.

Read more on this and other visa related information on [page 38](#).

Study at the University of Leeds, a top 100 university in the world.*

Top 10
most targeted UK university by graduate recruiters

The Graduate Market in 2020,
High Fliers Research

Established in 1904, the University of Leeds is one of the UK's largest universities, world famous for its teaching and research and located in the heart of a vibrant, affordable and student-friendly city.



With over 38,000 students from over 170 different countries, you'll be part of a diverse global community.

*QS World University Rankings, 2021

For information on our courses, entry requirements, fees, funding and how to apply, visit our website.

www.leeds.ac.uk/southasia



UNIVERSITY OF LEEDS

GRADUATE ROUTE AND STUDENT ROUTE

You may have a lot of questions about the benefits and eligibility for the Graduate Route and Student Route, read to know more.

Harry Booty, UKVI International Communications Lead, UK Visas and Immigration answers most common questions about Graduate Route and Student Route.



Harry Booty
UKVI International Communications Lead
Home Office, UK Visas and Immigration
British High Commission

What is the Graduate route and who are eligible for it? (and who are not, eg distance learning students, those who arrive after 6 april etc)

The Graduate Route is the UK's new post-study work visa that will be available for graduates from eligible universities in the UK. It will be two years long (or three years for PHD students) and gives eligible students the right to work, or look for work, whilst in the UK. The university you study at has to be registered with the Home Office with a track record of compliance (you can check this on Gov.UK) and you have to be studying at undergraduate level or above. You won't be able to apply for this visa from anywhere outside the UK, and dependants (e.g. spouses or children) can only apply for the Graduate Route if they are inside the UK with a valid Student Dependant visa also. Furthermore, you can only avail the Graduate Route once per individual – it won't be possible to repeatedly switch from student visas to the Graduate Route, for example. The Covid concession allows for students who have commenced a course of study via distance learning, due to Covid-19, to be able to access the Graduate route provided they enter the UK prior to 06 April 2021 and complete their course within the UK. Further information on the type of course which will confer eligibility for the route will be published in due course.

From when does it come into effect and what about students affected by Covid 19 restrictions?

It will be introduced in Summer 2021, and anyone who has a valid student visa (either the old Tier 4 visa or new Student Route visa) will be able to apply, if they are in the UK with a valid visa at the time of introduction and successfully complete an eligible degree course at undergraduate level or above. We do not currently have an exact date for implementation but students who started their course in Autumn 2020 – as well as other students for example undergraduate students who started their courses in 2018 or 2019 – may be able to benefit.

Relating to Covid-19, the UK Government has confirmed that students can study online for the duration of the 2020-21 academic year. As part of that, students will still be eligible for the Graduate Route as long as they are in the UK by 6 April 2021 and then complete their course inside the country.

What benefits do I get from the graduate route?

The new Graduate Route represents a fantastic improvement for international students, who will now get more time to work, or look for work, after their studies in the UK. You do not need to be sponsored (e.g. you do not need a job offer) and can work at any skill level for any salary. This gives you more flexibility to begin your career in the UK, start earning money and explore different avenues for employment in the UK, rather than being tied to a single employer.

An important thing to note however is that it is a one-time two year (or three year for PHD) visa only, and it doesn't count towards settlement. To stay in the UK longer, or count time towards applying to permanently settle in the UK, you will be able to consider other routes – such as the Skilled Worker, Start Up, Innovator or other visa routes.

What is the student route and how does it affect students from south Asian countries

The new Student Route opened on 5 October 2020 and replaced the old Tier 4 student route. All students applying for courses within the UK, who are aged 16 or over will apply for the new Student Route. This has similarities with the old route, for example around language and finance. However, it becomes simpler in several notable ways. Most importantly, students will be able to apply up to six months before their course starts if they are applying from outside the UK – meaning they can sort their visa in good time before they need to travel. Furthermore, it will be easier for students to extend their Student Route visa inside the UK, if they wish to continue their studies (e.g. opting to do a masters after completing an undergraduate course).

What are some tips to ensure I get my visa approved? (plug in genuine student lines?)

Our main advice is to apply as early as possible. It takes about three weeks to get a response on your visa application (though it may be possible to pay for Priority or Super Priority visa service to get a response quicker, depending on where you are).

Our second main point of advice is to check your visa application and supporting documents thoroughly before submitting. Sometimes people get rejected for not meeting our basic requirements – for example not having money for 28 days before applying or not supplying evidence of English language proficiency. Visiting GOV.UK or speaking to your university about the information needed and ensuring to meet this is a simple way to maximise your chances of success.

Finally, we'd say, don't worry too much! The vast majority of applicants are successful, and genuine students have nothing to worry about from our visa process. It may be that we ask for further information or even an interview – however, if you are able to come along, talk to us fluently in English and explain your plans and intentions for studying in UK, you shouldn't be troubled by the experience.

Where can I apply for my visa and find out more? (links)

For more information on Student visas, please visit: <https://www.gov.uk/student-visa>

For more information on the Graduate Route, please visit: <https://homeofficemedia.blog.gov.uk/2019/10/14/fact-sheet-graduate-immigration-route/>

For more information on the UK Government's actions to support visa applicants during the Pandemic, please visit: <https://www.gov.uk/guidance/coronavirus-covid-19-advice-for-uk-visa-applicants-and-temporary-uk-residents>

For more information on your closest Visa Application Centre, please visit: <https://www.vfsglobal.co.uk/>

Do I need to get an IELTS test for my UK student visa?

All students must be able to speak English to a high standard to be granted a Student visa. In official language, this is to B2 standard under the Common European Framework of Reference to study at degree level or above or B1 level to study below degree level, or CEFR. In practice, this means high proficiency or near-fluency.

Whether students will be required to sit an IELTS test or not depends on the level of study that is being undertaken and the type of sponsor the study will be conducted at. Students studying below degree level must pass an IELTS test. For students studying at degree level or above UK universities do have discretion about how they test English, and may offer different options for you to show your English proficiency to them. This differs from institution to institution so it is best to check directly with your chosen university. However you prove your English will be shown on the Confirmation of Acceptance of Studies, which you need to apply for your visa. You will need to provide the evidence of English language ability that the CAS references as part of your visa application.



STUDY SCIENCE AND TECHNOLOGY



Where can I study science and technology?

You can take your pick from a wide range of science and technology courses around the UK, including from three of the world's top ten science universities – [University of Cambridge](#) (4th), [University of Oxford](#) (5th) and [Imperial College London](#) (9th)¹. With high standards of teaching and facilities around the country, a UK science degree will open your mind, and open doors worldwide for the best possible start to your global career.

What specialisms are on offer?

If you want to study science in the UK you can study a traditional science subject – biology, chemistry or

physics – or opt for something more specialised. Chemistry-related specialisms range from biochemistry and forensic science to pharmacology, while for biology you could study anything from genetics to marine biology. Physics-based degrees offer specialisms across areas as diverse as chemical physics and astrophysics to mathematical physics.

There's also a huge range of technology courses on offer, from computer science and materials science to creative music technology.

How long does it take to graduate?

Most UK science and technology undergraduate degrees take around three years to complete, with

part-time options also available. A postgraduate qualification usually takes between one and two years of full-time study.

Many universities also offer four-year undergraduate degrees with a one-year industry placement or internship with one of their partners included.

What is the course structure?

With so much variety in the sciences and different technology degrees on offer, each course is very different, but you can be sure of a number of things when you study in the UK. All UK science and technology degrees will teach you a broad overview of the subjects that you are interested in, to ensure you have a foundation of knowledge, before allowing you to specialise as you go with a modular course structure.

As well as developing critical thinking and problem solving skills you'll also be honing your practical skills inside state-of-the-art learning environments and labs with strong links to industry and research. Plus, you'll be immersed in the English language – giving you one of the most valuable graduate tools there is.

Why is the UK a good choice for science and technology?

If you want the best possible teaching in your chosen area, you'll find plenty on offer in the UK. You'll be learning under the careful guidance of some of the best science and technology minds in the world. They will be on hand to support you throughout your studies, helping you apply the theory in a versatile, practical way.

You'll also be tapping into centuries of scientific heritage and landmark discoveries, from gravity to DNA. The UK is currently ranked third in the world for citable research², with 55.2 per cent of all UK publications the product of international research collaborations.

Are there any scholarships for science and technology students?

A wide range of scholarships and bursaries are available for international students planning to study STEM courses in the UK, as well as those for postgraduate students who are already UK residents.

Some are funded by organisations such as the Institution of Mechanical Engineers while others are provided by private companies and universities themselves. You can also apply for the prestigious Chevening Scholarship or if you are from a commonwealth country you could apply for a Commonwealth Masters Scholarship.

What are my work options after I graduate?

Because you'll learn so many transferable skills from institutions recognised the world over, you'll be well-set for a career



anywhere you want to go. UK graduates are among the most employable in the world³ and every year the UK welcomes more than 53,000⁴ students of scientific disciplines and a further 53,000 for engineering and technology to launch and develop their careers. While many go on to become research scientists, others move into roles in everything from the food and drinks industry to law enforcement, energy and healthcare. Whatever you choose you'll discover the best possible you when you study science and technology in the UK.

And from summer 2021, international students will be able to apply to stay and work in the UK for two years after graduating, through the Graduate Route. Find out more [here](#).

Find out more about studying science and technology in the UK and search for a course [here](#).



STUDY ENGINEERING

Where can I study engineering?

The UK has three of the world's top ten engineering universities – [University of Cambridge](#) (3), [University of Oxford](#) (6) and [Imperial College London](#) (7)¹. But you can find world-class teaching right across the country, with a wide range of ways to tailor your studies to your chosen engineering discipline.

What is the application process?

Most engineering degrees will expect applicants to have AAB at A-level (or equivalent) including maths and physics. Other sciences, design technology and further maths are also common. The typical requirements for International Baccalaureate is 35 points, with typical IELTS requirements being 7.0 overall, and no lower than 6.5 in any one component.

How long does it take to graduate?

You can apply for one of two types of engineering qualification: Bachelor of Engineering (B.Eng) and Master of Engineering (M.Eng). A B.Eng typically takes three years to complete, while a M.Eng takes four years, or five with a year of industry placement.

What is the course structure?

Engineering degrees usually spend the first year or two covering the fundamentals of engineering, so you are well-informed before deciding how to specialise in your third and fourth years. Specialisms can cover a range of fields, from computer engineering and information technologies to bioengineering and energy.

Wherever you study you should be able to keep your options open – including swapping between B.Eng and M.Eng – whilst getting a robust understanding of the analytical, design and computing skills required to work in modern engineering environments.

Why is the UK a good choice for engineering?

The UK is home to world-recognised teaching standards and expertise in all engineering specialisms – aeronautical, materials/mineral, mechanical, chemical, computer, electrical and civil. When you study here you will learn under some of the best engineering brains in the world, in state-of-the-art learning environments and labs, whilst gaining transferrable skills that can be adapted to all kinds of challenges and settings.

What is engineering like in the UK?

The UK is home to centuries of engineering heritage, and that knowledge has been exported worldwide. Today, engineering is vital to the UK economy. The UK is ranked fifth in the world for innovation and 27 per cent of enterprises in the UK are engineering-related², employing 5.6 million people in the UK. This has helped to give UK universities excellent industry links, ensure their graduates are at the cutting edge of theory and practice.

Are there any scholarships for engineering?

There's a wide array of engineering scholarships open to international students thinking of studying in the UK. From [IET accredited scholarships](#) such as Diamond Jubilee Scholarships, Engineering Horizons Bursary and Power Academy Scholarships to marine specific scholarships from [The Shipwrights Bursary Scheme](#) and bursaries funded by the [Institute for Civil Engineers \(ICE\)](#) and the [Royal Academy of Engineering Scholarships](#). A large number of universities also offer their own scholarships to international students.

What are my work options after I graduate?

Graduating in engineering from the UK ensures that you will be highly employable anywhere you want to go. UK graduates are among the most employable³ in the world, and you can follow your career into sectors as diverse as agriculture, education, pharmaceuticals and journalism.

Starting salaries for engineering graduates tend to be around £26,000-£29,000, with massive earning potential worldwide. Whether you want to be an aerospace engineer, a nuclear engineer or a technical writer, you'll find the best possible start to your career in the UK.

And from summer 2021, international students will be able to apply to stay and work in the UK for two years after graduating through the Graduate Route. Find out more [here](#).

Find out more about studying engineering in the UK and search for a course [here](#).

JOIN OUR WORLD IN 2021



One of the UK's leading Universities, Kent offers international students an outstanding student experience, a superb academic environment, world-leading research and stunning locations in the UK and Europe.

Why choose Kent:

- Kent was awarded Gold, the highest rating, in the UK Government's Teaching Excellence Framework†
- Kent is in the top 400 in the Times Higher World University Education Rankings
- Dedicated scholarships for international students
- Vibrant international community with students from over 159 nationalities studying at Kent

Find out more

E: internationalstudent@kent.ac.uk
www.kent.ac.uk/international

† The University of Kent's Statement of Findings can be found at:
www.kent.ac.uk/tef-statement

University of
Kent

STUDY MATHEMATICS

Where can I study Maths?

The UK has three of the world's top 15 maths universities – University of Cambridge (4), University of Oxford (5) and Imperial College London (11). But you can find world-class teaching and mathematics courses right across the UK, with a wide range of specialisms to serve your chosen mathematics career.

Course structure and options of study

Calculus, trigonometry, fractals – do these words make you weak in the knees? Then explore your interest in formulas and numbers and study a degree in maths in the UK. Maths degrees in the UK are expected to build your concepts of pure mathematics (linear algebra, geometry, etc), applied mathematics (calculus, mathematical methods, modelling and numerical analysis), and statistics (including probability and operational research).

The first year will provide an overview of the subject building on what you studied at the A-levels or equivalent. The next two or three years will be for specialising, in cryptology, group theory, fluid dynamics, mathematical biology or Bayesian statistics.

Mathematics in the UK can be studied as a single honours degree, or paired with other subjects such as economics, accounting, languages, sciences or education.

You may also study mathematics with a language, for which some universities offer placements abroad.

Teaching methodology

Like most courses in the UK, you will be taught using a multitude of techniques and approaches which will include a mixture of classroom lectures, seminars, workshops and tutorials. You will be expected to grasp key concepts, learn to use maths for problem solving, and learn to present your work to your peers and faculty. Assessments will be regular and through written tests, coursework and projects.

Entry requirements

To start a maths degree in the UK you will need a A level maths or equivalent. Some universities require maths, and some further maths. Physics and computing or computer science can be useful. Entry levels will depend on each universities criteria but be prepared for a challenging step up from your school level maths if you are starting at the undergraduate level.

Some universities like the University of Cambridge and the University of Warwick may request that you successfully complete a STEP (Sixth Term Examination Papers) paper in maths as an additional qualification. Other universities may have specific tests or requirements as well..

Universities are flexible about other subjects studied alongside maths though some Scottish universities may require a science subject.

Careers after studying Maths

Mathematics graduates while typically enter industry, business and commerce, where employers hire them for their problem-solving skills, in reality, a vast array of careers and sectors lie ahead as possible career choices for maths graduates.

Banking, actuarial sciences and the financial sector as a whole, construction, engineering, accountancy, the civil services and computer science all hire maths graduates. Salaries can be competitive.

Of course, one can go down the academic path and pursue careers in research or teaching as well.

How long does it take to graduate?

Typically undergraduate bachelor degrees are three to four years, and postgraduate masters degrees are one to two years.

Why is the UK a good choice for mathematics?

The UK is home to world-recognised teaching standards and expertise in all STEM subjects, including mathematics. Studying maths in the UK will ensure you are learning from the best maths minds in the world, earning globally recognised degrees in state-of-the-art universities, building reasoning and problem solving skills that will stand you in good stead across a range of careers anywhere in the world.

Are there any scholarships for Maths?

A wide range of scholarships and bursaries are available for international students planning to study STEM courses in the UK, as well as those for postgraduate students.

There are scholarships offered by universities themselves and you may also apply for the prestigious [Chevening Scholarship](#) or if you are from a commonwealth country you could apply for a Commonwealth Masters Scholarship.

ABOUT IELTS

IELTS-The International English Language Testing system, is one of the most trusted English language tests around the world with more than 10,000 organisations recognising it internationally. It is accepted by educational institutions, companies, professional bodies and government organisations in the UK, the USA, Australia, Canada, New Zealand, Singapore, Europe and 140 more countries around the world.

IELTS is one of the pioneering English language assessments developed by the prestigious University of Cambridge and offered by the British Council. The test has been setting the standard for English language testing and is trusted for both academic and immigration purposes.

The IELTS test assesses the English language ability of a candidate by evaluating all the four skills i.e. Listening, Reading, Writing and Speaking. There are two IELTS tests :

IELTS Academic: assesses the degree of English language proficiency for an academic environment.

IELTS General Training: assesses the candidates English language level to function effectively in everyday situations.

IELTS can be taken on Paper (test takers to sit at a desk with the question papers and answer sheets for the Reading, Listening and Writing tests) or **on Computer** (test takers to sit the Reading, Listening and Writing tests in front of a computer with the questions presented on the screen). The Speaking test is carried out face-to-face with a trained IELTS examiner either in-person or over video-call.

When you book IELTS with the British Council, the booking process is simple and hassle free online . We also provide you the following benefits:

- **Free access to the Road to IELTS Last Minute course:** Includes 100 interactive activities, videos tutorials, and practice tests for the four skills.
- **Free access to WORDREADY:** An online resource delivering personalised vocabulary learning.
- **Practice tests:** Free practice tests online at takeielts.org/prepare .
- **Carefully selected venues:** 850 official British Council IELTS test centres
- **Professional and friendly staff:** Highly trained and experienced staff



There are two IELTS tests

IELTS Academic: assesses the degree of English language proficiency for an academic environment.

IELTS General Training: assesses the candidates English language level to function effectively in everyday situations.

- **Five Test Report Forms (TRF) free:** Five Free additional copies of your Test Report Form sent directly to institutions.

For more information on IELTS or to book your IELTS Test, please visit the country websites based on where you would like to take the test.

[India](#) | [Bangladesh](#) | [Nepal](#)

[Pakistan](#) | [Sri Lanka](#)

IELTS[™]
English for International Opportunity



University of
Nottingham

UK | CHINA | MALAYSIA



Choose the best - we are in the world's top 100

* **QS World Universities Ranking 2021**

Benefit from our lower tuition fees in Malaysia - a fraction of the UK cost but the same high quality teaching and on graduation, you receive the same Nottingham UK degree award.

Our STEM programmes are ranked top 50 in the world and available at our branch campus here in beautiful Malaysia. Join us in 2021 and enjoy our sprawling green campus, overlooked by tropical mountain scenery and a short ride into Kuala Lumpur, one of the world's safest and most culturally vibrant cities.

Excited? Want to know more?

Visit our website or get in touch with us at nottingham.edu.my/enquiry and we'll guide you on your journey to the University of Nottingham Malaysia.

 nottingham.edu.my/study

The University of Nottingham in Malaysia Sdn Bhd (473520-K)

ALUMNI STORIES

INDIA

Malvika Mehta



... on the way to their house on my two-wheeler scooter, my mother screamed out, on the road, to the world at large, that I have received the scholarship and I will be going to UK to study.

Malvika Mehta, 25 is from Maharashtra. During her second year of Bachelors in Ayurvedic Medicine and Surgery, she attended a course on forensic science and toxicology. The subject piqued her interest enough to make her decide to pursue it further. She applied to a number of universities around the world to pursue further education in Forensic Science. She finally heard from the British Council and from her most preferred Cranfield University at Bedfordshire. For Malvika, the timing of the scholarship was apt. She completed her course from Bharti Vidyapeeth College of Ayurveda in Pune in 2018 and in the same year went to the UK to study further. Her mother had to mortgage their house to raise funds, and she had already paid the deposit for the course. The scholarship from the British Council helped ease the burden of debt significantly.

Malvika enjoyed her stay in UK, she actively built networks with other scholarship recipients like the Chevening scholars. Friends, academics and the

university also helped her build good connects. September 2018, when she started her course, following advice of the university, she started applying for jobs. She said, *"I applied for 388 jobs in 13 months! There is restriction in UK and US around confidentiality and security vetting for working on forensics. Without the vetting one requires three years of residency and that comes with a job."* Eventually she came back to India. She worked with the Pune police and is also designing and delivering training modules on forensics. The experience of studying and living in UK has increased her confidence and given a sense of agency. She is currently working as a freelancer and has some interesting assignments and contracts in hand. At the time of writing this, Malvika was on her way to the southern state of Kerala, on an emergency deployment for a forensic investigation surrounding the crash of Air India Express Flight IX-1344 on 7 August 2020 from Dubai to Kozhikode.

Malvika Mehta's testimonial is part of the British Council's 'Tracer Research Study' done in 2020.

Sarah Jabeen



Sarah Jabeen, 27, hails from the historic city of Lucknow. After completing her education at the Awadh Girls Degree College in Lucknow, Sarah set her sights on a master's degree outside her city. However, much to her disappointment, she was unable to secure admission anywhere, forcing her to drop that year and start working. A year later, she tried again and went on to join a two-year Master's programme in Early Childhood Development at the prestigious Jamia Milia Islamia in Delhi. Sarah then returned to Lucknow and took up a job as a school counsellor. But she always dreamed of studying further, Sarah started researching courses at universities in the US and the UK, she applied to universities in the UK. However, she was adamant that she would take up any admission offer only if she received a scholarship, or if she was able to pay for it herself. So, when she received the offer of a full scholarship from the British Council, her joy knew no bounds. Since that joyful day in February 2018, Sarah has gone on to study in the UK at the Bangor University.

The one year that Sarah spent in the UK gave her exposure to a world-class education and the opportunity to experience a new and diverse culture. At the university, she worked part time as an International Student Ambassador, supporting the university in the recruitment of international students. Sarah said that this helped her develop her abilities 'to lead and to be led'. *"When something comes to you with difficulty, you value it more. One year was a short time, and I wanted to make the most of the time I had"*, says Sarah.

In addition to her academic and her job as an International Student Ambassador, she was part of the dissertation committee for the School of Psychology at her university. These experiences gave her the opportunity to build her self-confidence, leadership qualities, and grow as a person. Being a recipient

Who would have thought that I will have friends from Ghana, Egypt and Spain? We lived together and grew very close. Our shared accommodation was our home and we were a family.

of this scholarship has increased Sarah's standing among her friends and family. Though her family was always supportive of women's education, the fact that she got a full scholarship from the British Council to study in the UK, made her go up in their estimation substantially. Sarah speaks with delight of how excited her family was when they learned that she had met the then Prime Minister Teresa May. Without the scholarship, Sarah says, *"I could not have experienced all this. I would still have been in Lucknow, working as a school counsellor"*.

Sarah Jabeen's testimonial is part of the British Council's 'Tracer Research Study' done in 2020.



Varun Kumar



Varun Kumar is a former postgraduate from University of Bath originally from Chennai, India. He secured the British Council Great Scholarship 2019 to pursue his MSc in Robotics and Autonomous System. Even in times of COVID, Varun was successful in securing a graduate job in the U.K and is currently a Robotics Engineer at the United Kingdom Atomic Energy Authority – Culham Centre for Fusion Energy, working towards the application of robotics in nuclear fusion and contributing towards a greener and sustainable future.

“I graduated with First Class and Distinction from University of Bath, Bath is a beautiful city in the county of Somerset with rich heritage and architectural significance. I always believe “Hard work never fails” and I’m fortunate to now work in a UK government research organisation responsible for the development of nuclear fusion power.”

Having set my aspiration to study in the U.K, the Great Scholarship greatly helped me realise my dreams and reduced my financial burden entering the U.K. I started my studies in September 2019 and as common as it may sound, it took me some time to settle down to the culture, food habits, location of essential shops and especially the British weather which is highly unpredictable. Having a mental preparation during winter where it gets dark at 4.00pm in the evening is something to bear in mind. However, I soon began to get a grasp of things and once I managed to find a balance between my academic and social life, my student life became far more engaging.

As Robotics is a blooming field the course structure was very appealing as it had more scope for practical application of theoretical concepts through group projects and lab sessions. I had a wonderful opportunity to become a Student Ambassador for my course which helped me get to better know my fellow peers and get their feedback on their experience. I was fortunate to spend my first semester with no COVID interruptions, However the major lockdown in March 2020 meant that my entire second semester shifted towards online learning. Even at such hard times, the University didn’t compromise in its educational quality and made the transition to online lectures much smoother.

I graduated with First Class and Distinction from University of Bath, Bath is a beautiful city in the county of Somerset with rich heritage and architectural significance. I always believe “Hard work never fails” and I’m fortunate to now work in a UK government research organisation responsible for the development of nuclear fusion power.

Apart from attending lectures and writing reports, spending time to indulge in extra-curricular activities is often encouraged in any University. Another thing I was looking forward to was attending university career fairs where you get an opportunity to stand out and directly talk to recruiters from various industries.

Living abroad has not only helped me gain the much-needed educational exposure but also helped me become more independent, making me more self-sufficient in standing my decisions. I also found that getting a part-time job after my class hours helped in managing my daily expenses and manage my time effectively. I believe these are key things to develop within an individual moving forward from a university life to a professional career.

I would also insist prospective future students to start applying for jobs once they start their studies in the U.K and work towards expanding their network. For instance, using platforms like LinkedIn to approach companies and recruiters greatly helped me in knowing current trends in my field. The STEM field in U.K is rapidly growing and there is plethora of opportunities to secure a job having the desired skill set and attitude. Having worked in the U.K. I learnt a lot right from personal development to having the confidence to raise questions and share my ideas in meetings. On the whole, my experience in U.K was truly inspiring and I’m glad to have made the decision to come here and start my career.

“Varun is determined to use the academic and professional experience in Robotics in the U.K to work towards solving issues related to climate change and help decarbonize the earth.”



I remember the day I got the offer letter to the University of Leeds; it's become one of my greatest life experiences. I've recently graduated in MSc Advanced Computer Science and it was an honour to pursue my degree from a University which is not only a Russell Group University but also top 100 in the world*, top 10 in the UK for research power* and has a diverse student population from around the world. The quality in teaching that I have received is truly reflected in their Gold award in the Teaching Excellence Framework*.

The School of Computing ranks in Top 10 in the UK*. The professors and tutors were well researched in their field with extensive teaching experience, but also approached students in a very friendly, patient

and kind manner. They all had an open-door policy and were eager to help students reach their full potential, academically and professionally. During projects, we had access to a wide range of specialist facilities and laboratories allowing practical experience with future technologies. The perfect blend of practical and theoretical knowledge throughout my degree, will leave a lasting imprint on me that I will carry onto my future careers.

One of my favourite social aspects was the Leeds University Union (LUU), which is run by students for students. It has over 300 clubs and societies, ranging from cultural, religious or sports! It was the perfect way to meet new friends and bridge cultures from around the world. Along with the societies, I found part time jobs to enhance my experience through 'JobLink' and received support for my future career at the Career Centre. From STEM specific career fairs to 1-1 counselling, I feel confident and prepared into my future career.

My time studying, making new friends and exploring a new me at the University of Leeds has been a life-transforming journey and I can never be thankful enough to the community on campus and the city.

If you are interested in studying at the University of Leeds, you can contact our South Asia team via www.leeds.ac.uk/southasia

*QS World University Rankings 2021

*2014 Research Excellence Framework

*Teaching Excellence Framework (TEF)

*Complete University Guide 2021



Ismat Imaan

Co-founder of Kipple



“We want to question the very inevitability of waste”

I am from India and I went to UEA to study Environmental Assessment and Management. But since UEA is very flexible on what you can study, I decided to do a module in international development where I met Jana and we instantly became friends.

One day we were walking around campus and came across all these piles of things the students had left behind or thrown away even though almost all, maybe 85% of what was there was all perfectly usable.

That's when 'Kipple' was born. Kipple creates 'shareable, sustainable starter kits for students'. Kipple rents these kits out, collects them when they're no longer needed, has them professionally refurbished and then re-rents them, reducing the amount of waste generated.

The skills I learnt during my masters have helped me in business...

UEA is one of the few universities that has resources for graduates to use up to five years after graduation and that is the support we received from the Enterprise Centre at UEA. This support has been the key in helping us go strength to strength.

We wouldn't be where we are without it. There's funding, which we've benefited from – the 'Grow It' £7,500 grant from the UEA Enterprise Fund. But just as important is the mentorship, resources, confidence building, and help creating networks in the community which UEA provided with. We have a lot that we've been able to access studying at UEA.

I learned to think systematically about a situation and decide if a risk is significant or not and then work out how to mitigate it. I didn't think that way before. And now everything I think about I do it that way. That would be finance, risk analysts, market research. When you run an enterprise, every day is a new day; I've used the skills I learnt in my degree every day.

PAKISTAN

Amna Zamir



With a degree in Law from International Islamic University, Islamabad followed by an LL.M Human Rights Law from University of Leicester, United Kingdom; Amna is well-versed in demonstrating excellent judicial skills & is a natural leader who has

been in this challenging field for almost 12 long years.

Amna joined Gilgit-Baltistan Judiciary in August 2006 after attaining merit 01 in the competitive exam for Judicial Officer held by Federal Public Service Commission, Islamabad. Recently promoted to the rank of Additional District & Sessions Judge BPS-20, Amna has worked in the past as Civil Judge/Judicial Magistrate & as Senior Civil Judge in five Districts of Gilgit-Baltistan.

Amna Zamir is a British Chevening Scholar & was a nominee for the Professional Excellence Award, UK Alumni Awards 2017. In addition, Amna was declared as a Global Change Maker by the British Council & was amongst 35 change makers from around the globe. Amna has also worked in voluntary capacity with The Agha Khan Conciliation & Arbitration Board & is a trained mediator & conciliator. Amna began her career with Gilgit-Baltistan Judiciary with the hope to bring change & introduce innovative ideas to the court environment after exchanging judicial knowledge with counterparts in other parts of the world.

Dr. Asha de Vos



Dr. Asha de Vos is an internationally acclaimed Sri Lankan marine biologist, ocean educator and pioneer of long-term blue whale research within the Northern Indian Ocean. She is also an Adjunct Research Fellow at the Oceans Institute of the University of Western Australia. She has a BSc in Marine and Environmental Biology from the University of St. Andrews, MSc in Integrative Biosciences from the University of Oxford and a PhD in Environmental Engineering from the University of Western Australia but escaped academia

In 2018 Asha won the WingsWorldQuest Woman of Discovery at Sea award, was a finalist of the Pritzker Environmental Genius Awards, a global winner for the British Council Study UK Alumni Awards in the Professional Achievement.

to establish her own Sri Lankan grown non-profit, Oceanswell - Sri Lanka's first marine conservation research and education organization.

Her work has been showcased internationally by the BBC, the New York Times, TED and National Geographic to name a few. Asha is the first and only Sri Lankan to have a PhD in Marine Mammal research, the first Pew Fellow in Marine Conservation, first National Geographic Explorer from Sri Lanka and the first Sri Lankan woman to have her portrait hung at Oxford University. Asha is also a TED Senior fellow, an Ocean Conservation Fellow at the New England Aquarium, a Duke Global Fellow in Marine Conservation, and a World Economic Forum Young Global Leader.

In 2018 Asha won the WingsWorldQuest Woman of Discovery at Sea award, was a finalist of the Pritzker Environmental Genius Awards, a global winner for the British Council Study UK Alumni Awards in the Professional Achievement category that recognizes alumni whose work has created change in their chosen profession and awarded Asha with two awards as Global and Regional under Professional Achievement award. She was also awarded the Woman in Management Inspirational Woman of the Year Award, Ada Derana Sri Lankan of the Year Emerging Global Scientist Award, named one of Asia's sustainability superwomen, listed on the BBC 100 Women 2018 list of most inspiring and influential women from around the world and named Lanka Monthly Digest's Sri Lankan of the Year.

In 2019 Asha was named one of 12 Women Changemakers by the Parliament of Sri Lanka and won the inspirational icon awards at the 21st Century icon awards in London. In 2020, she was named a HCL Technologies Global Goodwill Champion at the World Economic Forum's annual meeting in Davos and was awarded a Maxwell-Hanrahan Award in Field Biology.

Istiaque Ahmed



Architect Istiaque Ahmed is currently based at Delft, in the Netherlands, where he is pursuing his PhD in Architecture at Delft University of Technology (TU Delft). Before joining here Istiaque served as a full-time faculty member in several public and private universities in Bangladesh and also worked under the eminent Dhaka based architect Saif Ul Haque.

As an architect, Istiaque's research and practice focus on informal urbanisation, socio-environmental justice, urban risk, and participatory methodologies of design. He has undertaken action-research, training and capacity building at various levels and worked closely with communities to devise strategies towards socio-environmentally just urbanisation.

Istiaque completed 5 years of professional Bachelor of Architecture (B.Arch) degree in 2012 from Khulna University, Bangladesh securing 1st position in merit. Subsequently, in 2016, he obtained MSc Degree with Merit from The Bartlett, University College London (UCL) under the Commonwealth Scholarship in UK scheme.

The masters in an esteemed university like UCL provided top-notch education along with a unique opportunity of gathering experience in a global city like London. The overwhelming experience of UK life, the challenges and encounters of a demanding master's degree facilitated Istiaque's professional transformation and made him capable in research based design. Additionally, from the more academic point of view, the degree empowered Mr Istiaque to think beyond the conventional architectural domain and facilitated with necessary theoretical and hands-on knowledge in order to integrate cultural, social, economic, political and spatial factors in the design process. In developing countries like Bangladesh such context specific and problem oriented design responses are extremely necessary particularly tackling the future challenges of climate change in the cities. However, at present, massive inadequacies of research driven architectural practice are apparent and Istiaque holds a vision to put a meaningful contribution in this specific sector utilising his past academic and professional experiences.

After completing PhD Istiaques' career ambition is to establish a design research platform for providing technical support not only to the key stakeholders but also to the disadvantaged communities in order to achieve a just and equitable future.



UNIVERSITY PROFILES





Founded in 1583, the University of Edinburgh is one of six ancient universities in the UK and an international centre of excellence in research, teaching and innovation. Set in the heart of Scotland's historic capital city, the University is consistently ranked as one of the world's top universities, rated 20th in the world by the QS World University Rankings 2021. Edinburgh is a member of the Russell Group, Universitas 21, and the League of European Research Universities (LERU).

The University is made up of three colleges: Arts, Humanities and Social Science, Science and Engineering, and Medicine and Veterinary Medicine. Within these three colleges, there are 21 academic schools. Offering around 500 undergraduate degree programmes, more than 300 postgraduate taught masters courses and 130 research areas covering a wide range of academic disciplines, the University of Edinburgh truly offers an education for life.

The College of Science and Engineering accommodates over 9,000 students and under 2400 staff. The College comprises 7 faculties ranging from Informatics, Biological Sciences, Chemistry, Engineering, Mathematics, Physics and GeoSciences. Popular STEM subjects include Biological Sciences, Computer Science and Artificial Intelligence –

regularly attracting applications from a high volume of Indian students. Key research from the College of Science and Engineering, include the development of Li-Fi communication, a wireless communication 100x faster than WIFI, coined by Professor Harald Haas and the development of the Higgs Boson Particle from Professor Peter Higgs which revolutionised particle theory.

Our entrepreneurial and cross-disciplinary culture, and international outlook attracts students from all corners of the globe. There are currently over 41,000 students at the University with some 18,000 international students from over 156 different nationalities which creates a unique Edinburgh experience. Over 500 international students are from South Asia, including over 400 from India and there are over 2500 alumni in the region and over 1100 of them are living in 45 countries around the world.

CONTACT

Harish Lokhun
Regional Manager - South Asia
E: harish.lokhun@ed.ac.uk

Imperial College
London

**THE MOST INTERNATIONAL
UNIVERSITY IN THE UK**

*Times Higher Education Most
International rankings 2020*

EXCLUSIVELY

Science

+ Medicine

+ Engineering

+ Business

WORLD CLASS

EDUCATION



**TOP 10
BEST UNIVERSITY
IN THE WORLD**

QS World rankings 2021

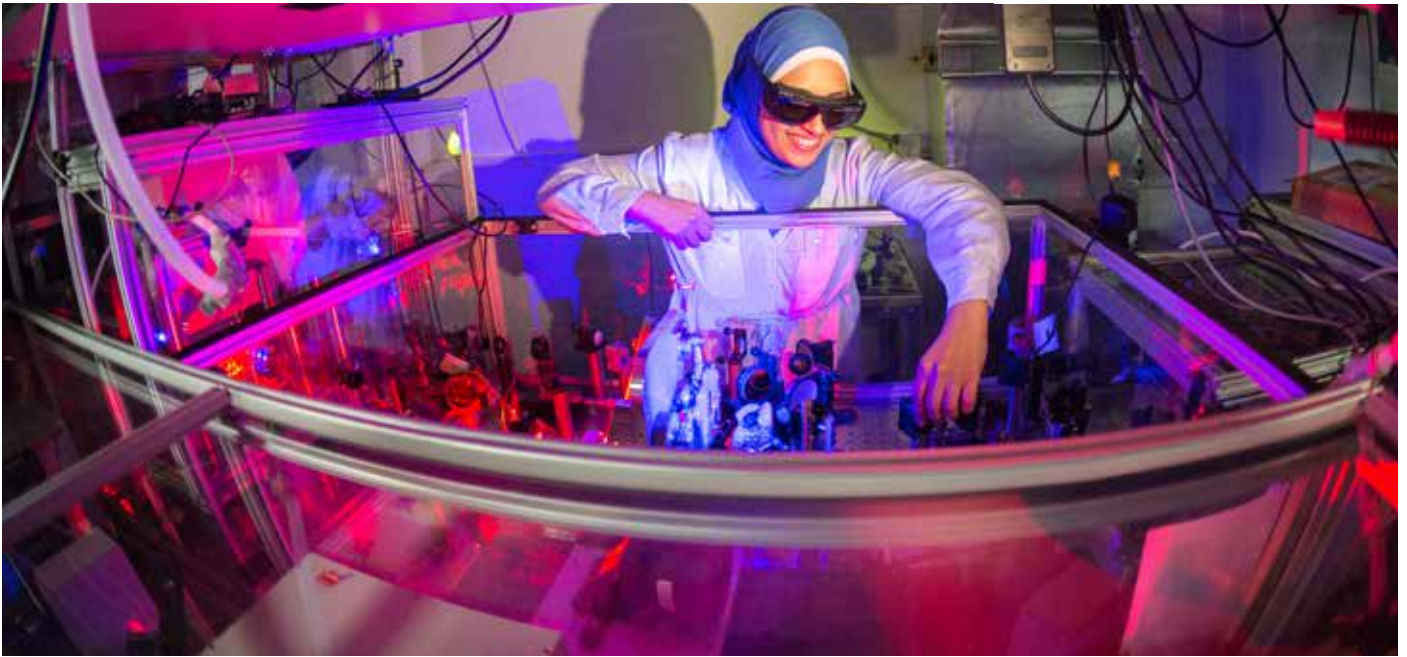
**NO. 1 IN THE UK
FOR GRADUATE
PROSPECTS**

The Guardian University Guide 2020

**NO. 1 IN THE UK
FOR INNOVATION**

*Reuters World's Most Innovative
University rankings 2019*

Find out more: [imperial.ac.uk](https://www.imperial.ac.uk)



Ranked 8th in the world in the QS World University Rankings 2021, Imperial College London is a unique institution in the UK, focusing solely on science, engineering, medicine and business. Such a concentration of expertise from many different but closely related subjects creates a challenging yet highly rewarding education. We're a member of the prestigious Russell Group within the UK and have the highest proportion of "world-leading" and "internationally excellent" research of any major UK university.

The strength of our global reputation and the quality of our staff are two of the most important advantages of an Imperial education. You will learn from – and alongside – pioneering researchers, make connections with business and tech innovators, develop your skills with education experts and have opportunities to meet top global employers. Imperial offers an education that is research-led, exposing you to real world challenges with no easy answers, teaching that opens everything up to question, and opportunities to work across multi-cultural, multi-national teams.

Today we have one of the highest concentrations of high-impact research of any major UK university. We are a truly global community, bringing together the best people from around the world. Our researchers collaborate on a wide range of international projects and partnerships with institutions across the globe. We are committed to addressing some of the world's biggest challenges including: engineering novel solutions; health and wellbeing, including the current research in COVID-19, combatting food insecurity and maintaining data security as we channel our expertise into making the world a healthier, safer and cleaner place to live.

We are proud of our international outlook, ranked as the UK's most international university (Times Higher Education 2020). Imperial is one of the most international universities in the world, with 60% of its student body in 2019-20 being non-UK citizens and more than 140 countries are currently represented on campus. Our academic staff include some of the world's most renowned scientists, medics and engineers. They come here from across the globe and contribute diverse perspectives, new ideas, and fresh approaches to solving complex problems.

Our location in central London sets us in the heart of a truly international community, with some of the world's biggest businesses on our doorstep. Over 100 of Europe's 500 largest companies are headquartered in London, putting a global job market right on your doorstep. If you want a student experience unlike any other London has plenty to offer – most recently ranked the best in the world, in the QS Best Student Cities 2019.

Imperial currently holds the top spot for graduate employability in The Guardian University Guide 2021 and top for graduate prospects in The Times and Sunday Times Good University Guide 2021. We're committed to maintaining this success. Our Careers Service is on hand to support your career planning from your very first day and for up to three years after graduation.

You can explore our South Kensington Campus and halls of residence without leaving your home by taking a virtual tour with Imperial360.

For more information on our courses and life on campus, click [here](#).



University
of Dundee

Discover the University of Dundee

An education
that will make
your whole
family proud.

- A **top 20** university in the UK
Guardian University Guide 2021
- One of the **world's top 250** universities
Times Higher Education 2021
- **No. 1 in Scotland and No. 4 in UK** for
graduates entering professional occupations
Graduate Outcomes Survey 2020
- **No. 1 in Scotland and No. 4 in the UK**
for overall average satisfaction
International Student Barometer 2019
- A **self-contained and safe city campus**,
with everything you need in easy reach



Learn more at: dundee.ac.uk
#DiscoverDundee

The University of Dundee was the winner of the University of the Year for Student Experience in The Times and The Sunday Times Good University Guide 2020. The university is also ranked 3rd in the UK for satisfaction with teaching and 8th for programme satisfaction in the Guardian University Guide 2020. Home to over 16,000 students, the student satisfaction rates speak volumes of the university's environment, offering a happy and healthy student life.

The university has specialised schools to conduct cutting-edge research, and a Centre for Entrepreneurship, which allows students and staff to nurture their ideas and take part in various competitions or fellowship programmes.

Located in eastern Scotland, the city of Dundee offers a vibrant, multicultural life to international students. Graduate employment records of the university are consistently high, and 96.4 per cent of its students go into employment or further study within six months of graduation (Destination of Leavers from Higher Education UK, 2016/17).

Teaching Quality

The university was awarded a gold ranking in the 2017 Teaching Excellence Framework (TEF) and 76 per cent of Dundee's research was rated as 'world leading' or 'internationally renowned' in the most recent Research Excellence Framework (2014).

Students can access world-class facilities to add to the excellent teaching on offer. Facilities include a state-of-the-art library, extensive IT facilities and campus Wi-Fi.

Students can take advantage of relatively small class sizes with tutors who are available to answer any questions that they may have. As a result, students will have the perfect opportunity to get the most out of their tuition which will be tailored to what they need.

Department Structure

The University of Dundee is split into ten schools, each one with a focus on a different set of academic disciplines. All schools have associated research centres or units. The schools are:

- **Duncan of Jordanstone College of Art & Design:** offers courses in ten different art and design disciplines including animation, fine art and textile design.
- **School of Business:** this school teaches courses in a range of subject areas including accounting, business and economics.
- **School of Dentistry:** Dundee is ranked second in the UK for dentistry (Complete University Guide 2020).
- **School of Education and Social Work:** this school has two research centres: the Centre for Peer

Learning and The Centre for Transformative Change: Educational and Life Transitions (TCELT)

- **School of Humanities:** subjects taught within the School include English, history and philosophy
- **School of Life Sciences:** one of the world leaders in biomedical and health sciences
- **School of Medicine:** students have access to a range of facilities includes a Clinical Research Imaging Facility (CRIF)
- **School of Nursing and Health Sciences:** providing courses in adult, child and mental health nursing.
- **School of Science and Engineering:** courses in anatomy and human identification, computing, engineering, mathematics and physics.
- **School of Social Sciences:** offering a range of subjects including architecture, law and politics

Entry Requirements

Students can find entry requirements for all courses on the relevant course pages.

All courses at the University of Dundee are taught in English, so international students will need to meet English language requirements for their chosen course. If a student's first language is not English, they will have to provide IELTS results, with a minimum score usually of 6.5 or equivalent.

Graduate Outcomes

In the Destinations of Leavers from Higher Education survey, published in June 2017, 96.4 per cent of graduates from the university were either in professional employment or further study within six months of graduation.

Several courses include chances to participate in volunteer work, networking or placements. There are regular careers lectures and seminars that provide students with an insight into their career of choice.

CONTACT

Grant Smith
Senior International Officer
Regional Lead (South Asia & Americas)
T: +44 7894708280
E: g.h.smith@dundee.ac.uk

Tackling global challenges

As a leading Russell Group university, and in the UK's top five for research, the University of Bristol is at the cutting edge of science education.*

Discover your passion

Bristol's world-class teaching and research covers a wide variety of STEM subjects at undergraduate and postgraduate level.

You can specialise in a diverse range of subjects, from robotics and artificial intelligence to data science and financial tech. As well as engineering, science and mathematics courses, we also offer medical, dental and veterinary degrees.

Boost your career

Our courses are shaped by the latest research and led by expert academics. A degree from Bristol is an investment in your future, thanks to our tailored careers support, industry connections, and excellent employer reputation.

Join an international community

Bristol is a beautiful, vibrant and multicultural city in south-west England, with thriving technology, electronics and engineering industries.

Scholarships are available for international students, and you will be supported during your studies to reach your full potential.

Join us and help solve the world's most pressing challenges.

**THE* analysis of REF 2014

Find out more
bristol.ac.uk/bc-stem



One of the leading Russell Group institutions, the University of Bristol is at the cutting edge of global research. The academic quality of the University is reflected partly in the 13 Nobel Prizes and the numerous Fellowships associated with the University community. Bristol is one of the most popular and successful universities in the UK, ranked in the world's top 60 in the QS World University Rankings 2021.

We attract students from all over the [world](#), creating a rich and exciting international community. With nearly 450 students from India, Bangladesh, Nepal, or Sri Lanka (2020) you can be certain of a warm welcome and an instant network of friends from your country, and beyond.

Our research and teaching meets today's global challenges

Our research tackles some of the world's most pressing issues in areas as diverse as infection and immunity, human rights, climate change, and cryptography and information security. Our courses

are shaped by the very latest thinking, and our students work on real-life projects with academics who are experts in their field.

We aim to equip our students with the knowledge and skills to succeed in their chosen career in a competitive global market, and prepare them for the future career. We teach and research in a wide variety of STEM subjects, across several of [our faculties](#), and not just in Engineering, Science and Life Sciences or Health Sciences.

Life in Bristol

Bristol is a vibrant, dynamic city with a reputation for creativity and sustainability. It is a multi-cultural harbour city in the beautiful West Country, southwest of London and only 1 hour 40 minutes by train from London.

Bristol's modern economy is built on creative media, technology, electronics, and aerospace engineering industries, from Airbus to Bristol VR Lab, from the BBC to the science and tech hub FutureSpace. We have England's strongest digital media supply chain outside London, and Bristol is a buzzing incubator for start-ups and new enterprise. Named best business incubator in the world by UBI Global, Bristol's SETsquared has helped over 2,500 UK start-ups.

CONTACT

E: india-office@bristol.ac.uk
Instagram: [@universityofbristol](#)
Facebook: [bristoluniversity](#)
Twitter: [@BristolUni](#)



Improve your employability with an engineering master's from the University of Bath

Develop your skills and stand out with degrees created with industry input that give you access to professional and practical experience

The University of Bath is a UK Top Ten University (the Guardian; 2021), with excellent connections to industry and a focus on creating 'work-ready' graduates. Overlooking the UK's only UNESCO World Heritage city, the university offers students the option to take a placement or gain industry exposure on more than two hundred courses across all subject areas. The university also offers a lifetime of careers service support, helping Bath students and alumni to achieve their maximum professionally.

Our courses: your future

From preserving our historic architecture to exploring the future of vehicles, our courses cover the breadth and depth of engineering and design disciplines:

- MSc Architectural Engineering: Environmental Design
- MSc Automotive Engineering with Electric Propulsion
- MSc Civil Engineering: Innovative Structural Materials
- MSc Conservation of Historic Buildings
- MSc Engineering Business Management
- MSc Engineering Design
- MSc Environmental Engineering
- MSc Mechatronics
- MSc Modern Building Design including placement
- MSc Robotics and Autonomous Systems

Underlying our degrees is the common theme of providing a study experience that gives you the skills and knowledge valuable to employers. We've worked with industry to develop our courses to meet the needs of the engineering sector now and for the future. They are delivered by academics with a wealth of expertise and experience to teach and support you through your MSc.

As well as learning the technical and practical elements of your course, it's also important to us you develop the transferable skills you expect to find in professionals. This is why we integrate project work into our degrees so you get experience of project management and teamwork to grow your communication and leadership skills.

Get professional insight and experience while you study for your MSc

Because we work closely with industry, we try to incorporate chances to engage with them in different ways depending on which course you study.

Placements

Our MSc Modern Building Design and MSc Robotics and Autonomous Systems include 3-6 month placements taken after your second semester.

How do they benefit you?

- our good industry links give you access to a range of placement providers
- you have the option to base your dissertation on a project with your placement company
- a placement can help reassure your future employers of your professional experience
- it is an opportunity to build relationships in industry

Practice Track

The unique Practice Track is an optional company-sponsored group project that can be taken in place of a dissertation on our MSc Engineering Business Management.

How do they benefit you?

- you'll have the opportunity to be mentored by experienced industrial leaders
- you'll work on a real engineering or technology management challenge in multidisciplinary teams
- you'll apply the knowledge and behaviour-based skills you have learnt during your studies

What our graduates say

"Through my MSc studies, I developed a deep appreciation for conservation principles and a thorough understanding of conservation techniques used in the UK. Also, I got introduced to the company I now work for."



Jasonas Bakas, MSc Conservation of Historic Buildings graduate

USEFUL WEBSITES

British Council

The British Council is the United Kingdom's leading cultural relation organisation. Visit our website to know more about us.

India

Nepal

Pakistan

Bangladesh

Sri Lanka

Studying in the UK

An online guide for students interested in studying in UK featuring articles on UK courses, qualifications, scholarships, and visas, as well as information on student life in the UK.

Find out more, click [here](#).

Find a University

Find out more, click [here](#).

What subjects can I study?

Find out more, click [here](#).

Moving to the UK

Find out more, click [here](#).

Study UK Facebook page

Find out more, click [here](#).

Sign up to the Study UK newsletter

Find out more, click [here](#).

Student Visas

Information about UK visa procedures, guidance notes including application forms and contact details. Find out more, click [here](#).

Visa Application Centre (VAC) information

Find out more, click [here](#).

Scholarships

A comprehensive information source for scholarships and fellowships available for study in the UK.

Find out more, click [here](#).

Further Education

www.aoc.co.uk

www.findfe.com

UK Council for International Student Affairs

Provide information, advice and support to international students.

Find out more, click [here](#).

Research Assessment Exercise (RAE)

A list of comparative research ratings by discipline of research by UK Institutions Teaching Quality Assessment.

Find out more, click [here](#).

Review, Comparisons by Subject

Access to up-to-date information about the quality of higher education in UK institutions Ranking by.

Find out more, click [here](#).

Universities and college Admissions Services (UCAS)

Information about UCAS and the application process for undergraduate and HND courses.

Find out more, click [here](#).

Postgraduate studies

Access to over 20,000 courses in the UK at postgraduate and research level Independent Schools in the UK.

www.prospects.ac.uk

www.postgrad.com/

www.ucas.com/ucas/postgraduate

International Centre for distance Learning (ICDL)

Provides access to the database of UK courses and programmes taught by distance learning.

www.open.ac.uk/courses

www.hobsons.com

Hot courses

UK's largest course database at the school, UG, PG and research levels.

Find out more, click [here](#).

The Council for Independent Education

Find out more, click [here](#).



STEM Postgraduate studies

The University of Plymouth provides a wide range of state of the art STEM masters programmes. Our postgraduate programmes combine input from researchers, practitioners, professional bodies, and businesses to meet the current industry and research market needs and to be aligned with the latest science and technology concepts.



Ishita Parekh

"I chose to study MSc Robotics at the University of Plymouth due to the course content and the Centre for Robotics and Neural Systems, which is a dedicated research centre. Plymouth use a practical rather than theoretical approach, which helps students to learn".

"I chose the University of Plymouth because of its good reputation and global ranking. The 24/7 library is extraordinary, and the University is very modern, such as the classrooms and access into buildings. The University maintains a clean and green atmosphere, which makes it a leading environmentally sustainable University"



Sri Harish Kalidass

Postgraduate Virtual Open Evening

We are inviting you to join us at a **Postgraduate Virtual Open Evening** on 3rd March 2021 16:00-19:00 (GMT) and attend a range of programme talks and Q&A sessions. **Book your place.**

Pioneers of the fourth Industrial Revolution

"Plymouth is the TOP UK University for Marine and Ocean Engineering, also named eighth in the World for the quality and impact of its Engineering".

Shanghai Ranking Global Ranking of Academic Subjects 2019

This ranking demonstrates the global importance of the impact of our academic activity.

Our postgraduate programmes in Engineering, Computing and Mathematics, and plans for developing new teaching facilities, reflect the needs of 21st century employers for agile, digitally literate graduates. Teaching is supported by specialist facilities that focus on autonomous and robotics systems, cyber-security, and a high performance-computing cluster that is used to support our big data and theoretical physics research.

Sustainability is embedded in much of our teaching and research. The University of Plymouth is home to the Coastal, Ocean and Sediment Transport (COAST) laboratory and hosts the Supergen Offshore Renewable Energy Hub.

Be part of the revolution by joining one of our Postgraduate Degree programmes in:

- [MSc Advanced Engineering Design](#)
- [MSc Artificial Intelligence](#) *
- [MSc Autonomous Systems](#)
- [MSc Civil / Coastal Engineering](#)
- [MSc Cyber Security](#)
- [MSc Data Science and Business Analytics](#)
- [MSc Electrical and Electronic Engineering / Robotics](#)

Sustainability is in our nature

"Plymouth is the TOP 10 University for Geology, Environmental, Earth and Marine Sciences".

Times Higher Education Young University Rankings 2019

Tackle the most significant global challenges from climate change; social justice; polluted oceans and renewable energy. Our academics and students work together to provide unique insights into how we can make our planet a better place. Learn from our experts as you train to become the next generation to develop sustainable solutions for the world's most significant problems.

Be part of the solution by joining one of our Postgraduate Degree programmes in:

- [MSc Environmental and Engineering Geology](#) *
- [MSc Environmental Geochemistry](#)
- [MSc Marine Resources and Sustainable Development](#) *
- [MSc Offshore Renewable Energy](#) *
- [MSc Sustainable Aquaculture](#)
- [MSc Sustainable Environmental Management](#)
- [MSc Zoo Conservation Biology](#)

**New for September 2021 - subject to approval*

For a full list of our postgraduate degree programmes, please visit: <https://www.plymouth.ac.uk/study/postgraduate>

Get in contact

✉ international.office@plymouth.ac.uk
🌐 www.plymouth.ac.uk/
☎ +44 (0) 1752 600600

📘 @PlymUniApply
📺 @PlymUniApply
📺 @PlymUniApply

Search **Study UK**    

STUDY **UK**

