



QUEEN'S
UNIVERSITY
BELFAST

SHAPING A
BETTER WORLD
SINCE 1845

UNDERGRADUATE
PROSPECTUS 2021

RUSSELL
GROUP



IT ALL STARTS HERE

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WELCOME TO QUEEN'S

Thank you for considering applying to study at Queen's University Belfast.

As you read through this prospectus, I hope it will give you a real sense of life at Queen's. I trust you will find all the information you need in the following pages to help you make your decision.

At Queen's, we are committed to excellence and quality in the courses on offer, our teaching and our research. We are also passionate about sustainability, and convinced of the positive and constructive role we can have in addressing this vital issue.

I know that your time at university is not simply about receiving an education, it's also about enjoying a unique, life-defining experience. And we want your Queen's experience to be wonderful and memorable.

One of the longest established universities in the UK and ranked 173 in the world¹, Queen's has much to offer.

Its rich heritage and history meet cutting-edge facilities, it has a global reputation for teaching and research excellence, and its thriving Students' Union with over 215 clubs and societies has something for all tastes and interests.

The University's state-of-the-art sporting facilities and library services have been rated by students as among the best in the world.²

Our beautiful, vibrant campus is located in the heart of Belfast – one of the world's favourite cities and a hub of culture, innovation, great food and lively social life. Safe, fun, friendly and compact, Belfast is also one of the most affordable student cities in the UK.

A dynamic city in which to study and work, Belfast is now a leading global location for investment projects and major developments in innovation and enterprise.

Our hope is that every undergraduate and postgraduate is enriched by their time at Queen's University Belfast and we look forward to welcoming you on campus to enjoy an amazing university experience.



Professor Ian Greer
President and Vice-Chancellor

¹ QS World University Rankings 2020

² Queen's was ranked 1st out of 199 universities worldwide for satisfaction with library service (International Student Barometer 2018)

² Queen's was ranked 1st out of 9 Russell Group universities/ 3rd out of 44 UK universities for satisfaction with sporting facilities (International Student Barometer 2018)

WHY QUEEN'S?

Queen's University is a world-class institution combining excellent academic standards with a focus on employability to give our graduates the edge in the global job market. Here are just 10 of the reasons you should join the leaders of tomorrow.



1. WE'RE A RUSSELL GROUP UNIVERSITY

We're 173 out of 1,000 in the QS world ranking for best universities, so a degree from Queen's is something to be proud of.

(QS World University Rankings 2020)



5. YOU'LL BENEFIT FROM A £700M CAMPUS INVESTMENT

Over the past decade, Queen's has invested over £350m in cutting-edge facilities, with the same to be spent over the coming decade.



6. FROM HERE, YOU CAN GO ANYWHERE

You can enhance your degree with a range of study or work abroad opportunities, enabling you to broaden your horizons, enrich your university experience and gain the edge in the graduate job market.



7. OUR RESEARCH HAS GLOBAL IMPACT

Over 75% of research at Queen's was judged internationally-excellent or world-leading (REF 2014). Since this research informs our courses, everything you will be learning is as relevant as it can be.



2. BRAND NEW CITY CENTRE ACCOMMODATION

You can live in the heart of the city: we've added 1,237 new rooms across two brand new city centre sites. Even better, our student satisfaction rating means we're 1st out of 9 participating Russell Group Universities for Accommodation Quality.

(International Student Barometer 2018)



3. YOU'LL BE FULLY SUPPORTED

We offer a network of support services, many provided by our Student Guidance Centre to help you get the most from your time at Queen's. Additionally, our counselling and disability support are amongst the best in the UK. Our personal tutoring scheme offers support for students' academic, professional and personal development

(International Student Barometer 2017)



4. WE'RE IN THE UK'S BEST CITY

Queen's is at the social and cultural heart of Belfast, named the No. 1 region to visit in 2018 (Lonely Planet, 2017) as well as the happiest in the UK (Office for National Statistics, 2016). Belfast also has the lowest student cost of living in the UK (Times and Sunday Times Good University Guide 2020). What could be better?



8. WE'LL ENABLE YOUR FUTURE CAREER

We are dedicated to student employability and our strong industry links mean over 96% of Queen's graduates are in employment or further study six months after graduation.

(HESA Destination of Leavers from Higher Education Survey, 2016/17)



9. YOU'LL BE TAUGHT BY WORLD-LEADING ACADEMICS

We've won the Queen's Anniversary Prize on seven occasions. The Prize recognises universities and colleges that have demonstrated excellence, innovation, impact and societal benefit.



10. YOU'LL FIND A PLACE TO BELONG

There are over 215 student-led clubs and societies on campus; while a £20 million sports investment has helped establish our reputation as one of the premier sporting universities in the UK and Ireland.

(See page 19-21 for details)

OUTSTANDING RESEARCH ACHIEVEMENT WORLD-LEADING INNOVATIONS

MEDICINE, HEALTH AND LIFE SCIENCES

PORTABLE DEFIBRILLATOR

This device hangs on the wall of public buildings across the world and has saved millions of lives. Professor Frank Pantridge, dubbed 'The Father of Emergency Medicine', who graduated from the School of Medicine, Dentistry and Biomedical Sciences in 1939, invented the first portable defibrillator.

ARSENIC IN RICE

We are leading a major health breakthrough to remove carcinogenic arsenic from rice. Did you know that rice contains high levels of arsenic which can cause a range of health problems? Professor Andy Meharg, Institute for Global Food Security, has developed a simple and cost-effective new technology which removes arsenic from rice, and has the potential to save millions of people from life threatening medical illnesses.

REVOLUTIONISING CYSTIC FIBROSIS TREATMENT

Developing new therapies with a dramatic effect on survival rates and quality of life for those who suffer from it. Professor Stuart Elborn, developed the world's first effective treatment for the disease, described by the US FDA as 'a revolution in how we treat patients in the future'.



Statue of Professor James Francis Pantridge



Professor Michael Alcorn



ENGINEERING AND PHYSICAL SCIENCES

SET TOP BOX TECHNOLOGY

One-time British Female Inventor of the Year, Professor Maire O'Neill is widely regarded as one of Europe's leading cryptography experts, helping enhance global data security. She invented a high speed silicon security chip that is used in more than 100 million TV set-top boxes.

SUNBATHING WRISTBAND

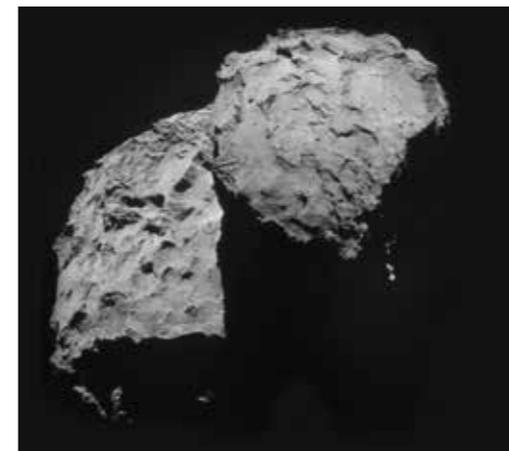
An ingenious wristband that checks for sunburn, has been developed by Dr David Hazafy, from the School of Chemistry and Chemical Engineering. The wristband, which uses a kind of 'smart ink' that reacts with ultraviolet light from the sun to change colour at a speed that depends on the wearer's skin type, was rewarded with a Royal Academy of Engineering Enterprise Fellowship.

ASSISTING COMET LANDINGS

Philae's landing on a fast-moving comet 300 million miles away has been hailed as one of humanity's greatest science achievements. Professor Alan Fitzsimmons and his colleagues at Queen's Astrophysics Research Centre, played a major role in the first-ever comet landing, calculating the measurements of the comet to ensure the most likely chance of success, as part of the Rosetta Space Mission.

UNIQUE IONIC LIQUID TECHNOLOGY

Our partnership with the global company PETRONAS is employing green chemistry to remove harmful mercury, helping the oil and gas industry to become safer and more environmentally friendly.



Professor Maire O'Neill

ARTS, HUMANITIES AND SOCIAL SCIENCES

UNESCO CHAIR STATUS FOR WORK ON SHARED EDUCATION

Queen's has been honoured by UNESCO by becoming an international example of how shared education can promote reconciliation in divided societies. Professor Joanne Hughes, Director of the Centre for Shared Education, has been appointed the first 'UNESCO Chair on Globalising a Shared Education Model for Improving Relations in Divided Societies'.

CHILDREN IN CARE NSPCC

Northern Ireland and Queen's University focus on the health and well-being of Looked After Children and Young People. NSPCC NI and Queen's University held a seminar to promote research showing a whole system approach to better mental health will help protect children in care.

SONIC INNOVATIONS

A team led by Professor Michael Alcorn, from Queen's Sonic Arts Research Centre, developed revolutionary new surround sound techniques for cinema that were first used in films such as Jurassic Park.

EARLIER DIAGNOSIS OF AUTISM

Professor Karola Dillenburger and researchers at Queen's University Belfast have called for earlier diagnosis of autism on the back of increasing evidence that earlier interventions have more positive outcomes, arguing that early support can improve quality of life for children on the autistic spectrum and their families.

QUEEN'S SOLUTIONS TO GLOBAL PROBLEMS

Queen's is one of the world's top research-intensive universities, and we're committed to answering the world's big questions. When you join the University you'll be learning from a community of leading academics probing for solutions to global challenges, such as:



HOW DO WE FEED THE WORLD?

The Institute for Global Food Security is at the forefront of tackling one of the greatest global challenges – how to ensure a sufficient, safe and nutritious supply of food for the world's population.

go.qub.ac.uk/gri-igfs



HOW DO WE HELP SOCIETIES RECOVERING FROM CONFLICT?

The Senator George J Mitchell Institute for Global Peace, Security and Justice is helping governments, international agencies and civil society answer questions about peace, security and justice, informed by the post-conflict society in Northern Ireland.

go.qub.ac.uk/gri-mitchell



HOW DO WE TACKLE CANCER, RESPIRATORY CONDITIONS, EYE DISEASE?

The Institute of Health Sciences is focused on addressing cancer, respiratory conditions, eye disease and diabetic vascular complications through its three operational divisions: the The Patrick G Johnston Centre for Cancer Research, the Centre for Public Health (CPH) and the Wellcome-Wolfson Institute for Experimental Medicine (WWIEM).

go.qub.ac.uk/gri-ihs



HOW DO OUR LIVES STAY SECURE IN THE MIDST OF THE EXPANDING INFORMATION EXPLOSION?

The multi award-winning Institute of Electronics, Communications and Information Technology (ECIT) is the anchor tenant at Catalyst Inc., one of the UK's largest research and innovation campuses. Tackling challenges associated with digital growth, ECIT is addressing cyber security, redefining wireless communication and sensing systems, and addressing the information explosion for the third millennium.

qub.ac.uk/ecit

HITTING THE HEADLINES

In the most recent assessment of our research, 76% of our research is classified in the top two categories of world-leading and internationally excellent (REF 2014).

WHAT OUR RESEARCH MEANS FOR YOU:

- Our world-class research feeds directly into your course so your lectures will be up to the minute.
- As a Russell Group university, our research reputation attracts the best academics and substantial research income.
- You'll have the opportunity to conduct your own research through our Research Experience Scheme for Undergraduate Students.

A STUDENT'S RESEARCH EXPERIENCE

"I chose Queen's because of the sheer amount of research happening at The Patrick G Johnston Centre for Cancer Research. This up-to-the-minute research informs our lectures, and we then have a chance to apply what we've learned in a real-world setting through hospital-based teaching.

Doctors nowadays are more than just doctors, they are clinical researchers, too. I gained valuable insight into the biomedical research at the Centre as part of a summer studentship. This gave me the opportunity to interact daily with leading researchers and scientists in the labs who were happy to give their time to teach and guide me.

It was inspiring to be in an environment where medical breakthroughs are made literally every week. I now feel confident that I would like to have a research aspect to my daily clinical life. I want to be a part of the upcoming generation of medical researchers making a difference in the world."

Tejas Harita
Bachelor of Medicine undergraduate

WE'RE A GLOBAL UNIVERSITY

Over 24,000 students live and study at Queen's. Over 85 countries are represented globally. We also employ more than 600 international staff drawn from over 70 nationalities.

Part of the elite Russell Group, Queen's is a truly international university, ranked 22nd in the world for international outlook (Times Higher Education World University Rankings 2020). We offer an International student experience for everyone – no matter where you're from. With links to over 250 universities and 3,000 employers around the world, you'll gain career-defining access to our inspiring worldwide network that spans 120 countries. We reward hard work and excellence, and every year we offer £1.5m of scholarships to International Students (see page 55 for details). Our global outlook offers all our students the opportunity for personal growth and development, further strengthening your position on the global job market.

A COSMOPOLITAN CAMPUS

We're proud that Belfast is a socially-diverse and inclusive city. One of the best ways to appreciate the diversity we have on campus is through the array of multicultural events that take place – such as an Indonesian Culture Show and the Chinese New Year celebrations. Culture Shock showcases dancing and music from Ireland to Malaysia and everywhere in between.



SUPPORTING OUR INTERNATIONAL STUDENTS

Our global campus community offers a friendly, multicultural and safe environment. If you're coming to Queen's from outside the UK, you can expect:

- Faith provision for all major religious denominations, including wellbeing room on campus.
- Easy access to speciality foods such as halal butchers, and Asian and Polish supermarkets, as well as international restaurants (see page 30).
- A guaranteed place in Queen's accommodation with living options including same-sex living, no-alcohol living and quiet living (see pages 40-43 for more).
- A five-day dedicated orientation programme on arrival.
- Support and advice on everything from healthcare to visa applications.



INTERNATIONAL WELCOME AND ORIENTATION PROGRAMME

The International Student Support team provides advice and assistance to international students. Our dedicated team can provide you with specialist advice in relation to visa and immigration matters including applying for your visa to come to the UK and assisting you with any queries you may have during your time here.

At the start of each semester we hold a Welcome and Orientation

programme for new international students. This programme includes lots of useful and interesting sessions and exciting activities to help you make new friends and get settled in to life at Queen's University including an airport Meet and Greet Service at both local airports, advice on accessing health care and opening a bank account.

Moving to a new country is an exciting time and we are here to guide you through this process and to ensure that your time in Belfast is as enjoyable as possible.



Our Go-Global International Fair offers the chance for International Students to get a feel for international study opportunities, to make the most of study, work and volunteer abroad opportunities.

"Your study abroad journey doesn't have to stop at Queen's!"

Molly McIntyre,
MSc Molecular
Pathology of Cancer

SPEAKING YOUR LANGUAGE

Our International Student Ambassadors are on hand to help International Students settle in. Pass on your experience and become an Ambassador yourself.

go.qub.ac.uk/International-Ambassador

International Office

t: +44 (0)28 9097 5088
e: international@qub.ac.uk
w: qub.ac.uk/International

International Student Support

t: +44 (0)28 9097 3820
e: iss@qub.ac.uk
w: qub.ac.uk/isso



Meet students from over 85 countries.



Learn from and contribute to world-changing research. (See pages 8-9)



Spend a semester or a full academic year at another global university. (See page 16)



Be part of a global alumni network that spans 120 countries.



94% of current international students were satisfied with their safety and security at Queen's.

(International Student Barometer 2018)

A PLACE OF POSSIBILITY

From knowing we've your future career in mind to supporting you in everything you do, Queen's is both a place to achieve your dreams and a place to find yourself. Come on in.

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ENABLING YOUR **FUTURE** **CAREER**

Our Careers and Employability team supports students across all subjects. You will have full access to and support for up-to-date resources and networks, enabling you to develop your skills and confidence, take advantage of opportunities including studying abroad, and work experience to prepare you for that graduate job.



FUTURE READY

Our specialist Employability team work to ensure that students have the necessary skills, knowledge and learning, paving the way to future employment. From one to one careers consultancy to focused skills development, you have the opportunity to take part in a range of employability programmes including off campus industry visits, insights into management and leadership and interactive skills workshops that align to the key attributes employers look for in graduate talent.

“I attended careers fairs to gain greater visibility with employers and understanding the opportunities available to me. I met my current employer at the Maths and Physics Fair.”

Matt McMullan
MSci Applied Maths and Physics

CONNECTING YOU WITH EMPLOYERS

Many employers hire graduates that they already know, so you will reap the rewards of our industry links. Employers attend on campus at regular intervals for Careers Fairs, Employer Panels and other skill development sessions, supporting early student engagement. Our placement and internship programmes also offer insight into how businesses operate, preparing you for the world of work.

EMPLOYER-SPONSORED SKILLS AWARD

Degree Plus allows you to gain accreditation for both personal development and work-related activities that you undertake outside of your degree. The award is supported by employers who recognise the value of extracurricular experience. Over 2,000 students graduate with Degree Plus every year.



“I’ve gained a real insight into the media industry via meeting successful journalists. Joining *The Edit* as part of the Media Programme has helped expand my skills, improve my confidence and really added to my CV.”

Orla Traynor
BA English and History

PROFESSIONAL DEVELOPMENT OPPORTUNITIES INCLUDE:

- **MyFuture** – a career management system that allows you to search jobs and book events or an appointment with one of our Career Consultants.
- **Development Weeks** – three weeks within the academic year to participate in activities, both studies-related and extracurricular, accredited by Degree Plus. This space allows you to enhance your student experience by delivering to peers and participating in cross-discipline and inter-faculty activities.
- **Get Employment Ready Award** – Learn how to express your skills and qualities to employers on paper, online and in person.
- **MEDIA Programme** – spend one year learning about different aspects of the media sector and working on *The Edit* publication.

ENTERPRISE AND ENTREPRENEURSHIP

We prize entrepreneurship and academic ability. So we’re proud to say our graduates play a leading role in the senior management of 80 of Northern Ireland’s top companies. We also work with the team of enterprise advisers in the Students’ Union who are there to support students in starting businesses through free advice, incubation space, enterprise programmes and competitions.

For further information, please contact:

Careers, Employability and Skills
qub.ac.uk/careers

Degree Plus
qub.ac.uk/degreeplus

Global Opportunities
go.qub.ac.uk/goglobal

Employability
go.qub.ac.uk/employability

Development Weeks
go.qub.ac.uk/developmentweeks

GLOBAL OPPORTUNITIES

Every year over 900 Queen's students take the opportunity to go outside Northern Ireland to study or gain work-related experience. Nothing is more rewarding. Whilst overseas you'll load up on confidence and independence. You'll experience the colour of life elsewhere. You'll enrich your own journey.

Queen's encourages students to take advantage of a period of study at an overseas university or an international work placement as part of their degree. Some degrees (especially those with a language element) include a compulsory year abroad. These are generally four-year courses, during which you will spend a year either studying at a partner university or on work placement with an employer. Many other degrees offer the option of participating in a study exchange scheme for one or two semesters, usually in your second year. The 'semester abroad' option will allow you to graduate within the usual three years. There are also lots of summer options available, when a longer period abroad is not possible.

EXPLORE THE WORLD

There are lots of options and we'll help you research them. Our most popular international scheme is the European Erasmus Programme*. The scheme enables students to spend part of their degree studying or working in another European country. Queen's also has a growing range of options outside of Europe, including programmes in Australia, Canada, China, India, New Zealand and the USA.

(PST! YOU DON'T NEED TO BE FLUENT)

Advanced language skills are not always necessary in order to study abroad – many of the University's European partners teach in English, as well as the University's partners in North America and Australasia.

If you already have some knowledge of a foreign language, then studying abroad is an excellent opportunity to improve your fluency. All students – not just those studying Modern Languages – are strongly encouraged to enhance their language skills and many choose to attend the University's Language Centre, located within the McClay Library, before they go abroad. Please visit: go.qub.ac.uk/langcent



@meggyboos



John Grey



@satori_boi



Ruth Bleakley



Rebecca Stoops



Luci McQuiston



@_puspa.id

"Taking part in Study USA was one of the most fulfilling years of my life. I started the year feeling unsure and nervous about what I was going to experience and I finished the year with memories of people I met, lessons I had learnt and places I had visited, which have helped me to grow in confidence. It has been a truly life-changing experience."

Niall O'Hagan,
Accounting (Study USA Student of the Year 2017)



@lucas_traveller126



Evie Domingue

FUNDING OPTIONS

If your semester or year studying abroad is a recognised part of your degree programme, whether compulsory or optional, you should still be entitled to your student loan whilst overseas. Students going on an Erasmus exchange to Europe also normally receive an Erasmus grant to help cover their additional costs. Some semester and summer programmes are eligible for a University travel grant.

YOU'LL BOOST YOUR CONFIDENCE – AND YOUR DEGREE!

Students who undertake an international study placement are eligible to apply for the placement to be considered towards the Queen's Degree Plus Award. The Award provides official recognition of the non-academic benefits of an international study placement, such as improved employability skills, global and cultural awareness and increased self-confidence and motivation.

* The Erasmus Programme is funded with the support of the European Union. Continued participation post-Brexit is to be confirmed.



For more information about global opportunities:

w: go.qub.ac.uk/goglobal
e: goglobal@qub.ac.uk



SPORTING ACTION

Since our foundation in 1845, sport has played an important part in the Queen's student experience. We're one of the premier sporting universities in the UK and Ireland and our Gameplan and Active Campus initiatives set the goal of sport for all - whatever the level.

EMPOWERING WELLBEING AND ACHIEVEMENT THROUGH SPORT

Whether you are interested in keeping active, trying a new sport, being part of a team or representing Queen's, you can be part of our Gameplan.

We aim to provide everyone with the opportunity to be part of the Queen's Sport Gameplan through world-class sporting participation programmes that will connect you with other students in an environment where you feel safe, supported and happy to exercise and enjoy sport.

We realise the important role sport can play in supporting your physical, mental and social wellbeing. With on campus sports facilities and gym membership to suit your budget and with over 50 student sport clubs to choose from, there is something for everyone.

We are proud to promote an Active Campus with initiatives and programmes that are open to all abilities and we empower you to find your level and find your game at Queen's Sport.

We host a weekly ParkRun at our Outdoor Sporting Facility at Upper Malone and our annual Deep RiverRock 5K race, which attracts thousands of recreational runners. We have also recently launched an Active Campus initiative with sporting activities and programmes to suit everyone - no matter what your fitness level.

SPORTS FANS

Belfast offers a wealth of choice for sports fans and spectators, whether you fancy a night at the rugby, a Belfast Giants ice hockey game, a soccer match or a fastpaced Gaelic football or hurling match. The Belfast City Marathon attracts 20,000 participants from around the world every year.

"I have the option to check out the Belfast Giants ice hockey team at the SSE, and I'm so excited to get to watch Rugby and Football."

Tamanna Khurana, MA
Arts Management



The Physical Education Centre (PEC)



INDOOR FACILITIES

QUEEN'S SPORT (PEC)

Located next to the main campus you'll find the hub of Queen's Sport - the Physical Education Centre (PEC). Here you'll have the opportunity to exercise using state-of-the-art fitness and exercise facilities. Guided by knowledgeable and friendly staff, we can get you started and keep you going, whatever your level of fitness. We are open from 6.30am to 10.00pm on weekdays and 9.00am to 6.00pm on weekends.

Over 10,000 students use Queen's Sport indoor facilities each year. We offer peak and off-peak student membership packages with flexible payment options. Student memberships give you access to:

- State-of-the-art cardio fitness areas with 200+ machines
- Functional training and weights areas with six power cages and Olympic lifting platforms
- 75+ weekly exercise classes
- Four exercise and dance studios
- Six-lane, 25m swimming pool, diving pool and sauna
- Two multi-sports halls
- Indoor climbing and bouldering walls
- Eight squash courts
- Two handball/racquetball courts
- 12 badminton courts
- Three outdoor 3G pitches

QUEEN'S SPORT @ BT1

The state-of-the-art fitness and exercise facility in our city centre accommodation in Belfast City Centre includes:

- Cardio fitness machines
- Multi-Purpose Training Rig
- Functional training and weights areas

Membership of Queen's Sport is included in all Queen's student accommodation packages.



1st

Queen's was ranked 1st out of 9 Russell Group universities / 3rd out of 44 UK universities for satisfaction with sporting facilities

(International Student Barometer 2018)



OUTDOOR FACILITIES

UPPER MALONE

Champions have been made, trophies won and accolades heaped onto thousands of students throughout Upper Malone's existence.

We have heavily invested in our outdoor facilities, and the new Arena Pitches and Clubhouse is the only facility in the UK and Ireland to showcase rugby, Gaelic games, hockey and soccer all at one site, with an additional 16 floodlit grass and synthetic playing surfaces.

QUEEN'S BOAT HOUSE

Extensively upgraded in 2015, the Queen's Boat House is home to the Men's and Ladies' Boat Clubs, who have an excellent pedigree through performances at Senior and Novice levels in Ireland, Great Britain and on the international stage.



ATHLETE SUPPORT

SCHOLARSHIPS

We support talented athletes towards their potential through our specialist scholarships, such as the Elite Athlete Programme, which offers a support package including up to £2,000 per year for tuition fees and £3,000 per year for living and travel costs (see page 54 for more details). Our Scholarship programmes are just one of many ways you can enhance your time at Queen's through the Degree Plus scheme (see page 14).

ACADEMIES

We have been working with student clubs, governing bodies and alumni networks to develop sporting academies. Currently there are five academies - Rugby, GAA, Soccer, Rowing and Hockey - with over 35 teams and 600 students competing each year.

We created these academies to provide a high performance culture within each sport, but also to promote recreational and community initiatives. Sporting legends have graced the Queen's jersey with pride. There are also Hockey and Soccer Academy scholarships distributed annually. We've named Rugby and GAA Academy Scholarships after:

- Sean O'Neill (Gaelic Football)
- Jack Kyle (Rugby)
- Henry Downey (Hurling)

In recent years, Queen's-supported athletes competed in top-level competitions in over 20 countries, including Olympics, Paralympics, World University Championships, European Athletics Championships and US Open Swimming Championships.

SPORTS BURSARIES

The Queen's Sports Bursaries provide support for those non-academy athletes who are developing in their chosen sport. They also support students to compete nationally and on the world stage.



Further Information

Queen's Sport
queenssport.com

Performance Sport
queensperformancesport.com

Elite Athlete Programme
go.qub.ac.uk/sportEAP

HELLO FROM THE STUDENTS' UNION TEAM

We'll be your rock during your Queen's experience

Queen's Students' Union is here to make your life at Queen's enriching, rewarding and fun. The Students' Union was ranked 7th for student experience in The Times Higher Education Student Experience Survey 2018, it offers a range of services including volunteering and enterprise opportunities, clubs and societies, advice, shopping and entertainment.

MEET NEW PEOPLE AND HAVE FUN

Make the most of your time at Queen's by joining one of our 215 plus clubs and societies (see pages 24-25) or join the 5,000 students who are involved in volunteering at Queen's every year. From community gardening to decorating animal shelters to planning events to tutoring and inspiring young people, Volunteer SU can match you with the perfect volunteering initiative.

WE'RE LED BY STUDENTS

Each year, students are elected to become Student Officers. The team is here to help you, represent you, organise campaigns to make the changes you want and lead the Union on your behalf.

BE ENTERPRISING AND DEVELOP YOUR BUSINESS SKILLS

With business one-to-ones, programmes and workshops, Enterprise SU helps you develop the skills you need to start your own business or secure your dream job. Whatever your degree pathway, we help you develop creative thinking, generate ideas and improve your entrepreneurial skills.

ADVICE WHEN YOU NEED IT

Advice SU provides students with free, independent, confidential and non-judgemental advice. If you have worries or issues to do with money, funding, accommodation, your education or your health and well-being they are there to help.

YOUR STUDENTS' UNION

Queen's Students' Union now has two new venues, SU Elmwood and The Speakeasy. SU Elmwood is home to the Student Officer Team and Student Voice Team; Advice SU; the Clubs & Societies, Enterprise SU and Volunteer SU Offices; and the Finance and Marketing Offices. Plus, there is a modern Student Lounge, SU Shop and lots of bookable rooms. The Speakeasy is your 'local' during your time here. Open every day of the week, there's a mix of club nights, live sport, quizzes, and music to enjoy. It has HD televisions, a giant projector screen, full-sized snooker tables and pool tables. Best of all, it's always free to get in.

The new Student Centre and Students' Union will open in 2022, transforming the provision of student services and support offered by the University and the Students' Union, in one central, state-of-the-art facility.

GET INVOLVED!

Why not become:

A STUDENT OFFICER

Become a full-time Student Officer to represent all students in Queen's.

A STUDENT COUNCILLOR

Sit on the Student Council to represent the views of Queen's students and decide what the Union should be working on.

A SCHOOL REP

Be the vital link between the students in your School, the University and the Students' Union.

Further Information

Queen's Students' Union
w: qubsu.org

Union President
e: su.president@qub.ac.uk

Ciarán O'Brien

Welfare Officer

Hamsavani Rajeswaren

Equality and Diversity Officer

Gift Sotonye-Frank

Postgraduate Officer

Connor Veighey

President

Jason Bunting

Education Officer

Ellen Fearon

Activities Officer

JOIN THE CLUB

Meet new people, have fun and make the most of your time at Queen's by joining one of our 215 plus clubs and societies. There's a wide range to suit everyone, including sport, gaming, creative, cultural, academic and charitable groups – or if you can't find one that suits you, you can even start your own! Over 15,000 students are members of our student-led clubs and societies. Remember, there are many reasons to join our clubs and societies, and many students find participation a central part of their downtime. They give you a little bit more: more fun; more time to be part of something; more time to find out about you.



Rafal Kacprzyk, Queen's Skydiving Club

ARTS, CULTURE AND LANGUAGE

Learn a new language and more about a foreign culture or simply meet up with students from the same part of the world as you. Our multicultural societies include the African and Caribbean Society, the Chinese Students Association and the South Asian Students Society. In our inclusive campus environment, you'll have the opportunity to meet other students with shared interests and make new friends from across the globe.

MEDIA AND GAMING

Enjoy all things gaming with the Dragon Slayers Society, make your mark in the world of film or music, or host your own radio show with Queen's Radio society.

ACADEMIC AND CAREER ENHANCEMENT CLUBS

Many courses have related clubs but they do much more than discuss what happened in your latest lecture – including organising social events and fundraisers. Academic clubs can also help enhance your studies and your career opportunities in the process.

CHANGE THE CONVERSATION

Argue your point with the Literific Debate Club, or if your passion is politics then you can join one of many political societies at Queen's. Alternatively, help raise money and awareness for a number of great causes by volunteering for one of our charitable and environmental clubs.

MAKE IT COUNT

Being part of a club or society is more than a great way to make friends: it's an opportunity to improve your skillset and bolster your CV. What's more, if you get involved in the running of a club or society, you can get credit towards a Queen's University Degree Plus Accreditation (see pages 14-15).



Jocelyn Hill, Queen's Sailing Club



Queen's Musical Theatre Society



Rachel Darragh, Queen's Dance Society



Photo: Patrick Cartwright, Queen's Surf Club

MEET THE PRESIDENTS

Besides regular dry-slope sessions and social nights, **The Snowsports Club** holds a special place in a lot of students' hearts and the club competes nationally in the UK and Ireland.

Our annual ski trip is often quoted by members as "the best holiday of my life". If you're a keen skier, it's a chance to develop a new skill, see a beautiful part of the world, and get to know students from across Queen's.

For me, being on the club committee has shaped my experience at Queen's; I have seen how the club can help someone to develop as a student and grow as a person.

Zach Scott,
Snowsports Club Captain

Queen's Christian Union is one of the most active and exciting clubs in all of Queen's. With around seven different events going on in any given week there truly is something for everyone at QBCU!

Getting involved in QBCU has been one of the highlights of my university career; I have met many brilliant friends, been able to serve the wider community through our outreach events and had the opportunity to share the good news of Jesus with my peers.

I would encourage anyone who has any religious interest or is just seeking some friendship to come along to any of our events. You won't regret it!

Peter Reid,
QBCU President

STUDENT SUPPORT



SUPPORTING YOUR NEEDS

We offer a network of support services dedicated to helping you get the most from your time at Queen's, looking after your health, emotional wellbeing, education, study needs, financial security and future career.

STUDENT GUIDANCE CENTRE (SGC)

The SGC is the first place to visit for information, support, advice and guidance from Careers and Employability and Skills services to counselling and help with developing your academic skills.

go.qub.ac.uk/studentguidance

SUPPORTING STUDENT DEVELOPMENT

Careers, Employability and Skills services play an integral role in supporting students and recent graduates to decide on their future career direction and enhance their employability.

go.qub.ac.uk/careers

LEARNING DEVELOPMENT SERVICE

Our Learning Development Service team provides a range of academic support to help you make a successful transition to studying at Queen's. Our aim is to help you reach your academic potential.

go.qub.ac.uk/lds

SUPPORTING OUR INTERNATIONAL STUDENTS

Queen's supports International Students before arrival, providing specialist visa and immigration advice and leading welcome and orientation programmes (see page 10) to help you maximise university life.

qub.ac.uk/isso

RESILIENCE, WELLBEING AND COUNSELLING

Our qualified and experienced counsellors can help you work through any personal, academic and emotional difficulties that impact on your studies.

go.qub.ac.uk/resilienceandwellbeing

SUPPORT FOR STUDENTS WITH DISABILITIES

We offer all kinds of support, including School and exam support, accommodation requirements and assistance with applications for Disabled Students' Allowance.

go.qub.ac.uk/disability

STUDENTS' UNION ADVICE CENTRE

We provide you with essential academic, financial and welfare advice.

qubsu.org/AdviceSU

CHILDCARE

Queen's offers a range of childcare support, including full-time day care, out-of-school care and a summer activities scheme.

go.qub.ac.uk/childcareservices

FAITH PROVISION

Our chaplains and other religious representatives serve students and staff across 12 faiths and denominations.

go.qub.ac.uk/Religion

UNIVERSITY HEALTH CENTRE AT QUEEN'S

Healthcare and prescriptions are free for everyone in Northern Ireland through the National Health Service (NHS). If you need to see a doctor or order a prescription, the University Health Centre at Queen's General Practice provides NHS (and non-NHS) services for Queen's students.

go.qub.ac.uk/health



OUR INTO QUEEN'S CENTRE



INTO provides academic preparation and English language courses to help prepare International Students for future study at Queen's.

PREPARING THE PATH TO SUCCESSFUL STUDY

INTO Queen's University Belfast is a college of the University which provides a range of specialist academic programmes and English language courses to prepare International Students for future study at Queen's.

Located on the Queen's campus, INTO Queen's students have access to all Queen's facilities whilst studying at the Centre and are taught to the highest standards by experienced, qualified teaching staff. Students can also avail of excellent support services from the INTO Student Services team based in the Centre, dedicated to helping support students during their studies.

SCHOLARSHIPS

Scholarships are available for academic programmes at INTO Queen's.

See go.qub.ac.uk/INTOschol for more details and how to apply.

If you progress to undergraduate study at Queen's through an INTO Queen's programme, you will also be eligible for University scholarships.

INTO ENGLISH LANGUAGE COURSES

Academic English

Improves English language skills to prepare for further academic study at either Queen's or INTO Queen's. An intensive course offering rapid progress of up to the equivalent of one IELTS band per term.

Pre-sessional English

Improves English language skills to the level required for a chosen degree at Queen's University Belfast.

In-sessional English

Additional English language classes for a duration of 10 weeks, twice per year. This is a free English support course for all current Queen's International Students who do not have English as a first language.

INTERNATIONAL FOUNDATION

The International Foundation Programme provides entry to the first year of over 60 degree programmes here at Queen's. The pathways are:

- Architecture
- Business, Humanities and Social Sciences
- Engineering and Science

INTO QUEEN'S UNIVERSITY BELFAST

INTERNATIONAL YEAR ONE

The International Year One programme is equivalent to the first year of a UK undergraduate degree. The pathways are:

- Accounting
- Engineering
- Management and Finance

UNDERGRADUATE DEGREE WITH INTERNATIONAL YEAR ONE

Combining your preparation studies with your undergraduate degree in a single study plan, you can choose from the following degrees:

- BEng Aerospace Engineering
- BEng Chemical Engineering
- BEng Civil Engineering
- BEng Computer Science with a Year in Industry
- BEng Electrical and Electronic Engineering
- BEng Mechanical Engineering
- BEng Product Design Engineering

HOW TO APPLY

You may apply for an academic or English language programme by submitting a direct application form online at: apply.intostudy.com

Alternatively, for further information, please contact us at:

t: +44 (0)28 9097 6850

e: into@qub.ac.uk



IT BEGINS IN BELFAST

Belfast is a city on the rise and one of the freshest, student-friendly destinations in which to live and study in the world. You can be part of it.

- 30 Queen's Quarter
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THE QUEEN'S QUARTER: THE BEST OF STUDENT LIFE

“The cute cafes are one of the best things about living in Stranmillis and I like having the choice to walk through the leafy Botanic Gardens.”

Alisha Ratcliffe,
Undergraduate



Botanic Gardens



THE QUEEN'S QUARTER: THE BEST OF STUDENT LIFE

The beauty of student life in Belfast is that everywhere is walkable. In fact, you won't need to spend much on travel as everything you need is right on your doorstep. That means you'll have more to spend on enjoying life outside the lecture theatre. Known as 'Queen's Quarter', between the Lisburn and Ormeau roads and Stranmillis Embankment, it's the most vibrant district of Belfast. You'll find everything from hot-ticket cultural events and party nights to international festivals and world cuisine worth queuing for.

A COSMOPOLITAN COMMUNITY

Our friendly student community and buzzing entertainment scene welcomes you from the day you arrive. From classical concerts at the Whitla Hall to legendary club nights, not to mention pub quizzes and poetry readings, Queen's Quarter is bursting with venues that attract the best from the worlds of theatre, dance, music, film, arts and literature. Botanic Gardens, just a short walk from McClay Library, is host to big-name gigs. It's no wonder Queen's Quarter plays a huge part in both the Belfast International Arts Festival and the Belfast Film Festival.

AN ART-LOVER'S PARADISE

The University is home to a variety of arts locations, the Naughton Gallery, the Seamus Heaney Centre and the Brian Friel Centre for Theatre. We even have our own cinema, the QFT (Queen's Film Theatre), presenting the best in classic and new world films for over 50 years. Some favourite spots also include the Ulster Museum; the comedy nights at The Belfast Empire, and the Lyric Theatre.

A MULTICULTURAL AND CREATIVE HUB

There's an incredible range of cafés and restaurants around the University. For example, on nearby Botanic Avenue, you can sample food from Japan, Korea, Nepal, China, the Middle East, India, Italy, Mexico and, of course, Northern Ireland – all washed down with home-grown craft brews. You'll also find vintage and independent shopping, the famed No Alibis indie bookstore is here as well as the Crescent Arts Centre – a creative hub for artists, designers, illustrators and crafters.

GREEN SPACES AND URBAN PARKS

Nestled in the centre of all this is Botanic Gardens, a beautiful city park where you can explore the Palm House or the Tropical Ravine. In fact, if you're in search of nature at Queen's the nearby Lagan Towpath offers an unspoilt stretch of riverbank with forest walks and meadows that feel a world away from our bustling campus. Known as Lagan Valley Regional Park, it is the only regional park in Northern Ireland and an area of outstanding natural beauty.

BELFAST: FRIENDLY, AFFORDABLE, FUN



Belfast is renowned for its warm welcome, so wherever you drop into for a bite to eat, drink or chat you'll be made to feel at home. Belfast is a modern capital city, welcoming, easy to get around and an affordable place in which to live and study. As Belfast flourishes as a global food, culture, arts and shopping destination, Queen's is at the social and cultural heart of the city.

BEST FOR YOUR BUDGET

You don't need to break the bank to enjoy a day out in Belfast. On a student budget there are lots of free activities, from events and festivals, city tours, exhibitions to a karaoke night.

Belfast is a city of artists, poets, writers and musicians who are celebrated in arts venues such as The MAC and the Black Box. Highlights include Culture Night and Belfast Vital Festival.

NUMBER ONE REGION IN THE WORLD TO VISIT

Belfast is one of Europe's most hip and vibrant capital cities – just ask the experts at Lonely Planet who love the city for its energy, lively atmosphere, and 'dynamic young population that keeps the city on trend.' The beauty is that it's all packed into a compact city that's easy and safe to explore.

STREET FOOD, BELFAST STYLE

You'll find the old staples on the menu everywhere, especially fish and chips. Like everywhere, Veganism is a hot topic and Belfast is vegan-friendly. Just look about, lots of places will have vegan and veggie options. Hungry hipsters developed their own movement across the city, with decor and food to match. There are any number of brilliant baristas too, with gourmet coffees, tray bakes, and upmarket snacks to go. The City Food and Craft Market, St George's Market, every Saturday, is a bazaar of smells, tastes and foodie attractions. Local produce, live music and events make it a must-do weekend stop. Belfast is steeped in the culture of international food, and you'll find everything from Chinese, Indian and Thai to Cuban food across the city.

CULTURE ALL OF OUR OWN

Belfast is renowned for having a unique clubs, cuisine, culture and arts scene of its very own, including the Kremlin, Belfast's famed Soviet-style nightspot, with a reputation as the best gay venue in Ireland. From the punk scene in the 1970s to the MTV Europe Music Awards in 2011 alongside traditional folk sessions, Belfast has passionately embraced the uniting power of music. The Cathedral Quarter plays host to the city's best bars and clubs and intimate live music venues, such as The Sunflower. Snow Patrol, Van Morrison and Stiff Little Fingers all got started in Belfast. Belfast hosts a range of events and urban festivals from music, theatre, dance, film and comedy.

GETTING AROUND

Most students spend the majority of their time on foot and walking to the city centre takes no more than 10-15 minutes. The city is well connected by frequent bus and train services, with student travel discounts widely available. The Belfast Bikes public bicycle rental scheme provides a flexible way to get around Belfast.

BEYOND THE CITY

Northern Ireland is internationally renowned as a film location, most famously for HBO's Game of Thrones filmed around the countryside and coast. Belfast is your gateway to the rest of Northern Ireland and from coastline to mountains there's plenty to explore. Belfast and the Causeway Coast has been named the Number One region in the world to visit in 2018 (Lonely Planet, 2017).



The 'Spirit of Belfast', Arthur Square



View from Grand Central Observatory



Harland and Wolf Cranes



Victoria Square



City Hall



Titanic Exhibition Centre

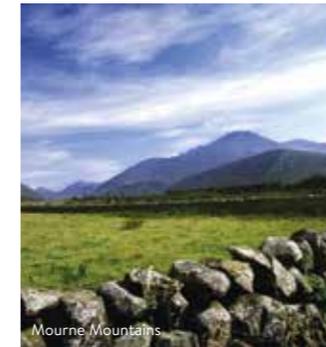
NORTHERN IRELAND: OUTDOOR ADVENTURE

Whether you're on a pilgrimage to the famous *Game of Thrones* filming locations or you fancy exploring caves, castles and coastline, you'll find it all within an hour's drive of Belfast.

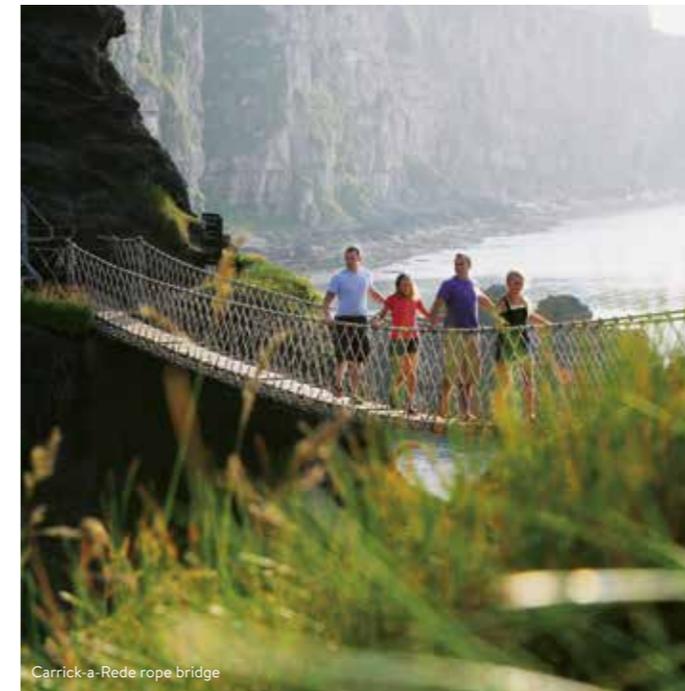
The Dark Hedges



Marble Arch



Mourne Mountains



Carrick-a-Rede rope bridge

The world is catching on to the secret that locals have always known: Northern Ireland is one of the most beautiful places on the planet. Just ask the experts at Lonely Planet who recently lauded Belfast and the Causeway Coast as the No.1 region in the world to visit in 2018 (Lonely Planet 2017). From golden beaches to lush forests, as a student in Belfast, the region's most breath taking landscapes will be right on your doorstep.

Spend your downtime testing your nerve crossing the death-defying Carrick-a-Rede rope bridge. Alternatively, scale the heights of our tallest peak, Slieve Donard, set in the picturesque Mourne Mountains – an Area of Outstanding Natural Beauty and the inspiration for CS Lewis' magical world of Narnia.

You can also follow the 22-mile Mourne Wall, featured in *Game of Thrones*. And if you're a fan of the

hit HBO show, you can't afford to miss a trip to the Dark Hedges. This twisted avenue of light and shade is one of Northern Ireland's most photographed natural phenomena, and doubles as the King's Road in the series.

Well worth the road trip for the spectacular Antrim Coast Road drive alone, the Giant's Causeway, a UNESCO World Heritage Site, is a must. There are also plenty of stunning beaches to enjoy a lazy Sunday walk – some just 25 minutes from Belfast.

If adrenaline thrills are your thing, the lakes, waterways and beaches of the region offer outdoor fun to suit everyone – from Sea Safaris on Strangford Lough, where you might spot seals, porpoises or a basking shark, to the north Atlantic surf off the coast at Portrush, ranked among the best in the world.

ADRENALINE JUNKIES!

- Ireland's longest zipline in Ballygawley hangs 50 metres above the ground and is a staggering 500m long. toddsleap.com
- Try stand up paddle boarding at River Roe in Limavady with the mighty Binevenagh mountain as a backdrop. longlinesurfschool.co.uk
- Wet bouldering in the Mourne Mountains involves walking, scrambling, jumping, swimming and sometimes crawling along a river. onegreatadventure.com
- From downhill zorbing inside a giant inflatable PVC ball to mountain biking and raft building challenges, expect laughs and adrenaline thrills at Jungle NI in the rolling Sperrin Mountains. thejungleni.com

RUN, JOG OR WALK

Northern Ireland's spectacular scenery is an outdoor pursuits paradise, and getting outside is as simple as going for a walk, run or cycle at many places close to the university. There are numerous running clubs for all levels, weekly park runs all over the city and each year, thousands sign up for the Belfast City Marathon.

PEDAL POWER

Cycling and mountain biking is popular throughout the country, with cycle events throughout the year. They range from beginners' jaunts to sportives. On the shores of Carlingford Lough, Rostrevor Mountain Bike Trail, has challenging downhill options, uplifts and sea views to enjoy.

PARKS, COAST AND OPEN SPACES

Right beside the main Queen's campus, Botanic Gardens is perfect for a short stroll, a wander around the Victorian Palm House or Tropical Ravine or exploring the beautiful rose garden in the summer. Seapark at Holywood (10 minutes by train from Queen's) is a stunning coastal area and beach.

CLIMBING AND HILL WALKING

Start at Boulderworld, Northern Ireland's premier indoor climbing facility, then take it outdoors at Fairhead; a filming location for *Game of Thrones* and Northern Ireland's tallest cliff face. Just six miles from Queen's, hill walkers can start at Cave Hill Country Park. The spectacular Mourne Mountains are the highest and most dramatic mountain range in Northern Ireland offering epic hikes and views across the country.

FURTHER INFORMATION

Have we whetted your appetite? Visit discovernorthernireland.com to explore more of your new home.

WATER SPORTS

The wild Atlantic Coast makes Northern Ireland perfect for water sports. With white breakers and long sandy beaches, surf's up. There are diving schools (for all levels as well as advanced free-diving courses), coasteering, bouldering, canoeing and kayaking. Inland, many tranquil waterways and lakes, such as Fermanagh Lakelands, are ideal for stand up paddle-boarding, windsurfing and water-skiing.

FORAGING, FOLKLORE AND BUSHCRAFT

The countryside around Belfast and beyond is a forager's paradise. From Cave Hill to Castle Archdale to Dundrum Coastal path, the hedgerows and hills are abundant with nature's food. Folklorists are often on-hand to keep you right and delve into the local folklore.

EXPERIENCE ADVENTURE

Northern Ireland has unique activities to experience, to get the adrenaline flowing or just to try something completely new. From archery to paintball and Segway to zorbing, you'll find an A-Z of outdoors inspiration all within an hour from Belfast.

YOGA AND WELLBEING

Mindfulness and yoga, from hot yoga to weekend retreats, can be found all over Northern Ireland. Namaste Yoga Centre, Prana, Shakti Wellness Studio and Maitri Studio are venues close to Queen's Quarter offering classes ranging from aerial yoga, pilates, meditation, sound bathing and reiki. Look out for morning yoga outdoors in the summer in Botanic Gardens, next door to the university.



GETTING HERE

Belfast, as the capital of Northern Ireland, is connected to the rest of the UK, Ireland and Europe by sea, road and air.

BY BOAT

Fast ferry services including Stena Line and P&O Ferries make multiple daily crossings from Northern Ireland to ports in Scotland and England. The two main Belfast routes are from Liverpool and Cairnryan, both provided by Stena Line. An alternative route runs from Holyhead to Dublin, with excellent motorway connections between there and Belfast.

BY ROAD

Queen's is located in south central Belfast and as such is close to both Northern Ireland's main motorways, connecting it easily with the rest of Ireland.

BY BUS AND TRAIN

Queen's is a five-minute walk from Botanic Train Station on the Bangor, Larne, Newry and Derry-Londonderry lines. A connection to Dublin is just one stop away, via Lanyon Place station. Coach and bus services arrive at Great Victoria Street, which is also connected by rail.

BY PLANE

Belfast is served by two airports: George Best Belfast City Airport and Belfast International Airport, which are both linked to the city by regular bus services. Dublin International Airport is located approximately 100 miles to the south.



1
hour's flying
time to all
major UK cities

58
direct flight
destinations from
Belfast to UK, Europe
and the USA

99
cross-channel
sailings each
week

2
airports in Belfast,
Dublin airport only
90 mins away

YOUR HOME FROM HOME

Studying at Queen's is a fantastic experience. It's even better when you know you're living somewhere safe, comfortable and affordable. We can offer you the all-important space to live and enjoy undergraduate life to the full.

YOUR OPTIONS, AT A GLANCE

- Single or mixed gender accommodation
- Residences suitable for couples and families
- En suite or shared bathrooms
- Studio, one- to six-bedroom apartments
- Twin, standard and en suite room options
- Lifestyle options of no alcohol, single sex, quiet living

AFFORDABLE ACCOMMODATION

Queen's currently has over 3,400 places in our student accommodation, which means you can take advantage of the most affordable purpose-built student accommodation in the city while undertaking a world-class education and making friends for life.



ELMS BT1 AND BT2

- City centre, close to city retail areas, cafes and restaurants.
- Single en suite bedrooms in three- to six-bed apartments and studios.
- 15 minutes walk to campus
- Less than five minutes from city centre
- From £124pw

QUEEN'S HOUSES

- 76 Malone Road, College Gardens, Mount Charles
- In the heart of Belfast's most ethnically-diverse and culturally-rich areas.
- Twin rooms, standard, double and en suite rooms.
- 5-10 minutes walk to campus
- 10-20 minutes walk to city centre
- From £75pw
- Best for independent living

GRANT HOUSE

- Standard rooms
- 10 minutes walk to campus
- 30 minute walk to city centre
- From £110pw
- No-alcohol accommodation

ACCOMMODATION FEES

(based on 2020-21 prices)

Cost per week

Twin bedroom with shared facilities:
prices from £75

En suite single room:
prices from £124

Exclusive one-bedroom apartment:
prices from £175



WILLOW WALK

- Studios, one- to four-bed apartments and two-bed premium apartments (family apartments available)
- Enclosed development, on the perimeter of Elms BT9
- Purpose-built, ideal for international and postgraduate students
- 15 minutes walk to campus
- 25 minutes walk to city centre
- From £125pw
- Safe and welcoming

ELMS BT9

- Standard, premium and majority (70%) en suite rooms
- Residential (modern, comfortable and secure)
- 50 three-storeyed purpose-built blocks; 10-11 bedrooms per floor with shared common room and kitchen
- Lifestyle options of quiet living, no alcohol and single sex
- 15 minutes walk to campus
- 25 minutes walk to city centre
- From £110pw



NO HIDDEN CHARGES

Our all-inclusive residential fees include all utility bills (electricity, heating and hot water), contents insurance, maintenance repairs, TV licence for public areas, weekly clean of communal areas and high-speed broadband with high-speed Wi-Fi throughout all accommodation. For your convenience we also have a variety of payment plans to help you decide which best suits your situation.

WHAT'S INCLUDED?

- All-inclusive fees.
- Free off-peak Queen's Sport membership access for all Queen's Accommodation students.
- Student common lounge with games tables and a free tea and coffee lounge.
- Rooms available for private, group study or society meetings.
- Reception open seven days per week.
- 24/7 Safety Team.
- Residential Life team provide pastoral support, organise trips and social events.
- Contents insurance included free of charge.
- Full maintenance support seven days a week.
- Complimentary cleaning of communal areas.
- Parcel post system: you get an email notification when your parcel arrives.
- Letter post is sorted to your apartment post box (Elms BT1 and BT2 only).
- Laundry (small charge) with useful app showing availability and time left in your wash/dry cycle.
- Super-fast wired internet and 200Mb Wi-Fi.



SAFE AND SOCIAL

Accommodation is offered on a self-catering basis and our campus communities are designed to make you feel at home and help you make friends. From the moment you arrive, we'll do what we can to manage and support your living needs. This includes a Residential Life programme which features events and pastoral care, 24/7 safety and security, as well as maintenance support. Our Residential Life Coordinators also offer support, help and guidance on settling into student life in Belfast.



HOW TO APPLY FOR ACCOMMODATION

Register online and complete an application as soon as you receive an offer for an academic place. Information on how to apply will be sent automatically to all offer holders and you are advised to apply even if Queen's is your insurance choice.

Applications open in January each year.



AFFORDABLE PRIVATE RENTALS

If you decide to move on from Queen's Accommodation, there are a range of student rental options in the city – all within walking distance of campus. What's more, as Belfast has the lowest student rent in the UK*, you're sure to find something to suit your budget. The website nihestudentpad.co.uk is recommended by the Students' Union to help students search for private rental accommodation.

*NatWest Student Living Index 2019



In the 2020-21 academic year, first year students living in Northern Ireland and all students from outside Northern Ireland are guaranteed a place in Queen's Accommodation!

Read the full Allocation Policy on the Queen's Accommodation website.

FIND OUT MORE

t: +44 (0)28 9097 4525
w: qub.ac.uk/accommodation

EXPLORE OUR WORLD-CLASS FACILITIES



The Biological Sciences Building



The Computer Science Building



Queen's is one of the top 10 most beautiful historic universities in the UK
(QS World University Rankings 2019)



9th in the UK for university facilities
(Times Higher Education Student Experience Survey 2018)



New Student Centre

Step inside your £700m classroom. You'll benefit from the substantial investment in our teaching facilities that has developed our historic campus into an innovative learning environment for our exceptional students and staff.

OUR EVER-EVOLVING CAMPUS

Our award-winning School of Biological Sciences building offers state-of-the-art teaching and research facilities for its 750 students and 170 staff. With five floors, the building provides facilities to help grow our life sciences sector, in areas such as agriculture and food science, food safety, disease/infection biology, diagnostics, waste management, ecosystems and the environment.

At the heart of the campus, the £20m School of Law Moot Court Room and the Herbert Smith Freehills Student Hub exemplify Queen's commitment to the future-thinking needs of its students.

Further along the campus skyline, the exciting new facilities and space in the colourful Computer Science Building recognise the importance of this subject to the global market. It features computer labs, project spaces, breakout rooms and a three-floor Student Hub.

The School of Mathematics and Physics features a dedicated space for teaching, with new lecture and group-study rooms, a student social area, computer facilities and a state-of-the-art Physics laboratory.



The Lanyon Building



The McClay Library

BOARD THE 'STARSHIP FOR SCHOLARS'

Designed by the international architects who inspired the libraries at Yale and Harvard, it's little wonder Nobel laureate Seamus Heaney dubbed the McClay Library a 'starship for our scholars'. Blending the best features of a traditional library with the latest smart technology, you'll have access to extensive book and journal collections, reader spaces, computer workstations and group study rooms.

The recent expansion of the award-winning McClay Library continues to increase provision of reader, computer and social spaces to maintain and enhance the student experience.

During exams, this is definitely the place to be, it's even open 24 hours a day!

Tejinder Gill,
BDS Dentistry

OUR NEW STUDENT CENTRE

A vibrant new Students' Union facility that significantly enhances the Queen's student experience, our new world-class Student Centre is due to open in 2022. The new centre will consolidate all student services under one roof creating a 'heartbeat' for life on campus.

A CONNECTED CAMPUS

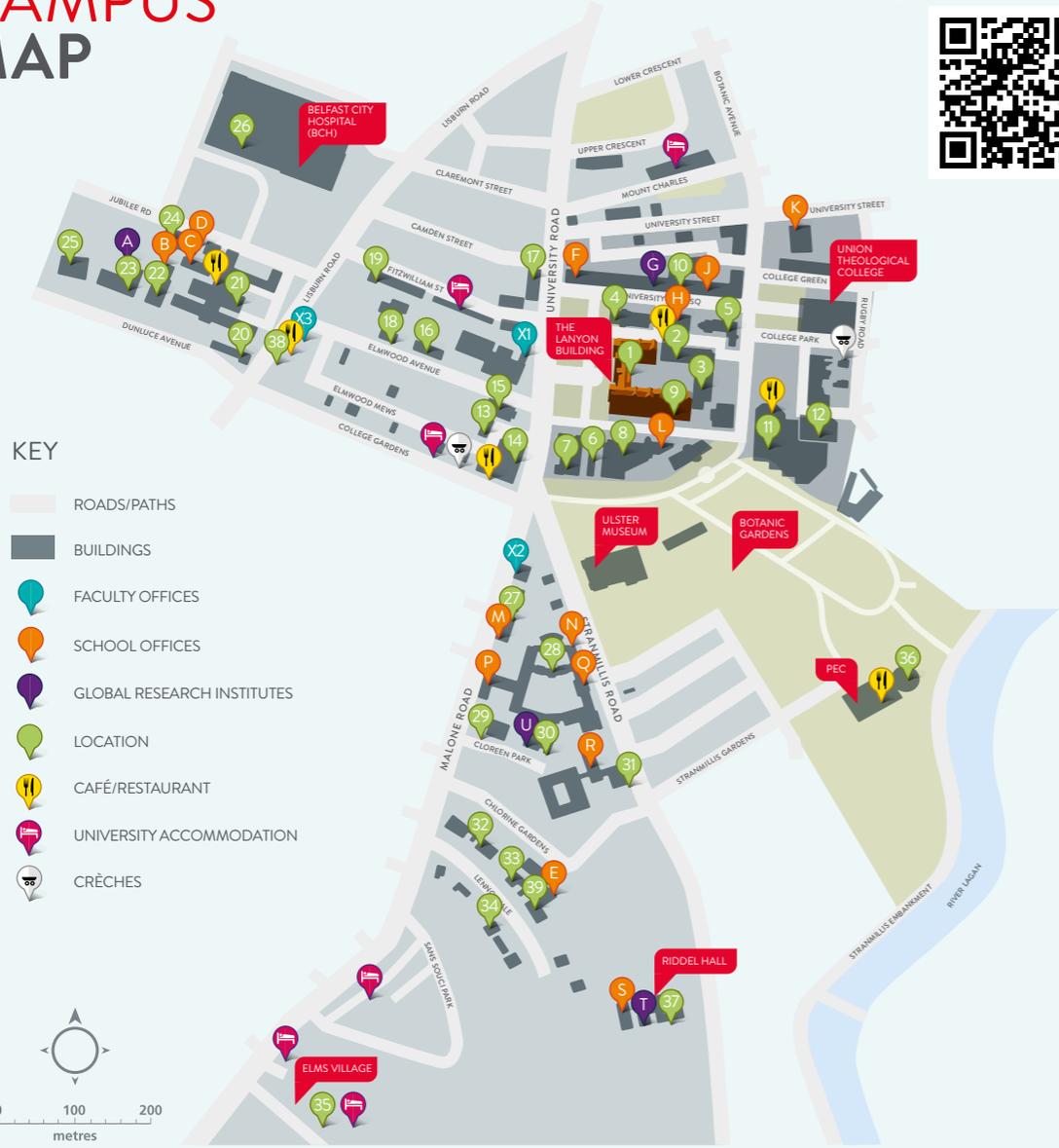
The Wireless Campus Project is a £1.93m investment programme providing a world-class service of connectivity across the University through more than 2,000 access points. It enables you to have anytime, anywhere access to the resources you need.

SUPPORTING LANGUAGE LEARNING

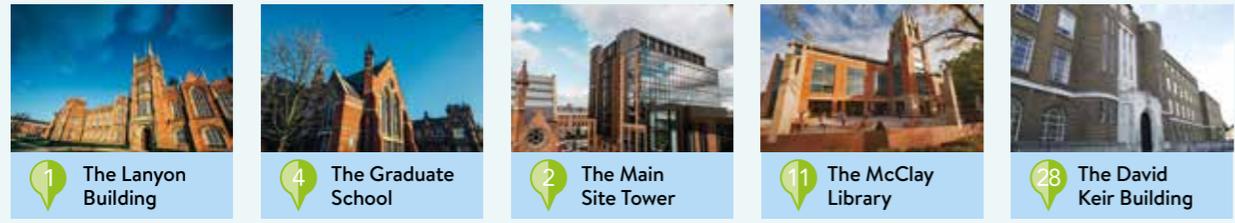
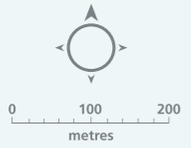
Our Language Centre, located in the McClay Library, provides you with the opportunity to acquire skills in a foreign language and improve your career prospects through our advanced multimedia facilities.

CAMPUS MAP

qub.ac.uk/virtual-tour



- KEY**
- ROADS/PATHS
 - BUILDINGS
 - FACULTY OFFICES
 - SCHOOL OFFICES
 - GLOBAL RESEARCH INSTITUTES
 - LOCATION
 - CAFÉ/RESTAURANT
 - UNIVERSITY ACCOMMODATION
 - CRÈCHES



FACULTY OFFICES

- Arts, Humanities and Social Sciences **X1**
- Engineering and Physical Sciences **X2**
- Medicine, Health and Life Sciences **X3**

SCHOOL OFFICES

- Arts, English and Languages **F**
- Biological Sciences **E**
- Chemistry and Chemical Engineering **N**
- Electronics, Electrical Engineering and Computer Science **M**
- History, Anthropology, Philosophy and Politics **J**
- Law **H**
- Mathematics and Physics **L**
- Mechanical and Aerospace Engineering **R**
- Medicine, Dentistry and Biomedical Sciences **B**
- Natural and Built Environment **Q**
- Nursing and Midwifery **C**
- Pharmacy **D**
- Psychology **P**
- Queen's Management School **S**
- Social Sciences, Education and Social Work **K**

GLOBAL RESEARCH INSTITUTES

- The Senator George J Mitchell Institute for Global Peace, Security and Justice **G**
- The William J Clinton Leadership Institute **T**
- The Institute for Global Food Security **U**
- The Institute of Electronics, Communications and Information Technology **(Titanic Quarter)**
- The Institute of Health Sciences **A**

LOCATION

- Academic and Student Affairs **3**
- Administration Building **3**
- Ashby Building **31**
- Biological Sciences **39**
- Canada Room/Council Chamber **1**
- Careers, Employability and Skills **14**
- Centre for Cancer Research **23**
- Chrono Centre **19**
- Clinical Research Facility **26**
- Computer Science **27**
- Counselling Service **14**
- David Bates Building **12**
- David Keir Building **28**
- Development and Alumni Relations **1**
- Disability Services **14**
- Drama and Film Centre at Queen's **10**
- Dunluce Health Centre **20**
- Elms Village **35**
- Elmwood Building **18**
- Elmwood Hall **15**
- Estates **3**
- Finance **3**
- Great Hall **1**
- Graduate School **4**
- Harty Room **5**
- Health Sciences Building **25**
- Human Resources **3**
- Information Services **11**
- Institute of Professional Legal Studies (IPLS) **33**
- International Office **1**
- INTO Queen's **32**
- Jobshop **14**

- Lanyon Building **1**
- Library **11**
- Main Site Tower **2**
- Marketing, Recruitment, Communications and Internationalisation **1**
- McClay Research Centre **24**
- Medical Biology Centre (MBC) **21**
- Naughton Gallery **1**
- Northern Ireland Technology Centre (NITC) **30**
- Occupational Health and Safety Services **34**
- Peter Froggatt Centre (PFC) **2**
- Pharmacy Building **24**
- Physical Education Centre (PEC) **36**
- Physics Building (New) **8**
- Physics Building (Old) **9**
- Queen's Film Theatre (QFT) **10**
- Registrar and Chief Operating Officer **1**
- Research and Enterprise **17**
- Riddel Hall **37**
- Sonic Arts Research Centre (SARC) **29**
- South Dining Hall **6**
- Student Guidance Centre **14**
- Student Plus **1**
- Students' Union Elmwood **16**
- Students' Union – Speakeasy Bar **38**
- University Health Centre **13**
- Vice-Chancellor's Office **1**
- Welcome Centre **1**
- Whitla Hall **7**
- Whitla Medical Building **22**
- Wellcome-Wolfson Institute for Experimental Medicine **23**





START YOUR JOURNEY

The hardest part of any journey is the first step. Our guide to starting at Queen's makes it all the easier. Let's find out more.

- 50 Steps to University
- 52 Making the most of Studying at Queen's
- 54 Scholarships
- 55 International Scholarships
- 56 Fees and Funding
- 58 Joint Honours Degrees
- 60 Admissions and Entrance Requirements
- 82 Access Course Entrance Requirements
- 86 Other Qualifications
- 88 How and When to Apply

STEPS TO UNIVERSITY

We want to make your journey to becoming a student at Queen's as easy as possible for you. In the following section, we'll tell you all you need to know about the application process, your funding options and meeting our entrance requirements to make sure you're suitably prepared for your chosen course(s) at Queen's.

We'll also let you know about key events like our Open Days, which allow you to get a sense of what life at Queen's is really like, as well as our events for potential students, which give you a chance to find out more about the courses that interest you.

ENROLMENT AND REGISTRATION

Details of arrangements for enrolment and registration will be sent to your home address in late August. This will include your Queen's University email account, student number and

credentials for logging on to Qsis, the University's Student Information System. During registration, you must provide documentary proof of your qualifications and an approved form of photographic identification eg a passport. International students will be required to provide passport and satisfactory visa information before they can enrol. All students will be asked at enrolment to confirm that they will abide by the Terms and Conditions which are sent to them as part of their offer of a place at the University.

1

CHECK OUT OUR OPTIONS

You may have a set career in mind – so start by looking at what courses are the best for you. But if you don't know just yet, that's fine. In that case we suggest you find something you want to study. Remember that all Queen's degrees have our dedication to graduate employability built in!

2

COME TO OUR OPEN DAYS*

There's no better way to get a feel for Queen's than by coming to see us. Open Days are your best bet – you'll be able to see the campus, our accommodation, our Students' Union and our study facilities, but also speak to lecturers and current students about what it's really like to live and study here.

* If you can't make any of our Open Days, we'd be happy to arrange a campus visit for you – just get in touch.

3

APPLY

If you want to study here – and we hope you do – then apply via UCAS from September 2020*.

*See pages 88-91 on 'How to apply'.

4

COME TO OUR POTENTIAL STUDENT EVENTS

After you've applied for a course(s) at Queen's, we'll invite you to one of our potential student events, where you'll meet Queen's staff and students and chat about your course(s) of interest.

5

ACCEPT YOUR OFFER

Accept your offer by making Queen's your Firm choice. You won't regret it – just ask our current students!

6

APPLY FOR ACCOMMODATION

In the 2020-21 academic year, first year students living in Northern Ireland and all students from outside Northern Ireland are guaranteed a place in Queen's Accommodation. The online application opens in January 2021. See pages 40-43 for details.

7

RESULTS

The most nerve-wracking stage – your exams may be a distant memory, but the Big Day is here. We wish you all good luck – and if you get the results you need, then we'll see you soon.

8

WELCOME TO QUEEN'S

You'll register for your course in September 2021. For your first while, we'll extend the famously warm Northern Ireland welcome through informal workshops, parties, quizzes and other fun events – just to help break the ice and make settling in that bit easier. Freshers' Week, before classes start, is your chance to find out about all the clubs, societies and extras that launch you into your new life, and of course to make friends, relax and enjoy yourself!

MAKE THE MOST OF STUDYING AT QUEEN'S

CHOOSING YOUR SUBJECTS

For a typical three-year degree (also known as a programme) you will take the equivalent of six Level 1 modules at Stage 1, followed by the equivalent of 12 modules at Stages 2 and 3, with your choice of module governed by the requirements of the degree; and provided that:

1. You meet the necessary criteria (if there are any) to take the modules
2. It is possible to timetable both classes and examinations for the chosen combination of modules
3. There is a place available in the class

However, you need to be aware that admission to some high-demand subjects at Stage 1 or Stage 2 may be restricted to those who have applied for and been accepted into those courses through UCAS.

Many students will wish to follow degree programmes where the choice of modules is more limited – eg Medicine, Dentistry, Nursing, Law, Engineering, and Accounting – because of the needs of the professions concerned.

In some academic areas you may be able to study for a Joint Honours Degree (equal numbers of modules in two different subjects). Check in the Course Requirements section from page 61 to find out where this is possible. Please see pages 56-57 for more information.

STUDYING FOR A DEGREE/ THE MODULAR SYSTEM

The academic year is divided into two semesters and also includes an assessment period and a development period. Assessment and development activities also take place during the semesters.

Most degree courses consist of the equivalent of 18 modules, normally taken over a period of three years (three

Stages). Full-time students take the equivalent of six modules each year, with choice governed by content of the degree course. Modules may be either semester-long or year-long. Some subject areas offer opportunity to study abroad as part of the Erasmus or other exchange programmes (see also page 16).

A number of degree courses are more than three years in duration (see Course Requirements section), because they include a work placement or a year abroad. Some subject areas offer extended undergraduate degree courses (eg the MSci/MEng four-year/five-year degrees).

ADVICE AND SUPPORT

You will receive a Welcome Pack by post which will contain registration information. Students will also receive information regarding Welcome activities and the Vice-Chancellor's Welcome event for students and parents.

A Personal Tutor will be assigned to you when you enrol. He or she will meet with you and will be available to support you in your general academic development during both Stages 1 and 2. Personal Tutors are also able to signpost centralised support services that are available and relevant to you in the Student Guidance Centre. Should you encounter an academic or other difficulty that could affect your academic performance, you are encouraged to talk to your Personal Tutor and the relevant subject lecturer about this. If they cannot assist you, the Personal Tutor will be able to refer you to someone who can. As you progress through your course, your Personal Tutor will also encourage you to participate in extracurricular activities, such as Degree Plus, designed to enhance your employability and add value to your Queen's experience.

For your career and employability development you will find guidance

information on the careers website (qub.ac.uk/careers) and a range of opportunities and activity to get you involved, advertised on the student portal MyFuture (qub.ac.uk/myfuture). These services are provided by the Careers, Employability and Skills staff which includes careers consultants, who work with your schools and who you will meet through employability workshops and programmes as well as one-to-one career guidance consultations, most of which takes place in the Student Guidance Centre.

You will also be allocated an Adviser of Studies who will support and guide you in making module choices and in discussing other formal issues relating to your academic progress.

For further details about modules, consult the Course Catalogue at qsicat.qub.ac.uk

Each module will involve assessment and this may be spread throughout each semester – assignments, essays, practical reports, projects, etc. Examinations, if required, are normally held during the assessment period towards the end of the second semester, although a small number of programmes will have examinations at different points in the year depending on accrediting or professional body requirements.

STUDENT CHARTER

University life is built on a real partnership between students and staff working together to ensure an outstanding educational and transformative experience.

The Student Charter sets out what you as a student can expect of the University and in return, what would be expected of you. It enables an environment where those expectations can be met and your ambitions realised. go.qub.ac.uk/StudentCharter

TEACHING, LEARNING AND ASSESSMENT

You may find that the approach to learning, teaching and assessment at university is different from that experienced at school or college. You should make use of the opportunities and support available to help you to make this transition and to gain the best degree you can. There is an increasing use of technology to support learning, teaching and assessment throughout the University, enabling you to follow up, in your own time, topics and ideas introduced in lectures. As such the university promotes innovative methods of teaching and assessment to enhance the quality of your learning experience.

Teaching and learning on campus, as well as in a virtual environment, can take a number of different formats: lectures, tutorials, seminars, practical instruction and laboratory sessions can all play a part in your learning. Practical instruction, laboratory and fieldwork are normally associated with science and engineering related subjects, while the creative arts may provide opportunities for students to take part in performances and use industry-related equipment. Small groups will usually meet regularly with a tutor to discuss their subject, their work and opinions in depth. This will encourage you to share and 'test' your knowledge – ie checking the relevance of your reading and the basis of your arguments. The University places considerable emphasis on teaching informed by research of national and international standing as part of this learning process.

Each of your modules will involve assessment – assignments, essays, practical reports, presentations, projects, examinations, and so on. You will get feedback on academic work from your lecturer or from other students. This feedback is designed to help you reflect on, and improve, the quality of your work. If you need help to improve your academic skills, contact the Learning Development

Service for support and guidance. Please visit: go.qub.ac.uk/studentguidance

The University is committed to ensuring that students not only graduate with a good degree, but also develop a range of transferable skills necessary for challenging and successful careers. Courses are therefore structured to help you realise your full potential and provide opportunities for you to develop skills in critical analysis, communication, digital literacy, team working and time management. Social responsibility and global perspectives are fostered within and beyond the curriculum.

Queen's has strong links with many companies and organisations in the private, public and voluntary sectors, and through the MyFuture careers management system advertises to students a wide range of graduate jobs, placements, internships, skills sessions, careers events and employer presentations. For further details visit: qub.ac.uk/myfuture

The Science Shop provides opportunities for students from all University departments to engage in career-enhancing projects with non-profit organisations through their course. Visit qub.ac.uk/sites/ScienceShop

The University offers many models of placement learning ranging from one week to a year in length and these reflect the diversity of degree programmes available. Some may include work abroad. Opportunities also exist to study for a semester or a year abroad under international exchange schemes.

Students are encouraged to enrich their Queen's experience by taking part in the University's extracurricular programme that includes involvement in clubs and societies, part-time work, volunteering, student ambassador roles, peer mentoring, vacation employment, careers programmes, language courses, international opportunities and entrepreneurial activities.

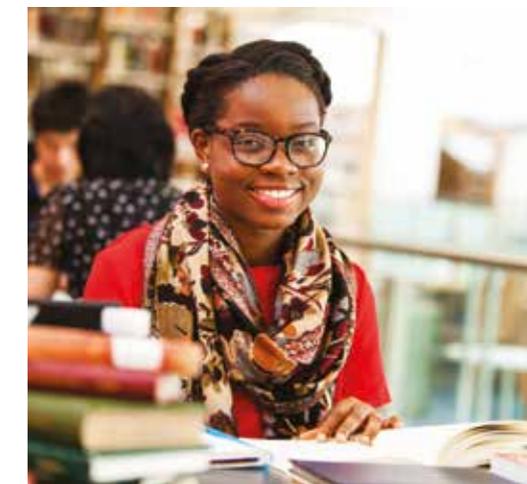
These contribute to the Degree Plus Award (qub.ac.uk/degreeplus), which has been designed to enhance your employability through the recognition and evidence of your extracurricular achievements. Your academic and extracurricular achievements

will be formally recorded by the University on your Higher Education Achievement Record (HEAR).

Development Weeks are a recent addition to the academic year and are a concentrated period for you to have time and space outside the academic timetable to develop extracurricular learning.

This period of learning is supported by Degree Plus accreditation. It is also an opportunity for students to create activity and share this with their peers. Student-led activity is both funded and accredited. The Development Weeks website has further details on how this initiative is evolving at go.qub.ac.uk/developmentweeks

Make use of the opportunities available – the more you get involved, the better your Queen's experience will become.



SCHOLARSHIPS

Queen's believes in rewarding hard work and excellence. Each year, we offer a range of scholarships and prizes for new students. Our fantastic scholarship opportunities can help ease financial stress and enable you to achieve your academic ambitions. Most of all, a prestigious Queen's Scholarship is a reward in itself; recognising student excellence within a top Russell Group university.

For students enrolling in 2021-22, awards include:

MERIT SCHOLARSHIPS

Queen's University Entrance Scholarships

All students entering the University for the first time to undertake a primary degree, and who have achieved at least three A grades at A-level (including AVCEs), are eligible to enter the University's annual A-level Entrance Scholarship Competition. A number of scholarships are available varying from £600 to £2,400. See go.qub.ac.uk/Entrance-scholarship for more information. Awards are subject to funding availability.

Undergraduate Scholarships for students from England, Scotland, Wales, the Channel Islands and the Isle of Man

Generous scholarships are available for eligible GB students.

For further information about opportunities to fund your studies see: go.qub.ac.uk/gb-schol



LLOYDS SCHOLARS

Together Queen's University and Lloyds Banking Group are offering this unique, means-tested programme supporting our students in their academic and vocational development. Lloyds Scholars offers a complete financial and support package including annual bursaries, paid internships, a business mentor, development of employability skills, and the opportunity to receive end of course excellence awards. Applications open in May each year. For more information contact LloydsScholars@qub.ac.uk or register your interest at Lloyds-scholars.com.

SPORT SCHOLARSHIPS

Sport Bursary and Academy Scholarship Awards

Available to current students who have achieved a high standard in their particular sport, these awards include sports science support, complimentary facility access, clothing and financial assistance. There are over 100 Academy Scholarship places available each year.

Please note that terms and conditions apply for all our scholarships. Details are correct at time of print (February 2020). Please see website for further information.

SPORT BURSARIES

go.qub.ac.uk/sportsbursaries

Applications will re-open between 1 July – 2 October 2020.

ACADEMY SCHOLARSHIPS

go.qub.ac.uk/academy-scholarships

Applications will open between 1 July – 2 October 2020.

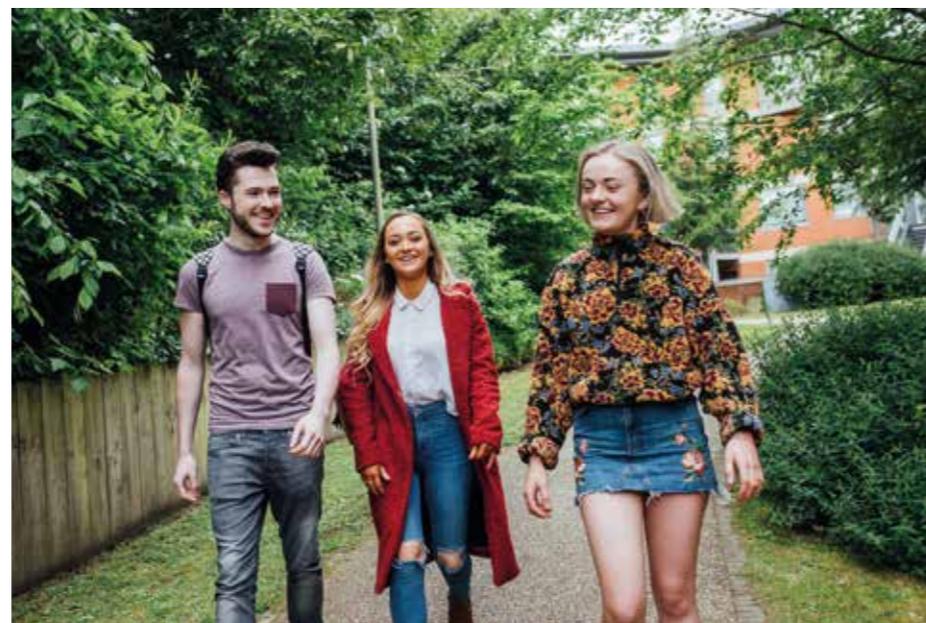
ELITE ATHLETE PROGRAMME

Our Elite Athlete Programme (EAP) provides students with a platform to achieve challenging sporting and academic goals. The programme places equal emphasis on academia and sporting ambition and offers benefits including academic flexibility, financial assistance towards fees and living costs, mentoring, media support, physiotherapy, access to Queen's Sport facilities and bespoke sports clothing.

ELITE ATHLETE SCHOLARSHIPS

go.qub.ac.uk/elite-athletes

Applications open in March 2021 for 2021-22 entry.



INTERNATIONAL SCHOLARSHIPS

Over £1.5m of International Scholarships available!

AWARD	ELIGIBILITY	AMOUNT	APPLICATION PROCESS
International Office Undergraduate Scholarship	All new international students enrolling onto a full-time undergraduate programme (some exclusions apply)	Award of £2,500 (fee rate 1) or £3,000 (fee rate 2) on year 1 exclusively	No separate application required – apply to study at Queen's and you will be automatically assessed
Vice-Chancellor's International Attainment Scholarship – Undergraduate	Two new international students enrolling onto a full-time undergraduate programme (some exclusions apply)	Full tuition fees paid for all years of programme (maximum 4 years)	Application required – apply online
Loyalty Scholarship	Exchange and Study Abroad students returning to study a full-time undergraduate programme at Queen's University	20% tuition fee reduction on year 1	Application required – apply online

OPEN TO NEW STUDENTS

Early Bird Reward	All new international students enrolling onto a full-time degree programme, who hold an unconditional offer, and who pay fees in full, by 30 June 2021 or 19 August 2021 (some exclusions apply)	10% discount on gross fees - may be used in conjunction with other scholarships	Students must email proof of payment to internationalscholarships@qub.ac.uk or the discount will not be applied
Queen's Family Scholarship	Children and siblings of Queen's Alumni and current students	20% tuition fee reduction on year 1	Online verification required

Full details of International Office scholarships for 2021-22 will be available at go.qub.ac.uk/intlschol

FURTHER INFORMATION

go.qub.ac.uk/ug-scholarships

go.qub.ac.uk/intlschol

qub.ac.uk/schools

internationalscholarships@qub.ac.uk

FEES AND FUNDING

QUEEN'S TUITION FEES AND SUPPORT AVAILABLE

This section outlines the different tuition fee and student financial support arrangements for students from Northern Ireland, those from England, Scotland and Wales (Great Britain), and those from the rest of the European Union. Information for International students are available on page 57. Please visit: qub.ac.uk/TuitionFees

Queen's works to ensure that all those who can benefit from a university education have the chance to do so, and a generous system of financial support is in place to help them.

Higher education funding arrangements mean that students can study now and pay later. Tuition fees can become part of a loan, available from the Student Loans Company (SLC), which will be paid back when they are working and earning. For current thresholds, please refer to: slc.co.uk

FEES: FULL-TIME UNDERGRADUATE

- **Students who normally live in Northern Ireland (NI students)**
Full-time undergraduate: £4,395
- **Students who normally live in England, Scotland and Wales (GB students)**
Full-time undergraduate: £9,250
- **Students who normally live in the Republic of Ireland and other non-EU countries (EU students)**
Full-time undergraduate: £4,395

The tuition fees quoted are for 2020-21 as fees for 2021-22 have not been set. Tuition fees will be subject to an inflationary uplift in subsequent academic years.

Please refer to qub.ac.uk/TuitionFees for updates to tuition fees for 2021-22.

For further details on residency please visit: qub.ac.uk/TuitionFees

TUITION FEE PAYMENT OPTIONS

A number of options are available to pay tuition fees. Students can either:

- Defer direct payment of fees by applying for a tuition fee loan from the SLC.
- Sign up to a Direct Debit and make a minimum 25 per cent payment at enrolment, followed by three monthly payments, in November, January and March of each academic year.

The Direct Debit scheme is only available to those who have a current account with a UK bank, which is registered for the Direct Debit scheme.

- Pay the full tuition fee on enrolment, or
- A combination of fee loan and payment.

Please note that 25 per cent of the tuition fee liability, due at enrolment, is non-refundable.

APPLYING FOR TUITION FEE LOANS AND SUPPORT

Eligible students, who first enrol in September 2021, can defer their fees by applying for a fee loan. Those who wish to take out a loan should complete the PN1 application online – for details please refer to the websites below. A single application is made for a tuition fee loan, maintenance loan and government grant. The household income details submitted will also be used in the assessment of a student's eligibility for a University bursary.

STUDENT SUPPORT FUND

The Student Support Fund is a discretionary fund, which provides financial assistance to students who encounter financial difficulty whilst studying at Queen's. To be eligible for an award from the Support Fund, undergraduates must have taken out the maximum tuition fee loan and maintenance loan to which they are entitled.

For further information, please contact the relevant authority, as outlined:

Students from Northern Ireland
studentfinanceni.co.uk

Students from England
gov.uk/student-finance

Students from Scotland
saas.gov.uk

Students from Wales
studentfinancewales.co.uk

EU students are only entitled to take out a loan for tuition fees and are not eligible for UK Government grants or Queen's bursaries. If applying through UCAS, an application form will be sent at the time an offer is made. If not applying through UCAS, an application form can be obtained, together with further details about the support available, from: gov.uk/student-finance-forms or by phoning +44 (141) 243 3570.

PAYING FULL FEES AT ENROLMENT

For full terms and conditions of the University's Withdrawal Policy please visit: qub.ac.uk/TuitionFees

FAILURE TO PAY FEES

Failure to pay tuition fees, or make appropriate arrangements to pay tuition fees, by the relevant deadline, will result in the student being suspended. Students should note that, if registration has been suspended, they may not proceed to the next year/stage of their programme nor, if applicable, graduate until that debt is repaid.

ADDITIONAL COSTS

Depending on the programme of study, there may be extra costs which are not covered by tuition fees, which students will need to consider when planning their studies. For further information see qub.ac.uk/courses



INTERNATIONAL FEES AND LIVING COSTS

The tuition fee rates for non-EU students for the academic year 2020-21 are quoted in pounds sterling, with the approximate equivalent in US dollars. Tuition fees for 2021-22 have not been set. Please note that exchange rates may vary, and all fee payments must be made in pounds sterling.

For further details on residency please visit: qub.ac.uk/TuitionFees

FEES – FULL-TIME UNDERGRADUATE

- Classroom-based courses (Fee rate 1): £16,900 (US \$22,250)
- Courses with a laboratory or workshop component (Fee rate 2): £20,800 (US \$27,390)
- Dentistry: £31,850 (US \$41,945) This fee is chargeable each year of the five-year BDS degree.
- Medicine: £41,850 (US \$55,115) This fee is chargeable each year of the 5 year degree. The fee includes an annual mandatory clinical placement levy of £10,000 introduced by the Northern Ireland Department of Health for all international medical students, to cover access to clinical placements

- Study Abroad: £7,350 (US\$9,432) per semester

**Approximate equivalencies are shown at the following rate (17 December 2019): US\$1.31= £1*

The tuition fees quoted will be subject to an inflationary uplift in subsequent academic years.

Please refer to qub.ac.uk/TuitionFees for updates to tuition fees for 2021-22.

PAYMENT OF TUITION FEES

All international students must fulfil financial arrangements at registration before commencing study at the University. The options available to pay tuition fees are:

- Pay the full tuition fee on enrolment, by credit/debit card, by bank transfer or by sterling cheque, or
- Sign up to a Direct Debit and make a minimum 25 per cent payment at enrolment, followed by three monthly payments, in November, January and March of each year. The Direct Debit scheme is only available to those who have a current account with a UK bank, which is registered for the Direct Debit scheme.
- Please note that 25 per cent of the tuition fee liability, due at enrolment, is non-refundable.

For full terms and conditions of the University's Withdrawal Policy please visit: qub.ac.uk/TuitionFees



FAILURE TO PAY FEES

Failure to pay tuition fees, or make appropriate arrangements to pay tuition fees, by the relevant deadline, will result in the student being suspended. Students should note that, if registration has been suspended, they may not proceed to the next year/stage of their programme nor, if applicable, graduate until that debt is repaid.

ADDITIONAL COSTS

Depending on the programme of study, there may be extra costs which are not covered by tuition fees, which students will need to consider when planning their studies. For further information see qub.ac.uk/courses

Further Information

Details above are correct at time of print (February 2020). Regular updates on tuition fees will be provided on the University website and direct to applicants.

All queries on the information provided above should be directed to the Student Helpline on +44 (0)28 9097 3223 or see qub.ac.uk/TuitionFees

Student Finance Office
Student Guidance Centre
Queen's University Belfast
Belfast, BT7 1NN.

JOINT HONOURS DEGREES

Many of the degree subjects offered at Queen's can be taken as part of a Joint Honours degree.

A range of combinations are available, eg Anthropology and Spanish, Archaeology and History, Criminology and Sociology, Drama and English, French and Irish, History and Politics, International Relations and Spanish, and Mathematics and Computer Science.

Joint Honours degrees allow you to study two different subjects alongside students on the Single Honours degrees. In each year of the degree you will normally study an equal amount of both subjects through a mix of core, optional and, in many cases, interdisciplinary modules. Students will normally have the opportunity, and in some instances be required, to complete a dissertation in one of their chosen subjects. Placement opportunities also exist. Among the many attractions of a Joint Honours degree are:

- The option to study two subjects, one or more of which may be an entirely new area of study
- Developing a range of skills across more than one subject thus widening career options and increasing job opportunities

- Bringing perspectives from one subject to another
- Being able to demonstrate to employers flexibility as well as expertise in more than one subject

Many of the Joint Honours degree combinations have dedicated prospectus entries. Others are listed under the degree subjects.

A number of combinations are offered as Major-Minor degrees (eg Economics with French, English with Creative Writing, and Law with Politics). In these degrees, two-thirds of the study is dedicated to the first named subject; the other third to the second subject.

Popular Joint Honours degrees include:

- Anthropology and History
- Criminology and Social Policy
- Criminology and Sociology
- Drama and English
- Economics and Accounting
- Economics with Finance
- English and History
- French and Spanish
- History and International Relations
- History and Politics
- Law with Politics
- Philosophy and Politics

“I chose a joint degree because during my A levels when I was trying to decide my degree pathway. I felt that I wanted to continue with both subjects at a higher level and I had heard that there was a shortage of languages graduates. I also believe that having a language as part of my degree will be invaluable to my career opportunities later in life.”

Eilish Saunders
English and French

“I study Sociology and Social Policy and I find it very engaging and interesting. There is a good balance of contact hours and self-study which is challenging yet manageable. All the lectures I attend are very interesting and all the lecturers are excellent, you can really tell they love what they teach.”

Niamh Doherty
Sociology and Social Policy

Further Information

For the most up-to-date information on courses and entry requirements, please see our online Course Finder qub.ac.uk/courses

ADMISSIONS AND ENTRANCE REQUIREMENTS



If you are thinking about applying to Queen's you need to know about the General Entrance Requirement and the course requirements for the degree(s) of your choice.

GENERAL ENTRANCE REQUIREMENT

The General Entrance Requirement can be satisfied in a number of ways as shown below. In all cases GCSE English Language at grade C/4, or an equivalent qualification acceptable to the University, must be offered. The University accepts Level 2 Essential Skills in Communication in lieu of a grade C/4 in GCSE English Language. Applicants whose first language is not English should refer to the section under the heading 'English language requirements for international students' since different requirements apply. Please note that the same subject cannot be counted at different levels in satisfying the General Entrance Requirement.

GCE/GCSE Qualifications

Passes in the General Certificate of Secondary Education or International General Certificate of Secondary Education (minimum grade C/4) and the General Certificate of Education (Advanced Level) as follows:

Either

a) Passes in at least five subjects, two of which should be at A-level

or

b) Passes in at least four subjects, three of which should be at A-level

A-level (Double Award) will be acceptable in place of two A-levels.

Two AS-levels will not be acceptable in place of one A-level in fulfilment of the General Entrance Requirement.

More detailed information is available from the Admissions and Access Service website: qub.ac.uk/ado

Scottish Highers and Advanced Highers

Passes in the Scottish Qualifications Certificate (Standard Grade (grades 1–3), Intermediate 2, National 5, Highers and Advanced Highers) as follows:

Either

a) Passes in at least five subjects, three of which should be at Higher level

or

b) Passes in at least four subjects, all of which should be at Higher level

See table on page 87 for guidance.

A BTEC Diploma/ National Diploma/ Extended Diploma/National Extended Diploma or Higher National Certificate/Diploma

Please refer to pages 86–87 for more detail.

An OCR Cambridge Technical Diploma or Extended Diploma

Please refer to page 86 for more detail.

The Welsh Baccalaureate Advanced Skills Challenge Certificate

Please refer to page 63 for more detail.

The International Baccalaureate (IB) Diploma Programme (DP)

See table on page 87 for guidance.

The Cambridge Pre-U Diploma and Principal Subjects

Please refer to page 87 for more detail.

The Irish Leaving Certificate

The General Entrance Requirement can be satisfied by passes in five subjects to include English, four of which should be at H5 grade.

The European Baccalaureate

Further information is available in the Undergraduate Admissions Policy 2020/2021 Entry (Appendix 2, Table 2 (a)) at: qub.ac.uk/directorates/MRCI/admissions/UndergraduateAdmissions/UndergraduateAdmissionsPolicy/

Home-educated applicants

The University considers home education as a valid alternative to an exam-centred school education and welcomes applications from such students. Applicants should note that they will be considered against the standard admission criteria of the course for which they are applying and will need to demonstrate that they meet the specified academic requirements of the course.

Recognition of Prior Learning (RPL)

The University operates a RPL scheme which includes experiential learning or prior certificated learning for both admission and credit purposes. This is available at qub.ac.uk/directorates/AcademicStudentAffairs/AcademicAffairs/GeneralRegulations/Procedures/ProceduresforRecognitionofPriorLearningRPL/

Other qualifications deemed acceptable by the University

If you are taking qualifications which differ from those listed here, please contact the Admissions and Access Service for advice.

e: admissions@qub.ac.uk
t: +44 (0)28 9097 3838

ENGLISH LANGUAGE REQUIREMENTS FOR INTERNATIONAL STUDENTS

One of the under-noted approved tests in English may be offered in place of GCSE English Language:

1. IGCSE English Language (including Speaking and Listening/Oral test) or a recognised overseas O-level English Language
2. Cambridge Proficiency (CPE)
3. Cambridge Advanced (CAE)
4. University of Cambridge International Examinations (CIE) GCE O-level English Language Syllabus 1119/1120 (with pass in Oral test) 1123/1125/1127/1128
5. IELTS Academic Test
6. TOEFL iBT (internet-Based)
7. INTO English for University Study Test
8. INTO English Language Assessment (IELA)
9. Pearson Test of English (PTE) Academic
10. HKDSE – Hong Kong Diploma of Secondary Education
11. Trinity ISE III or IV Integrated Skills in English Examinations (with at least a Pass in all test components)

Further information on other acceptable English Language qualifications is available at: qub.ac.uk/International/International-students/Applying/English-language-requirements

Details of the English Language requirements for entry to each undergraduate degree programme can be found in the individual course descriptions.

Applicants who require a visa for study, and who intend to undertake a Pre-session English course prior to commencing their degree must hold a Secure English Language Test (SELT) approved by UK Visas and Immigration (UKVI) – see gov.uk/visas-immigration

Recognised Subjects

All subjects set by recognised examination boards are, in principle, acceptable in fulfilment of the General Entrance Requirement. The University will take account of restrictions imposed by the examination boards and possible overlap between subjects. In considering applications, individual Schools or Faculties reserve the right to take account of the range, content and number of subjects being offered. A/AS-level General Studies and A-level Critical Thinking are not normally included as part of conditional offers.

Applicants who require advice about the acceptability of any subject should contact the Admissions and Access Service (admissions@qub.ac.uk).

POLICY STATEMENT ON QUALIFICATIONS REFORM ACROSS THE UK

The University recognises that qualifications reform across the UK, which continues to be introduced on a phased basis, will result in applicants presenting with different qualification profiles. Furthermore, we appreciate that the opportunities available to applicants will often be dependent on school/college policy.

Queen's has extensive experience of admitting students with a wide range of qualifications, many of which are non-modular (linear) in nature. Based on this, we would like to provide reassurance that we will continue to ensure that all applicants are treated fairly and are not disadvantaged by the reforms and decisions made by schools/colleges, as appropriate to their individual circumstances.

The following information represents our approach and this policy is reviewed as further details become available. Please refer to our website at qub.ac.uk/ado for the most up-to-date position.

AS/A-level Reform

A-level qualifications offered by the Examination Boards in Northern Ireland and Wales have the same structure as

previously though the AS component of the A-level has a reduced weighting and we wish to confirm that the results obtained in linear and modular A-levels will be treated on the same basis.

Currently, in terms of selection for the most competitive courses, emphasis is placed on GCSE performance with AS-level results taken into account in borderline cases or where they are significantly better than the GCSEs and this will continue. We would encourage schools and colleges to outline what qualifications they offer to their students in the UCAS reference. This will inform our decision and allow us to use alternative factors in the selection process to ensure applicants, who have not undertaken any AS-levels at the time of application, are not disadvantaged.

The only programme where a fourth AS-level may be necessary is Medicine and the Extended Project Qualification (EPQ) is acceptable in lieu. Where a school does not offer AS-levels or the EPQ, a lower grade in a fourth A-level will be acceptable.

For all other degree programmes, offers are made on the basis of three A-levels, though following release of results, additional qualifications may be taken into account in borderline cases, as at present. Those with a fourth A/AS-level or the EPQ may therefore be at an advantage.

GCSE Reform

A Grade C/4 in GCSE English Language (or equivalent, acceptable to the University) is a general entrance requirement and for a number of degree programmes, there are GCSE subject requirements at Grade C/4 or above. In addition GCSE performance may be used as part of the selection criteria when deciding whether or not to make an offer or in shortlisting for interview. In terms of the new 9–1 grading scale, the University will equate A* to grade 9, A to grades 7 and 8, B to grade 6, C* to grade 5 and C to grade 4. These mappings will be kept under review. The results obtained in linear and modular GCSEs will be treated on the same basis.



A-level Science Practical

A pass in the practical element of the reformed Science A-levels from the English Awarding Bodies and Eduqas will be a requirement and this will be specified in offers.

Information can be found at: qub.ac.uk/directorates/MRCI/admissions

CRITERIA FOR OFFERS

The Prospectus is prepared well in advance of the academic year to which it relates. Therefore, the target grades stated here and in the A-Z of Degrees section are for guidance only. Please refer to the Course Finder on the University's website, which will have current grade requirements: go.qub.ac.uk/coursefinder

All applicants are considered individually on their merits and the full information on the application form, including the personal statement and reference, is taken into account.

Competition for places varies considerably between courses and it is to be expected, therefore, that the factors taken into account by individual Course Selectors differ. The following general points are likely to apply:

Overall academic background and, in particular, performance at GCSE and/or AS-level or in the first year of BTEC/OCR Level 3, BTEC HNC Level 4/HND/Foundation Degree Level 5 or Access Course Level 3 qualifications is important, particularly for high-demand programmes. Predicted grades are not normally used, except in very borderline cases.

Offers for repeat applicants, or for those who have taken an extra year to achieve the grades required, may be one grade higher overall for some subject areas. Course Selectors would not normally consider applicants who have had more than two attempts at obtaining the required qualifications for admission. Further restrictions may apply for high-demand courses.

In the case of applicants who take qualifications a year earlier than is the norm, the grade(s) achieved will be taken into account in fulfilment of the target. The standard conditional offer is usually made with a note added to indicate that performance in the previous year will be counted.

For students who have studied beyond A-level or equivalent, performance at this level will also be taken into account.

In addition to academic criteria, interviews, admissions/apptitude tests, auditions, etc, form part of the selection process for some courses.

Some Course Selectors may also take into consideration experience, motivation and commitment to the chosen course.

Offers are made in terms of grades rather than UCAS Tariff points. This means that a minimum grade in any qualification may be specified. Offers will normally be made on the basis of three A-levels or equivalent qualifications acceptable to the University. Additional subjects at AS/A-level may be taken into account in August in borderline cases.

Please note that Medicine requires three A-levels or three A-levels plus one AS-level (or alternative qualification acceptable to the University – see A-Z of degrees).

Currently conditional offers will not be made in terms of grades in individual AS/A2 modules, however, this information may be used in a tie-break situation after the release of A-level results in August.

An A* grade at A-level may be specified as part of an alternative offer for a limited range of degree programmes, for example, A* (Mathematics) AB or AAA (including Mathematics) at A-level for the MSc in Mathematics.

Where applicants take AS-level examinations in their penultimate year, but do not certify their results, it is helpful if the equivalent grades are given in the academic reference or personal statement since performance in these may affect whether or not a conditional offer is made.

Course Selectors, especially for the high-demand courses, may not equate the points score of two AS-levels to one A-level. In cases where a mixture of A and AS-levels is being offered, selectors are likely to ask for the higher grades in the A-level component rather than the AS component.

In many cases, where degrees do not have specific subject requirements, GCE General and GCE Applied A-level qualifications may be interchangeable and there is generally no restriction on the number of Applied A-level subjects which can be offered. The exceptions are Medicine and Dentistry where a maximum of either one Applied A-level or one Applied AS-level may be offered.

The University recognises the value of skills developed in the Extended Project Qualification (EPQ). For A-level applicants who decide to undertake the EPQ, this will be acceptable in place of the fourth AS-level subject for Medicine and will also be taken into account in lieu of an additional AS-level in August in borderline cases for all other degree programmes.

The Welsh Baccalaureate Advanced Skills Challenge Certificate (WBASCC) is considered in lieu of an A-level (grades A*-C) with the exception of Medicine and Dentistry (for Medicine/Dentistry the appropriate grade is accepted in place of the required AS-level).

Key Skills, ASDAN Certificate of Personal Effectiveness (COPE) or Princes Trust: the University acknowledges that development of transferable skills is an important aspect of both school and university education and students are encouraged to develop these whether or not it is through a formal qualification. While the University does not require them for any programme and they will not be considered in satisfying GCSE profiles or form part of the conditions of any offer, they may be used in a tie-break situation in August following the release of results.

COURSE FINDER

Further details about selection procedures are available in the individual degree programmes listed at go.qub.ac.uk/coursefinder under 'Entry Requirements'. Please refer to 'How we Choose our Students', found in Selection Criteria

A-LEVEL AND IRISH LEAVING CERTIFICATE ENTRANCE REQUIREMENTS

The A-level and Irish Leaving Certificate Course Requirements table lists all subjects that can be studied at Queen's, singly or in combination, as a significant part of a degree.

Column 1 gives a list of subjects in alphabetical order. Courses marked with a 'P' offer a placement option. Students taking the placement will have an additional year added to their course. Those participating normally receive remuneration.

Column 2 indicates the different weightings assigned to that subject as part of the final degree assessment:

S = Single Honours
M = Major Honours (2/3 weighting)
J = Joint Honours (1/2 weighting)

Column 3 gives the duration of the course. Courses involving the study of a foreign language as a Single, Major or Joint Honours subject require a year to be spent in the appropriate country (or countries, in the case of Joint Honours).

Columns 4 and 5 indicate the target grades in terms of A-levels and GCSEs and the Irish Leaving Certificate. These grades should be treated as a guide only, as variations can occur in certain circumstances. For example, offers for repeat applicants, or for those who have taken an extra year to achieve the grades required, may be higher for some subject areas. Where subjects are offered as Joint Honours, the entrance requirements are stated separately under each subject heading. Where an A-level Science subject is required it should be noted that a different range of subjects may be acceptable for individual courses.

Column 6 gives page references to Degree Subject section (for course content and other information).

Offers for International Students

As there are separate intake quotas, for some courses the entrance requirements for students from outside the European Union may be lower than those listed, depending on competition for places. Details are published in the International Prospectus available online at: go.qub.ac.uk/prospectusdownload

Subject	Degree	Yrs	A-Level Target Grades And Subject Requirements	Irish Leaving Certificate Higher Level Target Grades And Subject Requirements
Accounting	BSc (Accounting) [S]	3	AAB + GCSE Mathematics grade B/6	H2H3H3H3H3H3 + if not offered at Higher Level then Ordinary Level grade O3 in Mathematics
	BSc (Accounting) [S] with a language	4	AAB + GCSE Mathematics grade B/6. <ul style="list-style-type: none"> For French option – normally A-level French grade B or AS-level French grade B or GCSE French grade B/6 or evidence of linguistic ability in another language For Spanish option – normally A-level Spanish grade B or AS-level Spanish grade B or GCSE Spanish grade B/6 or evidence of linguistic ability in another language Note: If the language is studied at a higher level then the grade required at that level must be achieved	<ul style="list-style-type: none"> H2H3H3H3H3H3 + if not offered at Higher Level then Ordinary Level grade O3 in Mathematics For French option – normally H3 in French (or evidence of linguistic ability). If not offered at Higher Level then Ordinary Level grade O3 in French acceptable For Spanish option – normally H3 in Spanish (or evidence of linguistic ability). If not offered at Higher Level then Ordinary Level grade O3 in Spanish acceptable
	BSc (Econ) [J with Economics]	3	ABB + GCSE Mathematics grade B/6	H3H3H3H3H3H3/H2H3H3H3H3 + if not offered at Higher Level then Ordinary Level grade O3 in Mathematics
Actuarial Science and Risk Management	BSc [S] (sandwich course)	4	A*AA including Mathematics OR AAA + A (AS) including A-level Mathematics	H1H1H1H1H2H2 including Higher Level grade H1 in Mathematics
© Aerospace Engineering	BEng [S]	3	ABB including Mathematics and at least one from Physics (preferred), Biology, Chemistry, Further Mathematics, Technology and Design or Double Award Life & Health Sciences Note: Applicants not offering Physics at A-level should have a minimum of a grade C/4 in GCSE Physics or GCSE Double Award Science grades CC/44	H3H3H3H3H3H3/H2H3H3H3H3 including Higher Level grade H3 in Mathematics and at least one from Physics (preferred), Biology or Chemistry
	MEng [S]	4	AAA including Mathematics and at least one from Physics (preferred), Biology, Chemistry or Further Mathematics Note: Applicants not offering Physics at A-level should have a minimum of a grade B/6 in GCSE Physics or GCSE Double Award Science grades BB/66	H2H2H3H3H3H3 including Higher Level grade H2 in Mathematics and at least one from Physics (preferred), Biology or Chemistry
© Agricultural Technology ¹	BSc [S]	3	BBB including at least two relevant subjects (see list below) + GCSE Mathematics grade C/4 OR ABB including a relevant subject (see list below) + GCSE Mathematics grade C/4 Applicants not offering either Biology or Chemistry at A-level should have GCSE Chemistry grade C/4 or GCSE Double Award Science grades CC/44 Relevant subjects: Agricultural Science, Biology, Chemistry, Computer Science, Digital Technology, Environmental Science/Technology, Geography, Geology, Home Economics, ICT, Life & Health Sciences, Mathematics, Physics, Physical Education, Psychology and Technology & Design. Other subjects considered on an individual basis	H3H3H3H3H4H4/H3H3H3H3H3 including Higher Level grade H3 in two relevant subjects (see list under A-level requirements) + if not offered at Higher Level then Ordinary Level grade O4 in Mathematics OR H3H3H3H3H3H3/H2H3H3H3H3 including Higher Level grade H3 in a relevant subject (see list under A-level requirements) + if not offered at Higher Level then Ordinary Level grade O4 in Mathematics Applicants not offering Agricultural Science, Biology or Chemistry at Higher Level must have Chemistry at Ordinary Level grade O4
Anthropology	BA [S/J]	3	ABB	H3H3H3H3H3H3/H2H3H3H3H3
Applied Mathematics and Physics	BSc [J]	3	AAB including Mathematics grade A and Physics grade B OR A*BB including Mathematics grade A* and Physics grade B	H2H3H3H3H3H3 including Higher Level grade H2 in Mathematics and H3 in Physics

Subject	Degree	Yrs	A-Level Target Grades And Subject Requirements	Irish Leaving Certificate Higher Level Target Grades And Subject Requirements
Applied Mathematics and Physics (Continued)	MSci [J]	4	"AAA including Mathematics and Physics OR A* (Mathematics) AB including Physics"	H2H2H3H3H3H3 including Higher Level grade H2 in Mathematics and Physics
Archaeology	BA [S/J]	3	BBB	H3H3H3H3H4H4/H3H3H3H3H3
	MSci [S]	4	AAB + GCSE Mathematics grade C/4	H2H3H3H3H3H3 + if not offered at Higher Level then Ordinary Level grade O4 in Mathematics
Archaeology-Palaeocology	BSc [S/J]	3	BBB + GCSE Mathematics grade C/4	H3H3H3H3H4H4/H3H3H3H3H3 + if not offered at Higher Level then Ordinary Level grade O4 in Mathematics
Architecture	BSc [S]	3	AAA + GCSE Mathematics grade C/4 Applicants with a grade C/4 in GCSE Art or no Art at GCSE/A-level may be invited for a portfolio interview. Neither Technology and Design nor Craft, Design and Technology are considered an alternative to Art	"H2H2H3H3H3H3 + if not offered at Higher Level then Ordinary Level grade O4 in Mathematics Applicants with a grade C in Junior Certificate Art, or no Art at Junior/Leaving Certificate, may be invited for a portfolio interview
Astrophysics	BSc [available with Physics]	3	ABB including Mathematics and Physics	H3H3H3H3H3H3/H2H3H3H3H3 including Higher Level grade H3 in Mathematics and Physics
	MSci [available with Physics]	4	AAA including Mathematics and Physics OR A*AB including Mathematics and Physics	H2H2H3H3H3H3 including Higher Level grade H2 in Mathematics and Physics
Audio Engineering	BSc [S]	3	ABB including Mathematics and at least one from Physics (preferred), Biology, Chemistry, Electronics, Further Mathematics, Technology and Design or Double Award Life & Health Sciences Note: Applicants not offering Physics at A-level should have a minimum of a grade C/4 in GCSE Physics or GCSE Double Award Science grades CC/44	H3H3H3H3H3H3/H2H3H3H3H3 including Higher Level grade H3 in Mathematics and at least one from Physics (preferred), Biology or Chemistry
© Biochemistry	BSc [S]	3	BBB including Chemistry and Biology + GCSE Mathematics grade C/4 OR ABB including Chemistry and at least one from Mathematics or Physics + GCSE Biology grade C/4 or GCSE Double Award Science grades CC/44 + GCSE Mathematics grade C/4 Where A-level Biology, Mathematics or Physics are not offered, A-levels in three other subjects including Chemistry and AS-level Biology would be considered	H3H3H3H3H4H4/H3H3H3H3H3 including Higher Level grade H3 in Chemistry and Biology + if not offered at Higher Level then Ordinary Level grade O4 in Mathematics OR H3H3H3H3H3H3/H2H3H3H3H3 including Higher Level grade H3 in Chemistry and at least one from Mathematics or Physics + Ordinary Level grade O4 in Biology + if not offered at Higher Level then grade O4 in Mathematics
	MSci [S]	4	AAB including Chemistry and Biology + GCSE Mathematics grade C/4 OR AAA including Chemistry and at least one from Mathematics or Physics + GCSE Biology grade C/4 or GCSE Double Award Science grades CC/44 + GCSE Mathematics grade C/4 Where A-level Biology, Mathematics or Physics are not offered, A-levels in three other subjects including Chemistry and AS-level Biology would be considered"	H2H3H3H3H3H3 including Higher Level grade H2 and H3 in any order in Chemistry and Biology + if not offered at Higher Level then Ordinary Level grade O4 in Mathematics OR H2H2H3H3H3H3 including Higher Level grade H2 and H3 in any order in Chemistry and at least one from Mathematics or Physics + Ordinary Level grade O4 in Biology + if not offered at Higher Level then grade O4 in Mathematics

Subject	Degree	Yrs	A-Level Target Grades And Subject Requirements	Irish Leaving Certificate Higher Level Target Grades And Subject Requirements
© Biological Sciences	BSc [S]	3	BBB including Biology and at least one from Chemistry (preferred), Geography, Mathematics or Physics + GCSE Chemistry grade C/4 or GCSE Double Award Science grades CC/44 + GCSE Mathematics grade C/4 OR BBB including Double Award Applied Science or Double Award Life & Health Sciences + GCSE Biology and Chemistry grades CC/44 or GCSE Double Award Science grades CC/44 + GCSE Mathematics grade C/4 OR ABB including Biology + GCSE Chemistry grade C/4 or GCSE Double Award Science grades CC/44 + GCSE Mathematics grade C/4 It would be an advantage to have studied Chemistry beyond GCSE level	H3H3H3H3H4H4/H3H3H3H3H3 including Higher Level grade H3 in Biology and at least one from Chemistry (preferred), Geography, Mathematics or Physics + if not offered at Higher Level then Ordinary Level grade O4 in Chemistry and Mathematics OR H3H3H3H3H3H3/H2H3H3H3H3 including Higher Level grade H3 in Biology + Ordinary Level grade O4 in Chemistry and Mathematics. It would be an advantage to have studied Higher Level Chemistry"
	MSci [S]	4	AAB including Biology and at least one from Chemistry (preferred), Geography, Mathematics or Physics + GCSE Chemistry grade C/4 or GCSE Double Award Science grades CC/44 + GCSE Mathematics grade C/4 OR AAB including Double Award Applied Science or Double Award Life & Health Sciences + GCSE Biology and Chemistry grades CC/44 + GCSE Double Award Science grades CC/44 + GCSE Mathematics grade C/4 OR AAA including Biology + GCSE Chemistry grade C/4 or GCSE Double Award Science grades CC/44 + GCSE Mathematics grade C/4. It would be an advantage to have studied Chemistry beyond GCSE level	H2H3H3H3H3H3 including Higher Level grade H2 and H3 in any order in Biology and at least one from Chemistry (preferred), Geography, Mathematics or Physics + if not offered at Higher Level then Ordinary Level grade O4 in Chemistry and Mathematics OR H2H2H3H3H3H3 including Higher Level grade H2 in Biology + Ordinary Level grade O4 in Chemistry and Mathematics It would be an advantage to have studied Higher Level Chemistry
Biological Sciences ³	FdSc [S]	2	CC including Biology or Double Award Applied Science or Double Award Life & Health Sciences + GCSE Biology and Chemistry grades CC/44 or GCSE Double Award Science grades CC/44 + GCSE Mathematics grade C/4 Note: It would be an advantage to have studied Chemistry beyond GCSE level	H3H4H4H4H4/H3H3H4H4 including grade H3 in Biology and H4 in Chemistry + if not offered at Higher Level then Ordinary Level grade O4 in Mathematics If not offered at Higher Level then Ordinary Level Chemistry grade O4 would be considered A minimum of five subjects will be required in the Irish Leaving Certificate at least four of which should be at Higher Level
Biomedical Science	BSc [S]	3	AB (in any order in Biology/Human Biology and Chemistry) B + GCSE Mathematics grade C/4 OR A (Biology/Human Biology or Chemistry) AB including a second science subject + GCSE Biology and Chemistry grades CC/44 or GCSE Double Award Science grades CC/44 + GCSE Mathematics grade C/4	H2H3H3H3H3 including Higher Level grade H2 and H3 in any order in Biology and Chemistry + if not offered at Higher Level then Ordinary Level grade O4 in Mathematics
Broadcast Production	BA [S]	3	ABB	H3H3H3H3H3H3/H2H3H3H3H3
Business Economics	BSc(Econ) [S]	3	ABB + GCSE Mathematics grade B/6	H3H3H3H3H3H3/H2H3H3H3H3 + if not offered at Higher Level then Ordinary Level grade O3 in Mathematics

Subject	Degree	Yrs	A-Level Target Grades And Subject Requirements	Irish Leaving Certificate Higher Level Target Grades And Subject Requirements
Business Information Technology	BSc [S] (sandwich Course)	4	ABB + GCSE Mathematics grade C/4	H3H3H3H3H3H3/H2H3H3H3H3 + if not offered at Higher Level then Ordinary Level grade O4 in Mathematics
Business Management with Placement	BSc [S]	4	ABB + GCSE Mathematics grade B/6	H3H3H3H3H3H3/H2H3H3H3H3 + if not offered at Higher Level then Ordinary Level grade O3 in Mathematics
© Chemical Engineering	BEng [S]	3	BBB including Mathematics and at least one from Chemistry (preferred), Biology, Computer Science, Digital Technology, Geography, ICT (not Applied ICT), Physics, Technology and Design or Double Award Life & Health Sciences Note: Applicants not offering Chemistry or Physics at A-level should have a minimum of either GCSE Chemistry and Physics grades CC/44 or GCSE Double Award Science grades CC/44	H3H3H3H3H4H4/H3H3H3H3H3 including Higher Level grade H3 in Mathematics and a Science subject (see list under A-level requirements)
	MEng [S]	4	AAA including Mathematics at least one from Chemistry (preferred), Biology, Computer Science, Digital Technology, Geography, ICT (not Applied ICT), Physics or Technology & Design Note: Applicants not offering Chemistry or Physics at A-level should have a minimum of either GCSE Chemistry and Physics grades BB/66 or GCSE Double Award Science grades BB/66	H2H2H3H3H3H3 including Higher Level grade H2 in Mathematics and a Science subject (see list under A-level list requirements)
Chemistry (see also Medicinal Chemistry)	BSc [S]	3	BBB including Chemistry and a second Science subject + GCSE Mathematics grade C/4	H3H3H3H3H4H4/H3H3H3H3H3 including Higher Level grade H3 in Chemistry and a second Science subject + if not offered at Higher Level then Ordinary Level grade O4 in Mathematics
	BSc [S] (sandwich course)	4	BBB including Chemistry and a second Science subject + GCSE Mathematics grade C/4	H3H3H3H3H4H4/H3H3H3H3H3 including Higher Level grade H3 in Chemistry and a second Science subject + if not offered at Higher Level then Ordinary Level grade O4 in Mathematics
	MSci [S]	4	AAA including Chemistry and a second Science subject + GCSE Mathematics grade C/4	H2H2H3H3H3H3 including Higher Level grade H2 in Chemistry and a second Science subject + if not offered at Higher Level then Ordinary Level grade O4 in Mathematics
	MSci [S] (sandwich course)	5	AAA including Chemistry and a second Science subject + GCSE Mathematics grade C/4	H2H2H3H3H3H3 including Higher Level grade H2 in Chemistry and a second Science subject + if not offered at Higher Level then Ordinary Level grade O4 in Mathematics
Chemistry with Study Abroad	MSci [S]	4	AAA including Chemistry and a second Science subject + GCSE Mathematics grade C/4	H2H2H3H3H3H3 including Higher Level grade H2 in Chemistry and a second Science subject + if not offered at Higher Level then Ordinary Level grade O4 in Mathematics

Subject	Degree	Yrs	A-Level Target Grades And Subject Requirements	Irish Leaving Certificate Higher Level Target Grades And Subject Requirements
© Civil Engineering	BEng [S]	3	ABB including Mathematics and at least one from Biology, Chemistry, Computing, Digital Technology, Geography, ICT (not Applied ICT), Physics, Software Systems Development, Technology and Design or Double Award Life & Health Sciences Note: Applicants not offering Physics at A-level should have a minimum of a grade C/4 in GCSE Physics or GCSE Double Award Science grades CC/44	H3H3H3H3H3H3/H2H3H3H3H3 including Higher Level grade H3 in Mathematics and a Science subject (see list under A-level requirements)
	MEng [S]	4	AAA including Mathematics and at least one from Biology, Chemistry, Computing, Digital Technology, Geography, ICT (not Applied ICT), Physics, Software Systems Development or Technology and Design Note: Applicants not offering Physics at A-level should have a minimum of a grade B/6 in GCSE Physics or GCSE Double Award Science grades BB/66	H2H2H3H3H3H3 including Higher Level grade H2 in Mathematics and a Science subject (see list under A-level list requirements)
Computer Science	BSc [J with Mathematics]	3	A (Mathematics) AB OR A* (Mathematics) BB	H2H3H3H3H3H3 including Higher Level grade H2 in Mathematics
	BSc [S] (sandwich course)	4	BBB including Computing, Mathematics or Software Systems Development + GCSE Mathematics grade C/4 OR ABB including Chemistry, Digital Technology, GCE A-level ICT (not Single Award Applied ICT), Physics, Technology and Design or Double Award Applied ICT + GCSE Mathematics grade C/4	H3H3H3H3H4H4/H3H3H3H3H3 including Higher Level grade H3 in Mathematics OR H3H3H3H3H3H3/H2H3H3H3H3 including Higher Level grade H3 in Chemistry or Physics + Ordinary Level grade O4 in Mathematics
	MEng [S]	4	AAB including Computing, Mathematics or Software Systems Development + GCSE Mathematics grade C/4 OR AAA including Chemistry, Digital Technology, GCE A-level ICT (not Single Award Applied ICT), Physics, Technology and Design or Double Award Applied ICT + GCSE Mathematics grade C/4	H2H3H3H3H3H3 including Higher Level grade H3 in Mathematics OR H2H2H3H3H3H3 including Higher Level grade H3 in Chemistry or Physics + Ordinary Level grade O4 in Mathematics
	MEng [S] (sandwich course)	5	AAB including Computing, Mathematics or Software Systems Development + GCSE Mathematics grade C/4 OR AAA including Chemistry, Digital Technology, GCE A-level ICT (not Single Award Applied ICT), Physics, Technology and Design or Double Award Applied ICT + GCSE Mathematics grade C/4	H2H3H3H3H3H3 including Higher Level grade H3 in Mathematics OR H2H2H3H3H3H3 including Higher Level grade H3 in Chemistry or Physics + Ordinary Level grade O4 in Mathematics
	MSci [J with Mathematics]	4	AAA including Mathematics OR A* (Mathematics) AB	H2H2H3H3H3H3 including Higher Level grade H2 in Mathematics

Subject	Degree	Yrs	A-Level Target Grades And Subject Requirements	Irish Leaving Certificate Higher Level Target Grades And Subject Requirements
Computing and Information Technology	BSc [S] (sandwich course)	4	BBB including Mathematics, Computing or Software Systems Development + GCSE Mathematics grade C/4 OR ABB including Biology, Chemistry, Digital Technology, ICT (including Single Award Applied ICT), Physics, Technology and Design or Double Award Applied ICT + GCSE Mathematics grade C/4 OR AAB + GCSE Mathematics grade C/4	H3H3H3H3H4H4/H3H3H3H3H3 including Higher Level grade H3 in Mathematics OR H3H3H3H3H3H3/H2H3H3H3H3 including any computing or scientific subject + Ordinary Level grade O4 in Mathematics OR H2H3H3H3H3H3 + Ordinary Level grade O4 in Mathematics
Criminology	BA [S/J]	3	ABB	H3H3H3H3H3H3/H2H3H3H3H3
Dentistry	BDS [S]	5	AAA including Biology/Human Biology and Chemistry. GCSE Mathematics minimum grade C/4 is required if not offered at AS-level or A-level Note: A maximum of one Applied A-level will be counted	H1H1H1H1H2H2 including Higher Level grade H1 in Biology and Chemistry + if not offered at Higher Level then Ordinary Level grade O3 in Mathematics
Drama	BA [S/J]	3	BBB	H3H3H3H3H4H4/H3H3H3H3H3
Economics	BSc (Econ) [S]	3	ABB + GCSE Mathematics grade A/7	H3H3H3H3H3H3/H2H3H3H3H3 + if not offered at Higher Level then Ordinary Level grade O2 in Mathematics
	BSc(Econ) [J with Accounting]	3	ABB + GCSE Mathematics grade B/6	H3H3H3H3H3H3/H2H3H3H3H3 + if not offered at Higher Level then Ordinary Level grade O3 in Mathematics
	BSc(Econ) [M with Finance]	3	ABB + GCSE Mathematics grade A/7	H3H3H3H3H3H3/H2H3H3H3H3 + if not offered at Higher Level then Ordinary Level grade O2 in Mathematics
	BSc (Econ) [M with a language]	4	ABB + GCSE Mathematics grade B/6 • For French option – normally A-level French grade B or AS-level French grade B or GCSE French grade B/6 or evidence of linguistic ability in another language • For Spanish option – normally A-level Spanish grade B or AS-level Spanish grade B or GCSE Spanish grade B/6 or evidence of linguistic ability in another language Note: If the language is studied at a higher level then the grade required at that level must be achieved	H3H3H3H3H3H3/H2H3H3H3H3 + if not offered at Higher Level then Ordinary Level grade O3 in Mathematics • For French option – normally H3 in French or evidence of linguistic ability in another language. If not offered at Higher Level then Ordinary Level grade O3 in French acceptable • For Spanish option – normally H3 in Spanish or evidence of linguistic ability in another language. If not offered at Higher Level then Ordinary Level grade O3 in Spanish acceptable Note: If the language is studied at Higher Level then grade H3 is required at that level
Education	BEEd	4	Education is taught at St Mary's University College and Stranmillis University College. Each of the University Colleges produces its own prospectus to which you should refer.	
© Electrical and Electronic Engineering	BEng [S]	3	ABB including Mathematics and at least one from Physics (preferred), Biology, Chemistry, Electronics, Further Mathematics, Technology and Design or Double Award Life & Health Sciences Note: Applicants not offering Physics at A-level should have a minimum of a grade C/4 in GCSE Physics or GCSE Double Award Science grades CC/44	H3H3H3H3H3H3/H2H3H3H3H3 including Higher Level grade H3 in Mathematics and at least one from Physics (preferred), Biology or Chemistry

Subject	Degree	Yrs	A-Level Target Grades And Subject Requirements	Irish Leaving Certificate Higher Level Target Grades And Subject Requirements
© Electrical and Electronic Engineering (Continued)	MEng [S]	4	AAA including Mathematics and at least one from Physics (preferred), Biology, Chemistry, Electronics, Further Mathematics or Technology and Design Note: Applicants not offering Physics at A-level should have a minimum of a grade B/6 in GCSE Physics or GCSE Double Award Science grades BB/66	H2H2H3H3H3H3 including Higher Level grade H2 in Mathematics and at least one from Physics (preferred), Biology or Chemistry
Energy, Environment and Sustainability ⁴	FdSc [S]	2	CC + GCSE Mathematics grade C/4 OR CD including Biology, Chemistry, Geography, Mathematics or Physics + GCSE Mathematics grade C/4	H3H3H4H4 + Ordinary Level grade O4 in Mathematics OR H3H4H4H4 including at least one from Biology, Chemistry, Geography, Mathematics or Physics + if not offered at Higher Level then Ordinary Level grade O4 in Mathematics A minimum of five subjects will be required in the Irish Leaving Certificate at least four of which should be at Higher Level
English	BA [S/J]	3	ABB including English for Single Honours and Joint Honours with Anthropology, French, History, Irish, Linguistics, Philosophy, Politics and Spanish BBB including English for all other options Note: for applicants who have not studied A-level English then AS-level English (grade A) would be acceptable in lieu of A-level English	H3H3H3H3H3H3/H2H3H3H3H3 including Higher Level grade H3 in English for Single Honours and Joint Honours with Anthropology, French, History, Irish, Linguistics, Philosophy, Politics and Spanish H3H3H3H3H4H4/H3H3H3H3H3 including Higher Level grade H3 in English for all other options
English with Creative Writing	BA [S]	3	ABB including A-level English Note: for applicants who have not studied A-level English then AS-level English (grade A) would be acceptable in lieu of A-level English	H3H3H3H3H3H3/H2H3H3H3H3 including Higher Level grade H3 in English
© Environmental and Civil Engineering	MEng [S]	4	AAA including Mathematics and at least one from Biology, Chemistry, Computing, Digital Technology, Geography, ICT (not Applied ICT), Physics, Software Systems Development or Technology and Design Note: Applicants not offering Physics at A-level should have a minimum of a grade B/6 in GCSE Physics or GCSE Double Award Science grades BB/66	H2H2H3H3H3H3 including Higher Level grade H2 in Mathematics and a Science subject (see list under A-level list requirements)
© Environmental Management	BSc [S]	3	BBB including at least two from Biology, Economics and Geography + GCSE Mathematics grade C/4 OR ABB + GCSE Mathematics grade C/4. Note: certain modules will require GCSE Mathematics grade B/6	H3H3H3H3H4H4/H3H3H3H3H3 including Higher Level grade H3 in at least two from Biology, Economics and Geography + if not offered at Higher Level then Ordinary Level grade O4 in Mathematics OR H3H3H3H3H3H3/H2H3H3H3H3 + if not offered at Higher Level then Ordinary Level grade O4 in Mathematics Note: Certain modules will require Ordinary Level grade O3 in Mathematics
European Planning	MPlan [S]	4	AAB + GCSE Mathematics grade C/4	H2H3H3H3H3H3 + if not offered at Higher Level then Ordinary Level grade O4 in Mathematics
Film and Theatre Making	BA [S]	3	ABB	H3H3H3H3H3H3/H2H3H3H3H3
Film Studies and Production	BA [S]	3	BBB	H3H3H3H3H4H4/H3H3H3H3H3

Subject	Degree	Yrs	A-Level Target Grades And Subject Requirements	Irish Leaving Certificate Higher Level Target Grades And Subject Requirements
Finance	BSc (Finance) [S] (sandwich course)	4	ABB including Mathematics	H3H3H3H3H3H3/H2H3H3H3H3 including Higher Level grade H3 in Mathematics
© Food Quality, Safety and Nutrition	BSc [S]	3	BBB including Biology and Chemistry + GCSE Mathematics grade C/4 OR BBB including Biology and either Home Economics or Nutrition & Food Science + GCSE Chemistry grade C/4 or GCSE Double Award Science grades CC/44 + GCSE Mathematics grade C/4 OR BBB including Chemistry and either Home Economics or Nutrition & Food Science + GCSE Biology grade C/4 or GCSE Double Award Science grades CC/44 + GCSE Mathematics grade C/4 OR ABB including Biology or Chemistry or Double Award Applied Science or Double Award Life & Health Sciences + GCSE Biology and Chemistry grades CC/44 or GCSE Double Award Science grades CC/44 + GCSE Mathematics grade C/4.	H3H3H3H3H4H4/H3H3H3H3H3 including Higher Level grade H3 in Biology and Chemistry + if not offered at Higher Level then Ordinary Level grade O4 in Mathematics OR H3H3H3H3H3H3/H2H3H3H3H3 including Higher Level grade H3 in Biology + Ordinary Level Chemistry grade O4 + if not offered at Higher Level then Ordinary Level grade O4 in Mathematics OR H3H3H3H3H3H3/H2H3H3H3H3 including Higher Level grade H3 in Chemistry + Ordinary Level Biology grade O4 + if not offered at Higher Level then Ordinary Level grade O4 in Mathematics
	MSci [S]	4	AAB including Biology and Chemistry + GCSE Mathematics grade C/4 OR AAB including Biology and either Home Economics or Nutrition & Food Science + GCSE Chemistry grade C/4 or GCSE Double Award Science grades CC/44 + GCSE Mathematics grade C/4 OR AAB including Chemistry and either Home Economics or Nutrition & Food Science + GCSE Biology grade C/4 or GCSE Double Award Science grades CC/44 + GCSE Mathematics grade C/4 OR AAA including Biology or Chemistry or Double Award Applied Science or Double Award Life & Health Sciences + GCSE Biology and Chemistry grades CC/44 or GCSE Double Award Science grades CC/44 + GCSE Mathematics grade C/4	H2H3H3H3H3H3 including Higher Level grade H3 in Biology and Chemistry + if not offered at Higher Level then Ordinary Level grade O4 in Mathematics OR H2H2H3H3H3H3 including Higher Level grade H3 in Biology + Ordinary Level Chemistry grade O4 + if not offered at Higher Level then Ordinary Level grade O4 in Mathematics OR H2H2H3H3H3H3 including Higher Level grade H3 in Chemistry + Ordinary Level Biology grade O4 + if not offered at Higher Level then Ordinary Level grade O4 in Mathematics
© Food Science and Food Security	MSci [S]	4	AAB including Biology and Chemistry + GCSE Mathematics grade C/4 OR AAB including Biology and either Home Economics or Nutrition & Food Science + GCSE Chemistry grade C/4 or GCSE Double Award Science grades CC/44 + GCSE Mathematics grade C/4 OR AAB including Chemistry and either Home Economics or Nutrition & Food Science + GCSE Biology grade C/4 or GCSE Double Award Science grades CC/44 + GCSE Mathematics grade C/4 OR AAA including Biology or Chemistry or Double Award Applied Science or Double Award Life & Health Sciences + GCSE Biology and Chemistry grades CC/44 or GCSE Double Award Science grades CC/44 + GCSE Mathematics grade C/4	H2H3H3H3H3H3 including Higher Level grade H3 in Biology and Chemistry + if not offered at Higher Level then Ordinary Level grade O4 in Mathematics OR H2H2H3H3H3H3 including Higher Level grade H3 in Biology + Ordinary Level Chemistry grade O4 + if not offered at Higher Level then Ordinary Level grade O4 in Mathematics OR H2H2H3H3H3H3 including Higher Level grade H3 in Chemistry + Ordinary Level Biology grade O4 + if not offered at Higher Level then Ordinary Level grade O4 in Mathematics

Subject	Degree	Yrs	A-Level Target Grades And Subject Requirements	Irish Leaving Certificate Higher Level Target Grades And Subject Requirements
French	BA [S/J]	4	ABB including A-level French Note: for applicants who have not studied A-level French then AS-level French grade B would be acceptable in lieu of A-level French	H3H3H3H3H3H3H3/H2H3H3H3H3 including Higher Level grade H3 in French
French (Beginners)	BA [S/J]	4	ABB + GCSE French grade B/6 or evidence of linguistic ability in another language Note: the Beginners' option is not available to those who have studied A-level or AS-level French	H3H3H3H3H3H3H3/H2H3H3H3H3 + Ordinary Level grade O3 in French or evidence of linguistic ability in another language Note: the Beginners option is not available to those who have studied Higher Level French
Geography	BSc [S/J]	3	ABB normally including A-level Geography + GCSE Mathematics grade C/4	H3H3H3H3H3H3H3/H2H3H3H3H3 normally including Higher Level grade H3 in Geography + if not offered at Higher Level then Ordinary Level grade O4 in Mathematics
Geography with a Language	BSc [S]	4	ABB normally including A-level Geography + GCSE Mathematics grade C/4 • For French option: A-level French grade B • For Spanish option: A-level Spanish grade B	H3H3H3H3H3H3H3/H2H3H3H3H3 normally including Higher Level grade H3 in Geography + if not offered at Higher Level then Ordinary Level grade O4 in Mathematics • For French option: Higher Level grade H3 in French • For Spanish option: Higher Level grade H3 in Spanish
History	BA [S/J]	3	ABB for Single and Joint Honours with Anthropology, English, French, International Studies, Irish, Philosophy, Politics and Spanish BBB for all other options	H3H3H3H3H3H3H3/H2H3H3H3H3 for Single Honours and Joint Honours with Anthropology, English, French, International Studies, Irish, Philosophy, Politics and Spanish H3H3H3H3H3H4H4/H3H3H3H3H3 for other options
Human Biology	BSc [S]	3	AB (in any order in Biology/Human Biology and Chemistry) B + GCSE Mathematics grade C/4 OR A (Biology/Human Biology or Chemistry) AB including a second science subject + GCSE Biology and Chemistry grades CC/44 or GCSE Double Award Science grades CC/44 + GCSE Mathematics grade C/4	H2H3H3H3H3 including Higher Level grade H2 and H3 in any order in Biology and Chemistry + if not offered at Higher Level then Ordinary Level grade O4 in Mathematics

Subject	Degree	Yrs	A-Level Target Grades And Subject Requirements	Irish Leaving Certificate Higher Level Target Grades And Subject Requirements
International Business with a Language	BSc (International Business) [S] with a Language (sandwich course)	4	ABB + GCSE Mathematics grade B/6 • For French option – normally A-level French grade B or AS-level French grade B or GCSE French grade B/6 or evidence of linguistic ability in another language • For German option – normally A-level German grade B or AS-level German grade B or GCSE German grade B/6 or evidence of linguistic ability in another language • For Mandarin option: evidence of linguistic ability. • For Portuguese option – normally A-level Portuguese grade B or AS-level Portuguese grade B or GCSE Portuguese grade B/6 or evidence of linguistic ability in another language. • For Spanish option – normally A-level Spanish grade B or AS-level Spanish grade B or GCSE Spanish grade B/6 or evidence of linguistic ability in another language Note: If the language is studied at a higher level then the grade required at that level must be achieved	H3H3H3H3H3H3H3/H2H3H3H3H3 + if not offered at Higher Level O3 in Mathematics • For French option: normally Higher Level grade H3 in French or evidence of linguistic ability • For German option: normally Higher Level grade H3 in German or evidence of linguistic ability • For Mandarin option: evidence of linguistic ability • For Portuguese option: normally Higher Level grade H3 in Portuguese or evidence of linguistic ability • For Spanish option: normally Higher Level grade H3 in Spanish or evidence of linguistic ability Note: If the language is studied at Higher Level then grade H3 is required at that level
International Politics and Conflict Studies	BA [S]	3	ABB	H3H3H3H3H3H3H3/H2H3H3H3H3
International Studies	BA [J]	3	ABB	H3H3H3H3H3H3H3/H2H3H3H3H3
Irish	BA [S/J]	3	ABB including A-level Irish	H3H3H3H3H3H3H3/H2H3H3H3H3 including Higher Level grade H3 in Irish
Law	LLB [S]	3	AAA	H2H2H3H3H3H3
Law: Common and Civil Law with French	LLB [S]	4	AAA including A-level French grade A	H2H2H3H3H3H3 including Higher Level grade H2 in French
Law: Common and Civil Law with Hispanic Studies	LLB [S]	4	AAA including A-level Spanish grade A	H2H2H3H3H3H3 including Higher Level grade H2 in Spanish
Law with Politics	LLB [S]	3	AAA	H2H2H3H3H3H3
Liberal Arts	MLibArts [S]	4	AAA	H2H2H3H3H3H3
Linguistics	BA [J]	3	ABB including A-level English Note: for applicants who have not studied A-level English then AS-level English (grade A) would be acceptable in lieu of A-level English	H3H3H3H3H3H3H3/H2H3H3H3H3 including Higher Level grade H3 in English

Subject	Degree	Yrs	A-Level Target Grades And Subject Requirements	Irish Leaving Certificate Higher Level Target Grades And Subject Requirements
© Marine Biology	BSc [S]	3	BBB including Biology and at least one from Chemistry (preferred), Geography, Mathematics or Physics + GCSE Chemistry grade C/4 or GCSE Double Award Science grades CC/44 + GCSE Mathematics grade C/4 OR BBB including Double Award Applied Science or Double Award Life & Health Sciences + GCSE Biology and Chemistry grades CC/44 or GCSE Double Award Science grades CC/44 + GCSE Mathematics grade C/4 OR ABB including Biology + GCSE Chemistry grades CC/44 or GCSE Double Award Science grades CC/44 + GCSE Mathematics grade C/4. It would be an advantage to have studied Chemistry beyond GCSE level	H3H3H3H3H4H4/H3H3H3H3H3 including Higher Level grade H3 in Biology and at least one from Chemistry (preferred), Geography, Mathematics or Physics + if not offered at Higher Level then Ordinary Level grade O4 in Chemistry and Mathematics OR H3H3H3H3H3H3/H2H3H3H3H3 including Higher Level grade H3 in Biology + Ordinary Level grade O4 in Chemistry and Mathematics. It would be an advantage to have studied Higher Level Chemistry
	MSci [S]	4	AAB including Biology and at least one from Chemistry (preferred), Geography, Mathematics or Physics + GCSE Chemistry grade C/4 or GCSE Double Award Science grades CC/44 + GCSE Mathematics grade C/4 OR AAB including Double Award Applied Science or Double Award Life & Health Sciences + GCSE Biology and Chemistry grade C/4 or GCSE Double Award Science grades CC/44 + GCSE Mathematics grade C/4 OR AAA including Biology + GCSE Chemistry grade C/4 or GCSE Double Award Science grades CC/44 + GCSE Mathematics grade C/4. It would be an advantage to have studied Chemistry beyond GCSE level	H2H3H3H3H3H3 including Higher Level grade H2 and H3 in any order in Biology and at least one from Chemistry (preferred), Geography, Mathematics or Physics + if not offered at Higher Level then Ordinary Level grade O4 in Chemistry and Mathematics OR H2H2H3H3H3H3 including Higher Level grade H2 in Biology + Ordinary Level grade O4 in Chemistry and Mathematics It would be an advantage to have studied Higher Level Chemistry
Mathematics (Pure and/or Applied)	BSc [S/J]	3	A (Mathematics) AB OR A* (Mathematics) BB	H2H3H3H3H3H3 including Higher Level grade H2 in Mathematics
	MSci [S/J]	4	AAA including Mathematics OR A* (Mathematics) AB	H2H2H3H3H3H3 including Higher Level grade H2 in Mathematics
Mathematics and Statistics and Operational Research	BSc [J]	3	A (Mathematics) AB OR A* (Mathematics) BB	H2H3H3H3H3H3 including Higher Level grade H2 in Mathematics
	MSci [J]	4	AAA including Mathematics OR A* (Mathematics) AB	H2H2H3H3H3H3 including Higher Level grade H2 in Mathematics
Mathematics with French	BSc [S]	4	A (Mathematics) AB including French OR A* (Mathematics) BB including French	H2H3H3H3H3H3 including Higher Level grade H2 in Mathematics and H3 in French
Mathematics with Spanish	BSc [S]	4	A (Mathematics) AB including Spanish OR A* (Mathematics) BB including Spanish	H2H3H3H3H3H3 including Higher Level grade H2 in Mathematics and H3 in Spanish

Subject	Degree	Yrs	A-Level Target Grades And Subject Requirements	Irish Leaving Certificate Higher Level Target Grades And Subject Requirements
Mathematics with Finance	BSc [S]	3	AAA including Mathematics grade A OR A* (Mathematics) AB	H2H2H3H3H3H3 including Higher Level grade H2 in Mathematics
© Mechanical Engineering	BEng [S]	3	ABB including Mathematics and at least one from Physics (preferred), Biology, Chemistry, Further Mathematics, Technology and Design or Double Award Life & Health Sciences Note: Applicants not offering Physics at A-level should have a minimum of a grade C/4 in GCSE Physics or GCSE Double Award Science grades CC/44	H3H3H3H3H3H3/H2H3H3H3H3 including Higher Level grade H3 in Mathematics and at least one from Physics (preferred), Biology or Chemistry
	MEng [S]	4	AAA including Mathematics and at least one from Physics (preferred), Biology, Chemistry or Further Mathematics Note: Applicants not offering Physics at A-level should have a minimum of a grade B/6 in GCSE Physics or GCSE Double Award Science grades BB/66	H2H2H3H3H3H3 including Higher Level grade H2 in Mathematics and at least one from Physics (preferred), Biology or Chemistry
Mechanical Engineering ³	FdEng [S]	2	CC including Mathematics and at least one from Physics (preferred), Biology, Chemistry, Further Mathematics or Technology and Design Note: Applicants not offering Physics at A-level should have a minimum of a grade C/4 in GCSE Physics or GCSE Double Award Science grades CC/44	H3H3H4H4 including Mathematics and at least one of Physics (preferred), Biology or Chemistry Note: a minimum of five subjects will be required in the Irish Leaving Certificate, at least four of which should be at Higher Level
Medicinal Chemistry (see also Chemistry)	BSc [S]	3	BBB including Chemistry and a second Science subject + GCSE Mathematics grade C/4	H3H3H3H3H4H4/H3H3H3H3H3 including Higher Level grade H3 in Chemistry and a second Science subject + if not offered at Higher Level then Ordinary Level grade O4 in Mathematics
	BSc [S] (sandwich course)	4	BBB including Chemistry and a second Science subject + GCSE Mathematics grade C/4	H3H3H3H3H4H4/H3H3H3H3H3 including Higher Level grade H3 in Chemistry and a second Science subject + if not offered at Higher Level then Ordinary Level grade O4 in Mathematics
	MSci [S]	4	AAA including Chemistry and a second Science subject + GCSE Mathematics grade C/4	H2H2H3H3H3H3 including Higher Level grade H2 in Chemistry and a second Science subject + if not offered at Higher Level then Ordinary Level grade O4 in Mathematics
	MSci [S] (sandwich course)	5	AAA including Chemistry and a second Science subject + GCSE Mathematics grade C/4	H2H2H3H3H3H3 including Higher Level grade H2 in Chemistry and a second Science subject + if not offered at Higher Level then Ordinary Level grade O4 in Mathematics
Medicine	MB, BCh, BAO [S]	5	AAA at A-level + A in a fourth AS-level subject including A-level Chemistry plus at least one other A-level from Biology/Human Biology, Mathematics or Physics. If not offered at A-level then Biology/Human Biology grade A as a 4th AS-level or grade B as a 5th AS-level. Grade A in the EPQ or Welsh Baccalaureate Advanced Skills Challenge Certificate or a grade B in a 4th A-level will be acceptable in lieu of the 4th AS-level. OR A*AA at A-level including Chemistry and Biology/Human Biology. OR A*AA at A-level including Chemistry and either Mathematics or Physics + AS-level Biology grade B. All applicants GCSE Mathematics minimum grade C/4 and either GCSE Physics minimum grade C/4 or GCSE Double Award Science minimum grades CC/44 are required if not offered at AS-level or A-level A maximum of either one Applied A-level or Applied AS-level will be counted	H1H1H1H2H2 including Higher Level grade H1 in Biology and Chemistry + if not offered at Higher Level then Ordinary Level grade O3 in Mathematics. Students not offering Physics as part of their Leaving Certificate must have an A grade in Junior Certificate Science

Subject	Degree	Yrs	A-Level Target Grades And Subject Requirements	Irish Leaving Certificate Higher Level Target Grades And Subject Requirements
© Microbiology	BSc [S]	3	BBB including Biology and at least one from Chemistry (preferred), Geography, Mathematics or Physics + GCSE Chemistry grade B/6 or GCSE Double Award Science grades BB/66 + GCSE Mathematics grade C/4 OR BBB including Double Award Applied Science or Double Award Life & Health Sciences + GCSE Biology grade C/4 and Chemistry grade B/6 or GCSE Double Award Science grades BB/66 + GCSE Mathematics grade C/4 OR ABB including Biology + GCSE Chemistry grade B/6 or GCSE Double Award Science grades BB/66 + GCSE Mathematics grade C/4	H3H3H3H3H4H4/H3H3H3H3H3 including Higher Level grade H3 in Biology and at least one from Chemistry (preferred), Geography, Mathematics or Physics + if not offered at Higher Level then Ordinary Level grade O3 in Chemistry and O4 in Mathematics OR H3H3H3H3H3H3/H2H3H3H3H3 including Higher Level grade H3 in Biology + Ordinary Level grade O3 in Chemistry and O4 in Mathematics
	MSci [S]	4	AAB including Biology and at least one from Chemistry (preferred), Geography, Mathematics or Physics + GCSE Chemistry grade B/6 or GCSE Double Award Science grades BB/66 + GCSE Mathematics grade C/4 OR AAB including Double Award Applied Science or Double Award Life & Health Sciences + GCSE Biology grade C/4 and Chemistry grade B/6 or GCSE Double Award Science grades BB/66 + GCSE Mathematics grade C/4 OR AAA including Biology + GCSE Chemistry grade B/6 or GCSE Double Award Science grades BB/66 + GCSE Mathematics grade C/4	H2H3H3H3H3H3 including Higher Level grade H2 and H3 in any order in Biology and at least one from Chemistry (preferred), Geography, Mathematics or Physics + if not offered at Higher Level then Ordinary Level grade O3 in Chemistry and O4 in Mathematics OR H2H2H3H3H3H3 including Higher Level grade H2 in Biology + Ordinary Level grade O3 in Chemistry and O4 in Mathematics
Midwifery Sciences	BSc [S]	3	BCC including a relevant Science (Biology/ Human Biology, Chemistry, Life & Health Sciences, Mathematics or Physics) OR BBC where a relevant Science subject is not offered All applicants (except Access/Foundation applicants) must normally have a minimum of 5 GCSEs at grade B/6 to include Mathematics and a Science subject (ie Biology/Human Biology, Chemistry, Physics, Double Award Science or Single Award Science)	H3H3H3H4H4 where a relevant Science subject is offered (Biology, Chemistry, or Physics) OR H3H3H3H3H4 where a relevant Science subject is not offered All applicants - if not offered at Higher Level then Ordinary Level grade O3 in Mathematics and a Science subject is necessary
Music ²	BMus [S]	3	BBB including A-level Music. Where A-level Music is not offered then A-level grades BBB plus Grade VIII Theory of Music (ABRSM, Trinity-Guildhall or LCM (not Popular Music Theory)) would be acceptable. AS-level Music is not acceptable in lieu of A-level Music	H3H3H3H3H4H4/H3H3H3H3H3 including Higher Level grade H3 in Music Where Higher Level Music is not offered then grades H3H3H3H3H4H4/H3H3H3H3H3 plus grade VIII Theory of Music (ABRSM, Trinity-Guildhall or LCM (not Popular Music Theory)) would be acceptable.
Music and Audio Production ²	BA [S]	3	ABB	H3H3H3H3H3H3/H2H3H3H3H3
Music and Sound Design ²	BA [S]	3	ABB	H3H3H3H3H3H3/H2H3H3H3H3
Music Performance ²	BA [S]	3	ABB + successful audition	H3H3H3H3H3H3/H2H3H3H3H3 + successful audition

Subject	Degree	Yrs	A-Level Target Grades And Subject Requirements	Irish Leaving Certificate Higher Level Target Grades And Subject Requirements
© Pharmaceutical Biotechnology	BSc [S]	3	BBB including Biology and Chemistry + GCSE Mathematics grade C/4 OR BBB including Biology and at least one from Mathematics or Physics + GCSE Chemistry grade C/4 or GCSE Double Award Science grades CC/44 + GCSE Mathematics grade C/4 OR BBB including Chemistry and at least one from Mathematics or Physics + GCSE Biology grade C/4 or GCSE Double Award Science grades CC/44 + GCSE Mathematics grade C/4	H3H3H3H3H4H4/H3H3H3H3H3 including Higher Level grade H3 in Biology and Chemistry + if not offered at Higher Level then Ordinary Level grade O4 in Mathematics.
© Pharmaceutical Sciences	BSc [S]	3	BBB including Biology and Chemistry + GCSE Mathematics grade C/4 OR BBB including Biology and at least one from Mathematics or Physics + GCSE Chemistry grade C/4 or GCSE Double Award Science grades CC/44 + GCSE Mathematics grade C/4 OR BBB including Chemistry and at least one from Mathematics or Physics + GCSE Biology grade C/4 or GCSE Double Award Science grades CC/44 + GCSE Mathematics grade C/4	H3H3H3H3H4H4/H3H3H3H3H3 including Higher Level grade H3 in Biology and Chemistry + if not offered at Higher Level then Ordinary Level grade O4 in Mathematics.
Pharmacy	MPharm [S]	4	AAB including A-level Chemistry and at least one other A-level from Biology, Mathematics or Physics + GCSE Biology grade C/4 or GCSE Double Award Science grades CC/44 + GCSE Mathematics grade C/4 Note: Biology to at least AS preferred.	H2H2H3H3H3H3 including Higher Level grade H2 in Chemistry and Biology + if not offered at Higher Level then Ordinary Level grade O4 in Mathematics
Philosophy	BA [S/J]	3	ABB	H3H3H3H3H3H3/H2H3H3H3H3
Physics	BSc [S/J]	3	ABB including Mathematics and Physics	H3H3H3H3H3H3/H2H3H3H3H3 including Higher Level grade H3 in Mathematics and Physics
	MSci [S/J]	4	AAA including Mathematics and Physics OR A*AB including Mathematics and Physics	H2H2H3H3H3H3 including Higher Level grade H2 in Mathematics and Physics
Physics with French	BSc [S]	4	ABB including Mathematics, Physics and French	H3H3H3H3H3H3/H2H3H3H3H3 including Higher Level grade H3 in Mathematics, Physics and French
	MSci [S]	5	AAA including Mathematics, Physics and French	H2H2H3H3H3H3 including Higher Level grade H2 in Mathematics and Physics and H3 in French
Physics with Spanish	BSc [S]	4	ABB including Mathematics, Physics and Spanish	H3H3H3H3H3H3/H2H3H3H3H3 including Higher Level grade H3 in Mathematics, Physics and Spanish
	MSci [S]	5	AAA including Mathematics, Physics and Spanish	H2H2H3H3H3H3 including Higher Level grade H2 in Mathematics and Physics and H3 in Spanish
Physics with Medical Applications	BSc [S]	3	ABB including Mathematics and Physics	H3H3H3H3H3H3/H2H3H3H3H3 including Higher Level grade H3 in Mathematics and Physics
	MSci [S]	4	AAA including Mathematics and Physics OR A*AB including Mathematics and Physics	H2H2H3H3H3H3 including Higher Level grade H2 in Mathematics and Physics

Subject	Degree	Yrs	A-Level Target Grades And Subject Requirements	Irish Leaving Certificate Higher Level Target Grades And Subject Requirements
Planning, Environment and Development	BSc [S]	3	ABB + GCSE Mathematics grade C/4	H3H3H3H3H3H3/H2H3H3H3H3 + if not offered at Higher Level then Ordinary Level grade O4 in Mathematics
Politics	BA [S/J]	3	ABB	H3H3H3H3H3H3/H2H3H3H3H3
Politics, Philosophy and Economics	BA [S]	3	AAA + GCSE Mathematics grade B/6	H2H2H3H3H3H3 + if not offered at Higher Level then Ordinary Level grade O3 in Mathematics
© Product Design Engineering	BEng [S]	3	ABB including Mathematics and at least one from Physics (preferred), Biology, Chemistry, Further Mathematics, Technology and Design or Double Award Life & Health Sciences Note: Applicants not offering Physics at A-level should have a minimum of a grade C/4 in GCSE Physics or GCSE Double Award Science grades CC/44	H3H3H3H3H3H3/H2H3H3H3H3 including Higher Level grade H3 in Mathematics and at least one from Physics (preferred), Biology or Chemistry
	MEng [S]	4	AAA including Mathematics and at least one from Physics (preferred), Biology, Chemistry, Further Mathematics or Technology and Design Note: Applicants not offering Physics at A-level should have a minimum of a grade B/6 in GCSE Physics or GCSE Double Award Science grades BB/66	H2H2H3H3H3H3 including Higher Level grade H2 in Mathematics and at least one from Physics (preferred), Biology or Chemistry
Professional Nursing	BSc [S]	3	BCC including a relevant Science (Biology/ Human Biology, Chemistry, Life & Health Sciences, Mathematics or Physics) OR BBC where a relevant Science subject is not offered Note: All applicants (except Access/Foundation applicants) must normally have a minimum of 5 GCSEs at grade C/4 to include Mathematics and a Science subject (ie Biology/ Human Biology, Chemistry, Physics, Double Award Science or Single Award Science)	H3H3H3H4H4 where a relevant Science subject is offered (Biology, Chemistry, or Physics) OR H3H3H3H3H4 where a relevant Science subject is not offered. All applicants – if not offered at Higher Level then Ordinary Level grade O4 in Mathematics and a Science subject is necessary
Psychology	BSc [S]	3	AAB/ABB + GCSE Mathematics grade C/4	H2H3H3H3H3H3/H3H3H3H3H3H3 + if not offered at Higher Level then Ordinary Level grade O4 in Mathematics is required
Social Policy	BA [J]	3	ABB for Joint Honours with Criminology OR BBB for Joint Honours with Sociology	H3H3H3H3H3H3/H2H3H3H3H3 for Joint Honours with Criminology OR H3H3H3H3H4H4/H3H3H3H3H3 for Joint Honours with Sociology
Social Work	BSW [S]	3	ABB + GCSE Mathematics grade C/4 or an equivalent qualification acceptable to the University Note: applicants being considered for an offer will be interviewed.	H3H3H3H3H3H3/H2H3H3H3H3 + if not offered at Higher Level then Ordinary Level grade O4 in Mathematics is required Note: applicants being considered for an offer will be interviewed.

Subject	Degree	Yrs	A-Level Target Grades And Subject Requirements	Irish Leaving Certificate Higher Level Target Grades And Subject Requirements
Social Work (Relevant Graduate Route)	BSW [S]	2	A minimum of a Lower Second Class (2:2) Honours degree in a cognate subject. Please refer to degree entry for further information on cognate subjects. Graduates in any other subjects (minimum standard 2.2) who have successfully completed a Postgraduate Certificate in Education (PGCE) will also be considered. All applicants must have a minimum of a grade C/4 in GCSE Mathematics or an equivalent qualification acceptable to the University. Note: applicants being considered for an offer will be interviewed.	A minimum of a Lower Second Class (2:2) Honours degree in a cognate subject. Please refer to degree entry for further information on cognate subjects. Graduates in any other subjects (minimum standard 2.2) who have successfully completed a Postgraduate Certificate in Education (PGCE) will also be considered. All applicants must have a minimum of a Higher Level grade H4 (prior to 2017 Higher Level grade C3) or Ordinary Level grade O4 (prior to 2017 Ordinary Level grade C3) in Mathematics. Note: applicants being considered for an offer will be interviewed.
Sociology	BA [S/J]	3	ABB for Joint Honours with Criminology OR BBB for other options	H3H3H3H3H3H3/H2H3H3H3H3 for Joint Honours with Criminology OR H3H3H3H3H4H4/H3H3H3H3H3 for other options
© Software and Electronic Systems Engineering	BEng [S]	3	ABB including Mathematics and at least one from Biology, Chemistry, Computing, Digital Technology, Electronics, Further Mathematics, Geography, ICT [not Applied ICT], Physics, Software Systems Development, Technology and Design or Double Award Life & Health Sciences	H3H3H3H3H3H3/H2H3H3H3H3 including Higher Level grade H3 in Mathematics and a Science subject (see list under A-level requirements)
	MEng [S]	4	AAA including Mathematics and at least one from Biology, Chemistry, Computing, Digital Technology, Electronics, Further Mathematics, Geography, ICT [not Applied], Physics, Software Systems Development or Technology and Design	H2H2H3H3H3H3 including Higher Level grade H2 in Mathematics and a Science subject (see list under A-level requirements)
Software Engineering	BEng [S] (sandwich course)	4	BBB including Computing, Mathematics or Software Systems Development + GCSE Mathematics grade C/4 OR ABB including Chemistry, Digital Technology, GCE A-level ICT (not Single Award Applied ICT), Physics, Technology and Design or Double Award Applied ICT + GCSE Mathematics grade C/4	H3H3H3H3H4H4/H3H3H3H3H3 including Higher Level grade H3 in Mathematics OR H3H3H3H3H3H3/H2H3H3H3H3 including Higher Level grade H3 in Chemistry or Physics + Ordinary Level grade O4 in Mathematics
	MEng [S]	4	AAB including Computing, Mathematics or Software Systems Development + GCSE Mathematics grade C/4 OR AAA including Chemistry, Digital Technology, GCE A-level ICT (not Single Award Applied ICT), Physics, Technology and Design or Double Award Applied ICT + GCSE Mathematics grade C/4	H2H3H3H3H3H3 including Higher Level grade H3 in Mathematics OR H2H2H3H3H3H3 including Higher Level grade H3 in Chemistry or Physics + Ordinary Level grade O4 in Mathematics
	MEng [S] (sandwich course)	5	AAB including Computing, Mathematics or Software Systems Development + GCSE Mathematics grade C/4 OR AAA including Chemistry, Digital Technology, GCE A-level ICT (not Single Award Applied ICT), Physics, Technology and Design or Double Award Applied ICT + GCSE Mathematics grade C/4	H2H3H3H3H3H3 including Higher Level grade H3 in Mathematics OR H2H2H3H3H3H3 including Higher Level grade H3 in Chemistry or Physics + Ordinary Level grade O4 in Mathematics

Subject	Degree	Yrs	A-Level Target Grades And Subject Requirements	Irish Leaving Certificate Higher Level Target Grades And Subject Requirements
Software Engineering with Digital Technology Partnership This is a Higher Level Apprenticeship in conjunction with Pricewaterhouse Coopers (PwC)	BEng [S] (sandwich course)	4	BBB including Computing, Mathematics or Software Systems Development + GCSE Mathematics grade C/4 OR ABB including Chemistry, Digital Technology, GCE A-level ICT (not Single Award Applied ICT), Physics, Technology and Design or Double Award Applied ICT + GCSE Mathematics grade C/4 Academically eligible applicants will be asked to complete a supplementary form agreeing to share information with PwC. Applicants will then be invited to take part in PwC selection process from which the final 20 successful candidates will be chosen.	H3H3H3H3H4H4/H3H3H3H3H3 including Higher Level grade H3 in Mathematics OR H3H3H3H3H3H3/H2H3H3H3H3 including Higher Level grade H3 in Chemistry or Physics + Ordinary Level grade O4 in Mathematics Academically eligible applicants will be asked to complete a supplementary form agreeing to share information with PwC. Applicants will then be invited to take part in PwC selection process from which the final 20 successful candidates will be chosen.
Spanish	BA [S/J]	4	ABB including Spanish Note: For those who have not studied A-level Spanish then AS-level Spanish grade B would be acceptable	H3H3H3H3H3H3/H2H3H3H3H3 including Higher Level grade H3 in Spanish
Spanish (Beginners)	BA [S/J]	4	ABB + GCSE Spanish grade B/6 or evidence of linguistic ability in another language Note: the Beginners option is not available to those who have studied AS-level or A-level Spanish	H3H3H3H3H3H3/H2H3H3H3H3 + Ordinary Level grade O3 in Spanish or evidence of linguistic ability in another language Note: the Beginners option is not available to those who have studied Higher Level Spanish
Spanish and Portuguese	BA [S]	4	ABB including A-level Spanish. Note: for applicants who have not studied A-level Spanish then AS-level Spanish grade B would be acceptable in lieu of A-level Spanish	H3H3H3H3H3H3/H2H3H3H3H3 including Higher Level grade H3 in Spanish
Spanish and Portuguese (Beginners)	BA [S]	4	ABB + GCSE Spanish grade B/6 or evidence of linguistic ability in another language Note: the Beginners' option is not available to those who have studied A-level or AS-level Spanish	H3H3H3H3H3H3/H2H3H3H3H3 + Ordinary Level grade O3 in Spanish or evidence of linguistic ability in another language Note: the Beginners option is not available to those who have studied Higher Level Spanish
© Structural Engineering with Architecture	MEng [S]	4	AAA including Mathematics and at least one from Biology, Chemistry, Computing, Digital Technology, Geography, ICT (not Applied ICT), Physics, Software Systems Development or Technology and Design Note: Applicants not offering Physics at A-level should have a minimum of a grade B/6 in GCSE Physics or GCSE Double Award Science grades BB/66	H2H2H3H3H3H3 including Higher Level grade H2 in Mathematics and a Science subject (see list under A-level list requirements)
Theoretical Physics	BSc [S]	3	AAB including Mathematics grade A and Physics grade B OR A*BB including Mathematics grade A* and Physics grade B	H2H3H3H3H3H3 including Higher Level grade H2 in Mathematics and H3 in Physics
	MSci [S]	4	AAA including Mathematics and Physics OR A* (Mathematics) AB including Physics	H2H2H3H3H3H3 including Higher Level grade H2 in Mathematics and Physics

Subject	Degree	Yrs	A-Level Target Grades And Subject Requirements	Irish Leaving Certificate Higher Level Target Grades And Subject Requirements
© Zoology	BSc [S]	3	BBB including Biology and at least one from Chemistry (preferred), Geography, Mathematics or Physics + GCSE Chemistry grade C/4 or GCSE Double Award Science grades CC/44 + GCSE Mathematics grade C/4 OR BBB including Double Award Applied Science or Double Award Life & Health Sciences + GCSE Biology and Chemistry grades CC/44 or GCSE Double Award Science grades CC/44 + GCSE Mathematics grade C/4 OR ABB including Biology + GCSE Chemistry grade C/4 or GCSE Double Award Science grades CC/44 + GCSE Mathematics grade C/4 It would be an advantage to have studied Chemistry beyond GCSE level	H3H3H3H3H4H4/H3H3H3H3H3 including Higher Level grade H3 in Biology and at least one from Chemistry (preferred), Geography, Mathematics or Physics + if not offered at Higher Level then Ordinary Level grade O4 in Chemistry and Mathematics OR H3H3H3H3H3H3/H2H3H3H3H3 including Higher Level grade H3 in Biology + Ordinary Level grade O4 in Chemistry and Mathematics. It would be an advantage to have studied Higher Level Chemistry
	MSci [S]	4	AAB including Biology and at least one from Chemistry (preferred), Geography, Mathematics or Physics + GCSE Chemistry grade C/4 or GCSE Double Award Science grades CC/44 + GCSE Mathematics grade C/4 OR AAB including Double Award Applied Science or Double Award Life & Health Sciences + GCSE Biology and Chemistry grades CC/44 or GCSE Double Award Science grades CC/44 + GCSE Mathematics grade C/4 OR AAA including Biology + GCSE Chemistry grade C/4 or GCSE Double Award Science grades CC/44 + GCSE Mathematics grade C/4. It would be an advantage to have studied Chemistry beyond GCSE level	H2H3H3H3H3H3 including Higher Level grade H2 and H3 in any order in Biology and at least one from Chemistry (preferred), Geography, Mathematics or Physics + if not offered at Higher Level then Ordinary Level grade O4 in Chemistry and Mathematics OR H2H2H3H3H3H3 including Higher Level grade H2 in Biology + Ordinary Level grade O4 in Chemistry and Mathematics It would be an advantage to have studied Higher Level Chemistry

Notes

- © Placement option is also available. Please note that taking the placement option will add one extra year to the duration of the course.
- 1 First two years based at the College of Agriculture, Food and Rural Enterprise (Greenmount Campus, Antrim). Final year is at Queen's.
- 2 Applicants for courses involving Music should indicate in the Education section of the UCAS application the highest grade achieved in Music Practical and Theory examinations. Applicants should also include any exams they intend to complete before admission to the University in the Education section.
- 3 Based at Belfast Metropolitan College. Articulation from the Foundation Degree to an Honours degree at Queen's is possible.
- 4 Based at South West College (Omagh). Articulation from the Foundation Degree to an Honours degree at Queen's is possible.



ACCESS COURSE ENTRANCE REQUIREMENTS

Applications from those offering Access Courses are welcomed and each is considered individually on its merits. Access Courses are designed for adults who left formal education without the qualifications needed for entry to higher education, who did not progress beyond Level 3 qualifications, eg A-levels, and who are returning to study after a significant break from full-time education (normally a minimum of two years). A wide range of programmes are available and they are validated by the Quality Assurance Agency for Higher Education (QAA) or by Queen's University Belfast (Access Diploma) or Ulster University (Access Diploma).

Where offers are made, these are based on completion of the full qualification, which is normally available on a one-year, full-time or two-years, part-time basis.

ACCESS COURSES VALIDATED BY QUEEN'S UNIVERSITY OR ULSTER UNIVERSITY

The following tables provide details of the target grades and subject requirements. The standards required vary according to the subject selected. Please note that the Study Skills module will not be counted in fulfilment of entry requirements.

Since the Prospectus is prepared well in advance of the academic year to which it relates, the information stated here and in the online Course Finder is for guidance only.

ACCESS TO HE DIPLOMA

Most courses at Queen's will consider applicants presenting a QAA recognised Access to HE Diploma. A minimum of 60 credits is required, including 45 credits at Level 3 and 15 at Level 2. The following is a guide to the standards required in terms of equivalencies to A-level target grades, however, it should be noted that a number of courses will have specific (subject) requirements and these together with the number of credits, level and required grades will be specified in the offer.

A-level Grades	Access to HE Diploma Grades
AAA	39 Distinctions, 6 Merits
AAB	30 Distinctions, 15 Merits
ABB	24 Distinctions, 21 Merits
BBB	15 Distinctions, 30 Merits

Subject	Target Grades and Subject Requirements ¹
AGRI-FOOD AND LAND USE	
Agricultural Technology ²	65% average in relevant course (normally Science based). GCSE Mathematics grade C/4 or equivalent in Access Course.
Energy, Environment and Sustainability ³ (Foundation Degree)	55% average in relevant course (normally Science based). GCSE Mathematics grade C/4 or equivalent in Access Course OR 60% average in a non-relevant science course. GCSE Mathematics grade C/4 or equivalent in Access Course.
Environmental Management	65-70% average. GCSE Mathematics grade C/4 or equivalent in Access Course. NB: certain modules require GCSE Mathematics grade B/6 or equivalent in Access Course.
Food Quality, Safety and Nutrition (BSc)	80% average with no less than 70% in any module normally including two Biology modules (Level 3) and one Chemistry module (Level 3). GCSE Mathematics grade C/4 or equivalent in Access Course.
Food Science and Food Security	Not considered.

EDUCATION	
Bachelor of Education	Education is taught at St Mary's University College and Stranmillis University College. Each of the University Colleges produces its own prospectus to which you should refer.

ENGINEERING	
Architecture	75% average. GCSE Mathematics grade C/4 or equivalent in Access Course. Applicants with a grade C/4 in GCSE Art or no Art at GCSE/A-level may be invited for a portfolio interview.
Audio Engineering	80% in each module. Must be relevant Access Course including two modules in Mathematics (Level 3) and two modules in Physics/Chemistry (Level 3).
Computer Science (BSc)	65-70% average. Must be relevant Access Course (eg Mathematics and Computing). GCSE Mathematics grade C/4 or equivalent in Access Course.
Computing and Information Technology	75% average in any Access Course. GCSE Mathematics grade C/4 or equivalent in Access Course OR 65-70% in a computing, mathematical or scientific Access Course. GCSE Mathematics grade C/4 or equivalent in Access Course.
Engineering - Foundation degree: Mechanical Engineering ⁴	55% average Must be a relevant Access Course (eg Engineering) including two modules in Mathematics (Level 3) and two modules in Physics and/or Chemistry (Level 3).

Subject	Target Grades and Subject Requirements ¹
Engineering - BEng degrees: Aerospace Engineering, Chemical Engineering, Civil Engineering, Electrical and Electronic Engineering, Mechanical Engineering, Product Design Engineering, Software and Electronic Systems Engineering	80% in each module Must be a relevant Access Course (eg Engineering) including two modules in Mathematics (Level 3) and two modules in Physics and/or Chemistry (Level 3).
Engineering - MEng degrees	Not considered.
European Planning	75% average. GCSE Mathematics grade C/4 or equivalent in Access Course.
Planning, Environment and Development	70% average. GCSE Mathematics grade C/4 or equivalent in Access Course.
Software Engineering (BEng degree)	65-70% average. Must be relevant Access Course (eg Mathematics and Computing). GCSE Mathematics grade C/4 or equivalent in Access Course.
Software Engineering with Digital Technology Partnership This is a Higher Level Apprenticeship in conjunction with a leading technology employer	65-70% average. Must be relevant Access Course (eg Mathematics and Computing). GCSE Mathematics grade C/4 or equivalent in Access Course Academically eligible applicants will be asked to complete a supplementary application form which will be assessed by the employer. Applicants successful at this stage of the process will then be invited to attend an assessment centre from which the final successful candidates will be chosen.

HUMANITIES AND SOCIAL SCIENCES⁵	
Anthropology	70% average.
Archaeology	65% average.
Broadcast Production	70% average.
Criminology	70% average.
Drama	65% average.
English	70% average including an average of 65% in Literature modules for Single Honours and Joint Honours in Anthropology and English, English and History, English and Linguistics, English and Philosophy, English and Politics 65% average including an average of 65% in Literature modules for other options.
English with Creative Writing	70% average including average of 65% in Literature modules.
Film Studies and Production	65% average.

Subject	Target Grades and Subject Requirements ¹
Film and Theatre Making	70% average.
French	Not normally considered as Access Courses would not satisfy language requirements.
History	70% average for Single Honours and Joint Honours Anthropology and History, English and History, History and International Studies, History and Philosophy, and History and Politics 65% average for other options.
International Relations and Conflict Studies (Single Honours), International Relations (Joint Honours)	70% average.
Irish	Not normally considered as Access Courses would not satisfy language requirements.
Liberal Arts	75% average.
Linguistics	70% average including average of 65% in Literature modules.
Music – BMus ⁶	Certificate in Foundation Studies in Music with an average of 65%.
Music and Audio Production ⁶	70% average.
Music and Sound Design ⁶	70% average.
Music Performance ⁶	70% average plus successful audition.
Philosophy	70% average.
Politics	70% average.
Politics, Philosophy and Economics	75% average. GCSE Mathematics grade B or equivalent in Access Course.
Social Policy	70% average for Joint Honours with Criminology 65% average for Joint Honours with Sociology.
Social Work	70% average (Level 3 units). Minimum of a grade C/4 in GCSE Mathematics or the equivalent in the Access course (NICATS Mathematics).
Sociology	65% average (except BA Criminology and Sociology: 70% average).
Spanish (Single and Joint Honours), Spanish and Portuguese	Not normally considered as Access Courses would not satisfy language requirements.
LAW	
Law, Law with Politics	75% average.
Common and Civil Law with French or Spanish	Not normally considered as Access Courses would not satisfy language requirements.

Subject	Target Grades and Subject Requirements ¹
MANAGEMENT	
Accounting	75% average. GCSE Mathematics grade B/6 or equivalent in Access Course.
Actuarial Science and Risk Management	Not considered.
Business Economics	70% average. GCSE Mathematics grade B/6 or equivalent in Access Course.
Business Information Technology	70% average. GCSE Mathematics grade C/4 or equivalent in Access Course.
Business Management	70% average. GCSE Mathematics grade B/6 or equivalent in Access Course.
Economics	70% average. GCSE Mathematics grade A/7 or equivalent in Access Course.
Economics and Accounting	70% average. GCSE Mathematics grade B/6 or equivalent in Access Course.
Economics with Finance	70% average. GCSE Mathematics grade A/7 or equivalent in Access Course.
Finance	70% average including an average of 70% to include two Mathematics modules (Level 3). Must be a relevant Access Course (eg Mathematics and Computing).
International Business with a Language	Not normally considered as Access Courses would not satisfy language requirements.
MEDICINE AND HEALTH SCIENCES	
Biomedical Sciences, Human Biology	80% average with no less than 70% in any module normally including two Biology modules (Level 3) and two Chemistry modules (Level 3). GCSE Mathematics grade C/4 or equivalent in Access Course.
Dentistry	Not considered.
Midwifery Sciences	65% with two modules of Biology or Chemistry or Physics OR 70% with one module of Biology or Chemistry or Physics OR 70% in an Access Course with no science modules Applicants offering Access/Foundation course qualifications must also have a grade B/6 at GCSE in both Mathematics and a Science subject (ie Biology/Human Biology, Chemistry, Physics, Double Award Science or Single Award Science) or an equivalent qualification acceptable to the University. Within an Access programme, 70% in NICATS Mathematics and 70% in a Level 3 Biology or Chemistry or Physics module would fulfil the GCSE Mathematics and Science requirements. Additional academic criteria may be applied at shortlisting depending on the volume of applications.
Medicine	Not considered.

Subject	Target Grades and Subject Requirements ¹
Professional Nursing	65% with two modules of Biology or Chemistry or Physics OR 70% with one module of Biology or Chemistry or Physics OR 70% in an Access Course with no science modules Applicants offering Access/Foundation courses must also have a grade C/4 in GCSE Mathematics and a Science subject (ie Biology/Human Biology, Chemistry, Physics, Double Award Science or Single Award Science) or an equivalent qualification acceptable to the University. Within an Access programme, a pass in NICATS Mathematics and a pass in one Level 3 Biology or Chemistry or Physics module would fulfil the GCSE Mathematics and Science requirements. Additional academic criteria may be applied at shortlisting depending on the volume of applications.
SCIENCE	
Archaeology (MSci)	75% average. GCSE Mathematics grade C/4 or equivalent in Access Course.
Archaeology–Palaeoecology (BSc)	65% average. GCSE Mathematics grade C/4 or equivalent in Access Course.
Biochemistry (BSc option)	80% average with no less than 70% in any module normally including two Chemistry modules (Level 3) and one Biology module (Level 3). GCSE Mathematics grade C/4 or equivalent in Access Course.
Biological Sciences, Marine Biology, Microbiology, Zoology (BSc options)	80% average with no less than 70% in any module normally including two Biology modules (Level 3) and one Chemistry module (Level 3). GCSE Mathematics grade C/4 or equivalent in Access Course.
Biology – Foundation degree: Biological Sciences ⁴	65% average. Must be a relevant Access Course normally including two Biology modules (Level 3) and one Chemistry module (Level 3). GCSE Mathematics grade C/4 or equivalent in Access Course.
Chemistry – BSc degrees: Chemistry, Medicinal Chemistry	80% average with no less than 70% in any module including two Chemistry modules (Level 3). GCSE Mathematics grade C/4 or equivalent in Access Course.
Geography, Archaeology–Palaeoecology and Geography	70% average normally including 70% in Geography (Physical and Human). GCSE Mathematics grade C/4 or equivalent in Access Course.
Mathematics – BSc degrees: Mathematics, Mathematics and Computer Science, Mathematics and Statistics and Operational Research, Mathematics with Finance	80% in each module Must be a relevant Access Course (eg Engineering/Mathematics and Computing) including at least two modules in Mathematics (Level 3).

Subject	Target Grades and Subject Requirements ¹
Pharmaceutical Sciences, Pharmaceutical Biotechnology	80% average with no less than 70% in any module normally including two Biology modules (Level 3) and one Chemistry module (Level 3). GCSE Mathematics grade C/4 or equivalent in Access Course OR 80% average with no less than 70% in any module normally including two Chemistry modules (Level 3) and one Biology module (Level 3). GCSE Mathematics grade C/4 or equivalent in Access Course.
Pharmacy	Not considered.
Physics – BSc degrees: Applied Mathematics and Physics, Physics, Physics with Astrophysics, Physics with Medical Applications, Theoretical Physics	80% in each module Must be a relevant Access Course (eg Engineering) including two modules in Mathematics (Level 3) and two modules in Physics (Level 3).
Psychology	70-75% average. GCSE Mathematics grade C/4 or equivalent in Access Course.

Notes

- Where it is stipulated that an equivalent is acceptable, it should be noted that the equivalent must be recognised and acceptable to the University.
- First two years based at the College of Agriculture, Food and Rural Enterprise (Greenmount Campus). Final year is at Queen's.
- Based at South West College (Omagh). Articulation from the Foundation Degree to an Honours degree at Queen's is possible.
- Based at Belfast Metropolitan College. Articulation from the Foundation Degree to an Honours degree at Queen's is possible.
- Where subjects are offered as Joint Honours, the requirements are stated separately under each heading and subject specific requirements must be met.
- Applicants for courses involving Music should indicate in the Education section of the UCAS application the highest grade achieved in Music Practical and Theory examinations. Applicants should also include details of any examinations they intend to complete before admission to the University.

OTHER QUALIFICATIONS

Queen's is committed to widening access and we welcome applications from applicants offering qualifications other than those referred to above. If you are undertaking other qualifications, have a look at the information below and if you have any queries please contact the Admissions and Access Service (admissions@qub.ac.uk).

BTEC and OCR Qualifications at Level 3

Applications are considered individually on their merits, and GCSE background and results in the first year BTEC/OCR (or qualifications deemed equivalent from other awarding bodies) examinations may be taken into account, bearing in mind, where appropriate, the course requirements. Offers will be based on performance in individual units rather than the overall grade(s) awarded.

The targets set for Arts, Humanities and Social Sciences-based subjects range from 100 credits at Distinction and 80 credits at Merit in the BTEC Extended Diploma/OCR Cambridge Technical Extended Diploma/BTEC National Extended Diploma 540 Guided Learning Hours (GLHs) at Distinction (including a minimum of 240 GLHs in externally assessed units) and 540 GLHs at Merit, to 160 credits at Distinction and 20 credits at Merit/900 GLHs at Distinction (including a minimum of 240 GLHs in externally assessed units) and 180 GLHs at Merit depending on the specific degree programme.

In Science, Engineering and Agri-Food and Land Use, applicants offering a relevant BTEC Extended Diploma/OCR Cambridge Technical Extended Diploma/BTEC National Extended Diploma are considered individually on their merits. Where offers are made, they range from 100 credits/540 GLHs (including a minimum of 240 GLHs in externally assessed units) to 160 credits/900 GLHs (including a minimum of 240 GLHs in externally assessed units) at Distinction (including specified units) and Merits in all other units.

A combination of A-levels and BTEC/OCR qualifications will also be considered and, where applicants take two A-levels

and a BTEC Subsidiary Diploma/National Extended Certificate/OCR Cambridge Technical Introductory Diploma/Extended Certificate or one A-level and a BTEC Diploma/National Diploma/OCR Cambridge Technical Diploma offers will be made in terms of performance in individual units rather than the overall grade(s) awarded.

Please note that a maximum of one BTEC Subsidiary Diploma/National Extended Certificate/OCR Cambridge Technical Introductory Diploma/Extended Certificate will normally be counted as part of an applicant's portfolio of qualifications (except Dentistry, Medicine and Pharmacy, for which these qualifications are not acceptable). Again offers will be made in terms of performance in individual units rather than the overall grades awarded. The table below is for guidance.

More detailed information is available via the Course Finder on the University's website at go.qub.ac.uk/coursefinder

A-level Grade	BTEC (QCF) Subsidiary Diploma/OCR Cambridge Technical Introductory Diploma/Extended Certificate - Level 3	BTEC (RQF) National Extended Certificate - Level 3 360 Guided Learning Hours (GLHs)
A	60 credits at Distinction	360 GLHs at Distinction
B	30 credits at Distinction and 30 credits at Merit	180 GLHs at Distinction and 180 GLHs at Merit
C	60 credits at Merit	360 GLHs at Merit

NB: AQA Level 3 Extended Certificate is considered equivalent to BTEC/OCR

BTEC Higher National Diplomas (HND - Level 5)

Applications are considered individually on their merits and academic background at GCSE, GCE General and Applied A-levels and results in the first year examinations are taken into account, bearing in mind, where appropriate, the course requirements.

For Arts, Humanities and Social Sciences-based subjects, where offers are made these range from Merits in all final year units to a mixture of Distinctions and Merits for the more competitive courses including some of the BA Single Honours degrees, Law, Psychology and for degree programmes in Queen's Management School. Entry would normally be to Stage 1 although some courses at Queen's may consider admission to Stage 2.

In Science, Engineering and Agri-Food and Land Use, applicants offering a relevant Higher National Diploma are considered individually on their merits for Stage 1 or Stage 2 entry, depending on how closely the syllabus correlates to Stage 1 and on their performance in first year. Where offers are made for Engineering these are normally based on 12 Merits (4-6 units specified) and four Passes for Stage 2 and nine Merits (3 units specified) and seven Passes for Stage 1. Science-based subjects usually require either Merits in all final year units or a mixture of Distinctions and Merits.

BTEC Higher National Certificates (HNC - Level 4)

Applicants offering BTEC Higher National Certificates are considered on the same basis as applicants offering Higher National Diplomas, however, entry would be to Stage 1.

Foundation Degrees

Applicants offering a Foundation Degree are considered individually on their merits and academic background at GCSE, GCE General and Applied A-levels and the performance in first year may be taken into consideration. Where offers are made these are based on completion of the full qualification and for Stage 1 or Stage 2 depending on compatibility and performance.

Scottish Highers and Advanced Highers

The University accepts Scottish Higher and Advanced Higher qualifications. The following is a guide to the standard required in terms of equivalencies to A-level target grades.

- For certain degree courses within Science, Engineering, Agri-Food and Land Use, Queen's Management School and Pharmacy programmes, an Advanced Higher in one or more specified subjects will be required.
- For Medicine and Dentistry, performance in Scottish Highers at first attempt is important with a minimum of AAABB required. Three Advanced Highers are necessary except where applicants achieved AAAAA in Scottish Highers. In such cases, two Advanced Highers would be acceptable.

A-level grades	Higher offer (S5)	Advanced Higher offer (S6)	Typical Advanced Higher + Higher offer (4 subjects)
AAA	AAAAB	AAA	AA + AA
AAB	AAABB	AAB	AA + AB
ABB	ABBBB	ABB	AB + AB
BBB	BBBBB	BBB	BB + AB
BBC	BBBBC	BBC	BB + BC
BCC	BBBCC	BCC	BC + BC

International Baccalaureate (IB) Diploma Programme (DP)

Applicants must obtain the Diploma in order to be eligible for admission. While it is not possible to give exact equivalencies, the following acts as a guide.

More detailed information is available via the Course Finder on the University's website at go.qub.ac.uk/coursefinder

A-level Grades	International Baccalaureate (IB) Diploma Programme (DP) Individual grades refer to subjects at Higher Level
AAA	6,6,6 AND 36 POINTS OVERALL
AAB	6,6,5 AND 34 POINTS OVERALL
ABB	6,5,5 AND 33 POINTS OVERALL
BBB	6,5,5 AND 32 POINTS OVERALL
BBC	5,5,5 AND 30 POINTS OVERALL
BCC	5,5,5 AND 29 POINTS OVERALL

(Maximum grade 7 - Minimum pass grade 4)

Applicants presenting with a combination of A-levels and individual IB Higher Level (HL) subject certificates will also be considered.

Open University Qualifications

Applicants offering Open University qualifications are considered individually on their merits and on level of performance. Applicants are normally expected to offer 120 CATS points and previous academic background may be taken into account. For high-demand courses, 60 of the 120 CATS points may be required at Level 2 and a specified grade may be stipulated.

Cambridge Pre-U Diploma and Principal Subjects

The Cambridge Pre-U Diploma and Principal Subjects are acceptable, on their own or in combination with A-levels. A Principal Subject will be acceptable in lieu of a specified A-level in fulfilment of course requirements, with a grade D3 considered comparable to a grade A at A-level, a grade M2 considered comparable to a grade B at A-level and a grade M3 considered comparable to a grade C at A-level.

BTEC/OCR qualifications at Level 2

In fulfilment of the General Entrance Requirement or where performance at GCSE level is used in the selection process for individual programmes the University will accept a maximum of one BTEC/OCR qualification at Level 2, up to the equivalent of four GCSEs

Certificate and Diploma in Financial Studies

Applications from applicants will be considered on an individual basis and a final decision taken in light of the full portfolio of qualifications, previous academic performance, relevant experience and the nature of the course applied for. In practice these qualifications have normally been included in conditional offers.

CACHE Level 3 Qualifications

Applicants offering these qualifications are considered individually on their merits. Overall academic background is taken into account plus the nature of the course applied for.

Essential Skills, Level 2, Application of Number

Level 2 Essential Skills in Application of Number will be considered on an individual basis in place of GCSE Mathematics Grade C, where this is a course requirement. An applicant's overall academic profile and any additional qualifications in numerically related subjects may be taken into account, however, applicants should note that for Nursing, Midwifery and Social Work it will not be acceptable in lieu. This will be reviewed in the event of changes to the specifications or content of either the GCSE or Essential Skills qualification.

National Vocational Qualifications (NVQ)

NVQs are not acceptable on their own for admission to undergraduate degrees.

Quality and Qualifications Ireland (QQI) FET/FETAC

These qualifications are not acceptable for admission to undergraduate degrees.

Other qualifications deemed equivalent by the University

If you are taking qualifications which differ from those listed here, please contact the Admissions and Access Service for advice.

e: admissions@qub.ac.uk
t: +44 (0) 28 9097 3838



HOW AND WHEN TO APPLY

HOW TO APPLY

Applications for admission to full-time undergraduate and sandwich courses at the University should normally be made through the Universities and Colleges Admissions Service (UCAS). Full information can be obtained from the UCAS website at: ucas.com/apply.

WHEN TO APPLY

UCAS will start processing applications for entry in autumn 2021 from 1 September 2020.

The advisory closing date for the receipt of applications is 15 January 2021 (18:00), however, for applicants applying to Oxford or Cambridge and for those whose choices include Medicine, Dentistry or Veterinary Medicine/Science the closing date is 15 October 2020 (18:00).

There are two intakes for Adult Nursing (one in September and the other in February) and application must be made for both courses by 15 January (18:00) prior to the academic year of entry ie for September and the following February.

Applicants are encouraged to apply as early as is consistent with having made a careful and considered choice of institutions and courses. Earlier applicants normally receive decisions more quickly, however, UCAS accepts that some applicants, especially those from outside the UK, may find this difficult. Late applications are, in practice, accepted by UCAS throughout the remainder of the application cycle, but you should understand that they are considered by institutions at their discretion, and there can be no guarantee that they will be given the same full level of consideration as applications received by the advisory closing date.

Applications for Nursing, Midwifery and Social Work must be submitted by the 15 January (18:00) deadline. Applications received after this deadline will not be considered.

Take care to enter the details of the institutions and courses clearly and correctly on the application. For Queen's, the institution code name is QBELF and the institution code is Q75. These should be entered in the Choices section of your UCAS application. Please note a Campus Code is not required.

DEFERRED ENTRY

Most courses, except Nursing, Midwifery and Social Work, are happy to consider applications from students wishing to defer their year of entry. If you apply for deferred entry, you should tell us what you plan to do during your Gap Year in the personal statement section of your UCAS application.

SUPPORT FOR CARE LEAVERS

Queen's University is committed to providing support for Care experienced students.

We have a dedicated member of staff available to support applicants through the application process, which continues throughout their undergraduate studies, including graduation and beyond.

We can guarantee 365-day University accommodation if required and we also award a £1,000 bursary. For more information about our bursary and support, please contact Julie-Ann Hamilton, j.a.hamilton@qub.ac.uk or visit our dedicated webpage at qub.ac.uk/directorates/sgc/wpu/CareExperiencedYoungPeople

PATHWAY OPPORTUNITY PROGRAMME

The University's Pathway Opportunity Programme provides a route for talented young people from Northern Ireland who have the ability to study at Queen's, but may require additional support and encouragement, due to their background, to reach their full potential.

During Years 13 and 14 Pathway students participate in a series of events focused on increasing their knowledge and skills within a subject specific Pathway with the addition of admission guidance and support. The overall programme includes a week long residential summer school which concludes with a piece of assessed coursework. Upon successful completion of the programme, students receive a guaranteed conditional offer to study at Queen's in a designated Pathway course. In addition, the summer school assessment can lead to a reduced admissions offer which may be up to two A-Level grades lower than the standard offer. For further information please contact the Pathway Team at: pop@qub.ac.uk.

DISABILITY SERVICES

The University welcomes and encourages applications from students with disabilities or long term conditions. Applications are considered on the same grounds as non-disabled applicants. An individual's disability or long term condition will not influence the University's decision to offer a place.

On receipt of an offer from the University, applicants who have disclosed a disability or long term condition will be asked to complete a questionnaire which can be found at: go.qub.ac.uk/ado-disability

The information detailed by applicants on their completed questionnaire will be used to determine reasonable adjustments should they be accepted and placed on their chosen course at Queen's.

Where it is anticipated from the information provided that the applicant will require significant support or will require modifications to the academic course, they will be invited to meet staff from Disability Services and relevant members from the academic School to discuss the applicant's individual needs. In a small number of cases where there are fitness to practise concerns or where reasonable adjustments may not be feasible to implement (which

may arise as a result of the disclosure of a disability or long term condition after an offer of a place has been made or after a place has been taken up), advice will be obtained by Disability Services from the School, the University's Occupational Health Service and appropriate external agencies to ensure every reasonable effort is made to support the student in taking up their offer on their chosen course at Queen's. Following these discussions, staff from Disability Services and the School will offer to meet with the applicant to discuss the support available to enable them to make an informed judgement on the suitability of the course. In the exceptional and unlikely event where fitness to practise issues remain a concern or reasonable adjustments cannot be implemented, the University reserves the right to withdraw an offer or withdraw the student from their course.

The University recognises that the decision to disclose a disability or long-term condition is a personal one, although it is recommended that applicants do so as early as possible to support the timely implementation of agreed reasonable adjustments. If a disability or long term condition is not disclosed until a later stage, the University will endeavour to make any adjustments required before the start of the course, but it may not be possible to have everything in place before this.

Applicants who wish to appeal a decision not to implement adjustments requested which prevent the applicant from taking up their offer of a place on a course may write to the Director of Academic and Student Affairs to request a review of the decision. For further information please refer to the University's Student Disability Policy at: qub.ac.uk/directorates/sgc/disability/universityPolicyonDisabilityRelatedPublications

If you need any advice about disclosing disability, or the arrangements which we can make, please contact:

Disability Services
t: +44 (0)28 9097 2727
e: disability.office@qub.ac.uk

APPLICANTS RETURNING TO EDUCATION

Queen's also welcomes applications from students who are returning to education. Each case will be considered on its individual merits and modified entrance targets may be set.

Life experience is not in itself sufficient grounds for admission and we require evidence of recent academic study (normally within the last five years) at a suitably high level which has led to positive results. The qualifications most frequently offered by such applicants are Access Courses (see information and table on pages 82-85), A-levels, BTEC Extended/National Extended Diplomas/Higher National Certificates and Diplomas, Foundation Degrees and Open University credits. It is our experience that applicants stand a better chance of succeeding on their course if they have been able to acquire or improve skills of reading, analysis and writing beforehand.

While many subjects can be taken from scratch at university level, there are others, particularly in Science and Engineering, where considerable background knowledge is essential. For this reason, it is understandable that the majority of students who have entered university from this background are to be found in humanities and social science subjects.

Please be aware that undertaking a period of full-time study can have serious implications. Think it through carefully. It is a good idea for applicants to get some guidance and counselling from organisations such as nidirect (nidirect.gov.uk) or from the University's Careers, Employability and Skills service (qub.ac.uk/careers), in order to establish where their best interests and chances of success lie. We would also encourage applicants to contact the Admissions and Access Service (admissions@qub.ac.uk), who will be happy to provide advice.

APPLICANTS WITH A CRIMINAL RECORD

The University acknowledges the key role of education in the rehabilitative process and a criminal record will not preclude an applicant from being offered a place at the University. However some programmes are exempt from the Rehabilitation of Offenders Act and students are required to disclose all spent and unspent convictions. If a programme is exempt from the Rehabilitation of Offenders Act an applicant will be asked by UCAS (UG students) to declare the information as part of their application to the programme. It is an applicant's responsibility to check any specific programme requirements. Failure to disclose could jeopardise a student's enrolment status.

There are also specific disclosure requirements for courses leading to membership of a profession/professional body and/or for Fitness to Practise considerations. These requirements normally include disclosure of spent and unspent convictions and may also include disclosures concerning health. Again, it is the student's responsibility to comply with relevant professional body standards. The University will investigate the criminal record of a new applicant only if the primary selection criteria for a programme have been met, these relate to qualifications, skills, abilities and personal qualities of an applicant. All applicants to courses where their studies will involve interaction with vulnerable groups will be required to give permission for an enhanced AccessNI (ANI) check (or suitable alternative in the case of international students) to be carried out. AccessNI is part of central government and operates under the provisions of Part V of the Police Act 1997. Information on the University's procedure for the Admission of Applicants with a Criminal Record is available in Appendix 4 of the Undergraduate Admissions Policy 2020/2021, which can be accessed at:

qub.ac.uk/directorates/MRCI/admissions/UndergraduateAdmissions/UndergraduateAdmissionsPolicy/

For all other programmes which are not exempt from Rehabilitation of Offenders Act, new students will be asked at enrolment and registration if they have any spent or unspent convictions, or if they are under investigation for any such offences. This includes any criminal conviction acquired before being registered as a student at the University, or court proceedings and/or a criminal conviction whilst registered as a student at the University or during a period of leave of absence. A guide to relevant offences for these purposes is provided in Appendix 4 of the Undergraduate Admissions Policy 2020/2021, although you should note the list is not exhaustive and the criteria may be amended from time to time. Any changes however, will be communicated. No disclosure is usually required of motoring offences attracting fines/maximum 3 penalty points or 'spent' convictions under the Rehabilitation of Offenders Act 1974.

APPLICATIONS TO ST MARY'S UNIVERSITY COLLEGE AND STRANMILLIS UNIVERSITY COLLEGE

The Bachelor of Education (BEd) is taught at the recognised colleges of St Mary's University College and Stranmillis University College. The Colleges also offer other undergraduate degrees in Liberal Arts (St Mary's University College), Early Childhood Studies and Health and Leisure Studies (Stranmillis University College). Each College produces its own Prospectus to which you should refer. To obtain a Prospectus please contact:

St Mary's University College
Admissions Office
St Mary's University College
191 Falls Road
Belfast BT12 6FE

t: +44 (0)28 9032 7678
f: +44 (0)28 9033 3719
stmarys-belfast.ac.uk

The Admissions Policy for St Mary's University College can be found at:

smucb.ac.uk/admissions/admispolicy.asp?cid=132146167557

Applications for St Mary's University College should be submitted direct to the College.

Stranmillis University College
Academic Registry
Stranmillis University College
Stranmillis Road
Belfast BT9 5DY

t: +44 (0)28 9038 4263
f: +44 (0)28 9038 4444
stran.ac.uk

The Admissions Policy for Stranmillis University College can be found at: stran.ac.uk

Applications for Stranmillis University College should be submitted through UCAS (ucas.com/apply) in the normal manner.

CREDIT ACCUMULATION AND TRANSFER SCHEME (CATS)

The University operates a CATS scheme. Further information is available from:

Admissions and Access Service
Queen's University Belfast
Belfast BT7 1NN

t: +44 (0)28 9097 3838
f: +44 (0)28 9097 5151
e: admissions@qub.ac.uk
qub.ac.uk/ado

DECISIONS ON APPLICATIONS

Decisions on applications are made on an ongoing basis for most courses. However, there is currently a limit on places for NI and EU students (but not for GB or International students except in the professional health-related courses). Therefore, to ensure that applicants are treated fairly and equitably, decisions on some NI and EU applicants, for high demand courses, may not be made until we are aware of the overall competition for places, after the UCAS advisory closing date.

After an offer is made this will be notified to applicants through UCAS. Confirmation will be emailed by the Admissions and Access Service and this communication will also include Terms and Conditions (qub.ac.uk/Study/TermsandConditions) which applicants should read carefully in advance of replying to their offer(s) on UCAS Track.

Faculties/Schools will provide opportunities to visit and we hope that this will assist applicants to make decisions on the offers they have received, which are best for them. They will also receive further information to guide them through the next steps, at appropriate stages in the admissions cycle.

QUEEN'S UNDERGRADUATE ADMISSIONS POLICY

The University Admissions Policy provides additional information on a range of matters including feedback to unsuccessful applicants and the Admissions Appeals/Complaints Procedure. A copy may be accessed via the University's website at: qub.ac.uk/directorates/MRCI/admissions/UndergraduateAdmissions/UndergraduateAdmissionsPolicy

ADMISSIONS APPEALS AND COMPLAINTS PROCEDURE

Applicants who consider that their application has not been dealt with fairly should contact the Admissions and Access Service in the first instance (admissions@qub.ac.uk).

REGISTRATION

Applicants accepted for a degree must provide original documentary proof of their academic qualifications (and English language qualifications and/or certified English translations where appropriate). Photographic identification (passport or driving licence) will also be required for registration. International students will be required to provide passport and visa information. Details for enrolment and registration will be provided in the New Students Welcome Guide.

YOUR QUESTIONS ANSWERED

If you need further or more detailed advice about admission to Queen's, the Admissions and Access Service is happy to answer your questions. For further information, please contact:

Admissions and Access Service
Queen's University Belfast
Belfast BT7 1NN

t: +44 (0)28 9097 3838
f: +44 (0)28 9097 5151
e: admissions@qub.ac.uk
qub.ac.uk/ado

ACADEMIC TECHNOLOGY APPROVAL SCHEME – ATAS (NONEU/EEA/ SWITZERLAND APPLICANTS) – INTERNATIONAL SECTION

Academic Technology Approval Scheme – ATAS (NonEU/EEA/ Switzerland applicants)

Non-EU/EEA/Switzerland applicants who intend to undertake an Enhanced Undergraduate degree programme (MEng or MSci) in Science, Engineering or Technology disciplines including Materials Science, Materials Technology, Chemical, Process and Energy Engineering, Aerospace Engineering, Mechanical Engineering or Physics are required to obtain an ATAS Certificate. This is a requirement for most immigration categories, even those who do not require a Tier 4 visa, but who may have been granted another form of time-limited leave to remain, eg, as a dependant, family member, or refugee. The only exception is for applicants holding Indefinite Leave to Enter/Remain or other form of unlimited leave.

The Admissions and Access Service will issue the appropriate documentation required to allow applicants to apply for ATAS clearance where applicable. An ATAS certificate must be obtained before an application for a Tier 4 visa can be made, ie it will be a mandatory part of the immigration process.

An ATAS Certificate is valid for six months from the date of issue by the Foreign & Commonwealth Office. Applicants may apply for an ATAS Certificate up to six months in advance of the beginning of the degree programme. Further information is available at fco.gov.uk/atas

IMMIGRATION/VISA INFORMATION

If you are a national from a country which is outside the European Economic Area or Switzerland, you will need a Tier 4 (General) Student visa to study in the UK. See gov.uk/tier-4-general-visa for full details.



A-Z OF DEGREES

For up-to-date course information, please visit the University's online Course Finder: go.qub.ac.uk/coursefinder

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ACCOUNTING

Accounting is concerned with the provision of decision-useful economic information for both internal and external organisational stakeholders, through financial statements and budgeting. This degree is designed for students who intend to enter the accounting profession and as such contains considerable practical content, as well as essential theory and critical thinking skills, in the various specialisations of Financial Accounting, Management Accounting, Auditing, Taxation and Finance. During your studies, you will also have the opportunity to develop interpersonal skills including communication, leadership and team working, in order to lead people and manage change in organisations.

COURSE CONTENT

The Single Honours Accounting degree comprises compulsory modules together with optional modules available in the School.

The modules are:

Year 1

- Introductory Financial Accounting*
- Introductory Management Accounting*
- Accounting Information Systems*
- Introduction to Legal Study and Basic Contract Law*
- Economy, Society and Public Policy 1*
- Quantitative Methods

Year 2

- Financial Accounting*
- Management Accounting*
- Financial Decision-making*
- Financial Market Theory
- Managerial Behaviour

Optional Modules

- Accounting Practice
- Data Analysis and Optimisation
- Financial Modelling

Year 3

- Advanced Financial Accounting*
- Advanced Management Accounting*
- Auditing and Accountability
- Law of Business Organisations*
- Taxation*

Optional Modules

- Issues in Not-for-Profit and Public Sector Accounting
- Supply Chain Management
- Business Ethics

Note: students completing Accounting with either French or Spanish, complete Accounting based modules each year (indicated with an*) and complete one year-long language module.

WHY QUEEN'S?

Professional Exemptions

- Subject to satisfactory academic performance you will gain automatic exemptions from some professional chartered examinations on completion of the course. The Accounting degree is accredited by the Association of Chartered Certified Accountants (ACCA), the Chartered Institute of Management Accountants (CIMA), Chartered Accountants Ireland (CAI), Chartered Institute of Public Finance and Accountancy (CIPFA), The Association of International Accountants (AIA) and the Institute of Chartered Accountants England and Wales (ICAEW).

Industry Links

There is an emphasis on helping students improve their skills for employment. Accounting students take part in tailored employability and skills workshops, and business simulation games, where representatives from accountancy firms and professional bodies provide students with information on internships and graduate opportunities.

BSc Honours

- Accounting 3 yrs (N400)
- Accounting with French 4 yrs (N4R1)
- Accounting with Spanish 4 yrs (N4R4)

BSc Joint Honours

Economics and Accounting

See also Economics and Finance

Entrance Requirements

Accounting

A-level:

AAB + GCSE Mathematics grade B/6

Accounting with a Language

A-level:

AAB + GCSE Mathematics grade B/6

For French option: normally A-level French grade B or AS-level French grade B or GCSE French grade B/6 or evidence of linguistic ability in another language

For Spanish option: normally A-level Spanish grade B or AS-level Spanish grade B or GCSE Spanish grade B/6 or evidence of linguistic ability in another language

Note: if the language is studied at a higher level then the grade required at that level must be achieved.

Economics and Accounting – see Economics and Accounting entry

For students whose first language is not English

An IELTS score of 6.5 with a minimum of 5.5 in each test component or an equivalent acceptable qualification, details of which are available at: go.qub.ac.uk/EnglishLanguageReqs

World-Class Facilities

You will have access to Bloomberg terminals in the FinTrU Trading Room, giving students the skills, experience and knowledge necessary to prepare them for a career in the financial services sector.

Internationally Renowned Experts

Many of our staff are leading international experts in their fields of research and a significant number are qualified accountants with many years of professional experience.

Student Experience

The majority of the Accounting modules have prizes which are sponsored by employers or professional bodies. Students can join the Student Managed Fund, a student-run organisation which aims to educate its members on trading and investing through guest speakers, competitions and educational seminars. There is also the opportunity to apply to take part in the Business and Finance Study Tour, which allows participants to meet senior employees from leading financial institutions.

Students on the course will be given the opportunity to develop their financial modelling and data analytical skills.

CAREERS/FURTHER STUDY

The Accounting degree offers a firm base for either further academic study or taking the final examinations of the main professional accountancy bodies. It attracts students of the very highest calibre and is recognised by the accounting profession, industry and the public sector. As a result, Accounting graduates from Queen's are much sought after throughout Britain, Ireland and further afield.



Graduate Careers and Achievements

At Queen's, we aim to deliver a high quality learning environment that embeds intellectual curiosity, innovation and best practice in learning, teaching and student support to enable students to achieve their full academic potential.

Typical career destinations of graduates include:

- Financial accountant
- Management accountant
- Analyst
- Auditor
- Advisor
- Forensic accountant
- Researcher
- Financial controller
- Partner
- Banker

Graduate employers include: PwC; EY; KPMG; Deloitte; Grant Thornton; BDO; Moore Stephens; Baker Tilly Mooney Moore; Ulster Bank; Bank of Ireland

Further Study

Students can choose from a wide range of Master's programmes as well as a comprehensive list of research topics, as shown on the Queen's Management School Website.

“Having taught in several different universities, I can honestly say that the students on the Accounting degree at Queen's are the best students I have ever had the pleasure of teaching.”

Martin Kelly,
Programme Director

“In my experience detailed help and feedback is available to you when asked for from your lecturers, who are keen to promote your success and are often leading contributors to the academic field they teach.”

David Grant,
BSc Accounting Graduate

“The course has helped me enhance my CV, improve group work and presentation skills and allowed me to build up relationships with employers - all of which helped me begin my final year with multiple job offers.”

Ciara Woods,
BSc Accounting Graduate



**8TH IN THE UK FOR
ACCOUNTING AND FINANCE**
(Complete University Guide 2020)

Entrance requirements

e: admissions@qub.ac.uk
t: +44 (0)28 9097 3838

Course information

Dr Martin Kelly,
Programme Director, BSc Accounting
Queen's Management School

e: martin.kelly@qub.ac.uk
t: +44 (0)28 9097 4818
w: qub.ac.uk/mgt

ACTUARIAL SCIENCE AND RISK MANAGEMENT

The BSc Actuarial Science and Risk Management programme has been designed by qualified actuaries to enable students to develop the theoretical and practical skills required to pursue a career as an actuary in the pensions and insurance sectors, or in the wider financial industry.

In addition, students may gain up to six exemptions from the initial technical professional exams required to qualify as an actuary via our accreditation with the Institute and Faculty of Actuaries.

COURSE CONTENT

The duration of the BSc Actuarial Science and Risk Management degree is four years, with Year 3 spent in a salaried placement in an actuarial or risk management environment.

In each of Years 1, 2 and 4, the following modules are studied:

Year 1

- Actuarial Mathematics 1
- Financial Reporting and Analysis
- Introduction to Statistics and Operational Research
- Economy, Society and Public Policy 1
- Economy, Society and Public Policy 2
- Introduction to Statistics and Operational Research Methods

Year 2

- Actuarial Mathematics 2
- Actuarial Methods in General Insurance
- Financial Risk Modelling
- Investment Analysis
- Excel and Visual Basics for Applications (VBA)
- Principles of Actuarial Modelling

Year 3

- Placement Year

Year 4

- Actuarial Modelling
- Capital Markets
- Actuarial Econometrics and Data Science
- Financial Engineering
- Actuarial Applications
- Stochastic Processes for Finance

Students undertake a minimum nine-month, salaried work placement. Placement allows students to develop highly-valued

practical skills, as well as critical softer skills that employers value. Recent placement providers have included Scor, Pramerica, Spence and Partners, Milliman and the Government Actuaries Department (GAD).

WHY QUEEN'S?

Accreditation

Subject to academic performance, students can gain various exemptions from the Institute and Faculty of Actuaries (IFoA) professional exams.

City Scholarships

Students can apply for the popular City Scholarship Programme, which would allow them to spend a week working for a leading financial company in London at the end of their first year.

Student Societies

Students may wish to join the Student Managed Fund, a student-run organisation which aims to educate its members on trading and investing through guest speakers, competitions and educational seminars. It manages a £30,000 real money portfolio, giving students the opportunity to be part of an investment management process. The Finance & Actuary Society runs social and educational events for members, such as the end-of-year formal.

Software

Students on the course will be given the opportunity to develop their modelling skills and will use software such as Model Risk and the Bloomberg terminals in the FinTrU Trading Room.

BSc Honours

Actuarial Science and Risk Management 4-yr SW (N323)

See also Finance and Mathematics with Finance

Entrance Requirements

A-level:

A*AA including Mathematics

OR

AAA + A (AS) including A-level Mathematics

For students whose first language is not English

An IELTS score of 6.5 with a minimum of 5.5 in each test component or an equivalent acceptable qualification, details of which are available at: go.qub.ac.uk/EnglishLanguageReqs

Prizes and Awards

A number of local employers and professional bodies sponsor prizes on an annual basis for best students in their level, module or category. These include Invesco, The Company of Actuaries Charitable Trust Fund, Kerr Henderson, SCOR Global Life, Mercer, Pramerica, Spence and Partners, Acumen Resources, XPS, and Allianz Re Dublin.

CAREERS/FURTHER STUDY

Students pursuing a career in Actuarial Science should enjoy working with numbers, be effective communicators and work well with people as they will have to analyse and interpret financial and other information to meet the needs of different users, including managers and investors.

• Consultations

We regularly consult and develop links with a large number of employers including all the major actuarial employers in Northern Ireland and Ireland and a selection of employers from Great Britain. We host employer liaison meetings for the course as well as annual actuarial careers fairs at which students can engage with actuarial employers on a one-to-one basis.

The establishment of SoNIA (Society of Northern Ireland Actuaries) by staff in Queen's Management School has facilitated a continuous and seamless engagement between academics, actuarial employers and Queen's students whereby students can gain access to the profession. They have an opportunity to discuss issues that are concerning the industry and that are of importance to qualified actuaries. Students can also develop excellent networking, communication, and business awareness skills from the start to end of their academic progression ensuring that they can fully compete in the competitive graduate employment market.

Placement Employers

Recent placement providers have included Aviva, Irish Life, Kerr Henderson, Spence & Partners, SCOR Global Life, The Pension Protection Fund and Pramerica.

Graduate Careers and Achievements

The degree has professional accreditation with the Institute and Faculty of Actuaries, the professional body, such that students succeeding on the degree can also achieve exemptions from the initial technical

exams (previously CT1-CT8), subject to certain conditions being met.

Graduates from this degree at Queen's are well regarded by many employers (local, national and international) with approximately 90-95 per cent of graduates finding high-level actuarial employment within several months of graduation. Furthermore, several students are offered full-time positions with their placement provider.

The traditional areas in which actuaries are employed include:

- Actuarial Consultancies
- Insurance Industry
- Pensions Industry
- Investment Industry
- Life and Non-Life Insurance Industries

Graduate employers include: Kerr Henderson, Spence & Partners, Irish Life, Invesco, Boal & Co, Willis Towers Watson, Allianz Insurance, Mercer, AXA Insurance, Deloitte, Capita, Liberty Mutual Insurance, PwC, Pramerica, MetLife, XPS.

Further Study

Students can choose from a wide range of Master's programmes as well as a comprehensive list of research topics, as shown on the Queen's Management School website.

Queen's Management School is committed to the continuous improvement and enhancement of all of its degree programmes. New modules may be developed and included to replace or enhance those which are mentioned here.

"The course is widely regarded and respected, and has opened many doors personally in relation to 'Insight' visits in Belfast, Glasgow, Edinburgh and London."

Samuel Stewart, Northern Ireland BSc Actuarial Science and Risk Management Graduate



"During my third year, I was on a placement with Allianz Re Dublin Limited, working as a student actuary. Through the placement, I not only learnt some technical skills such as VBA coding, analytical reasoning and problem solving, it also gave me opportunities to gain an insight of an actuary's job scopes and responsibility."

Jo Khoon Loh, Malaysia BSc Actuarial Science and Risk Management Graduate

Entrance requirements

e: admissions@qub.ac.uk
t: +44 (0)28 9097 3838

Course information

Neil McConville,
Programme Director
Queen's Management School

e: n.mcconville@qub.ac.uk
t: +44 (0)28 9097 4817
w: qub.ac.uk/mgt

AEROSPACE ENGINEERING

Aerospace Engineering is at the cutting edge of technology, understanding and applying scientific principles to the design, development and service of some of the most technologically advanced engineering products in the world, ranging from commercial aeroplanes and helicopters to spacecraft and Unmanned Aerial Vehicles.

With the ability to succeed in diverse and challenging situations, aerospace engineers are naturally versatile, opening up a wide range of career opportunities, and our graduates can be found in leading private and public sector companies worldwide.

COURSE CONTENT

The BEng degree provides a solid foundation in all the basic engineering technologies required by an aerospace engineer in the development of the next generation of aerospace products. The MEng extends study to in-depth specialist topics, with the aim of producing future engineering leaders.

Stage 1

- Introduction to Aerospace Engineering
- Laboratory Programme 1
- Mathematics 1
- Mechanics of Materials 1
- Thermo and Fluid Mechanics 1
- Dynamic Systems 1
- Engineering Design 1

Stage 2

Compulsory

- Professional Studies 2
- Compressible Flow and Propulsion 2
- Aircraft Structures 2
- Manufacturing Technology 2
- Maths and Computing 2
- Aircraft Design 2
- Aircraft Aerodynamics & Performance 2

Optional

- Employability 2

Stage 3

- Avionic Systems 3
- Professional Studies 3
- Project 3B
- Aeronautical Engineering 3
- Computer-Aided Engineering 3
- Manufacturing 3

Stage 4

- Aerodynamics 4
- Mechanics of Aerospace Materials 4
- Computer-Aided-Engineering 4
- Manufacturing Automation & Simulation 4
- Project 4

WHY QUEEN'S?

Accreditation/Registration

Our BEng/MEng degrees are accredited by the Royal Aeronautical Society.

World Class Facilities

The School has a wide range of experimental facilities to support aerodynamics, structures, materials and manufacturing teaching. It also operates a flight simulator and runs an annual flight laboratory course.

Placement/Study Abroad

Past students have gained placements with global organisations such as Airbus, BAE Systems, Red Bull Technology and Rolls Royce. There are opportunities to work/study abroad through the IAESTE, Erasmus and Study USA exchange programmes.

Leadership Programme

Students have the opportunity to gain a place on the Engineering Leadership Programme and a range of Employability Development workshops.

CAREERS/FURTHER STUDY

A degree in Aerospace Engineering from Queen's will assist you in developing the core skills and employment-related experiences that are valued by employers, professional organisations and academic institutions alike.

BEng Honours

Aerospace Engineering 3 yrs (H400)

Aerospace Engineering with a Year in Industry 4-yr SW (H404)

MEng Honours

Aerospace Engineering 4 yrs (H402)

Aerospace Engineering with a Year in Industry 5-yr SW (H405)

See also Mechanical Engineering and Product Design Engineering

Entrance Requirements

BEng

A-level:

ABB including Mathematics and at least one from Physics (preferred), Biology, Chemistry, Further Mathematics, Technology and Design or Double Award Life & Health Sciences.

BTEC Extended Diploma:

A relevant BTEC Extended Diploma with 120 credits at Distinction and 60 credits at Merit. Distinctions will be required in stipulated relevant units.

Note: applicants not offering Physics at A-level should have a minimum of a grade C/4 in GCSE Physics or GCSE Double Award Science grades CC/44.

BTEC Higher National Diploma:

Those with good grades in a relevant Higher National Diploma will be considered on their individual merits for entry to Stage 2.

MEng

A-level:

AAA including Mathematics and at least one from Physics (preferred), Biology, Chemistry or Further Mathematics.

Note: applicants not offering Physics at A-level should have a minimum of a grade B/6 in GCSE Physics or GCSE Double Award Science grades BB/66.

Note: applicants for the MEng degree will automatically be considered for admission to the BEng degree if they are not eligible for entry to the MEng degree both at initial offer making stage and when results are received.

Option to Transfer: transfers between BEng and MEng may be possible at the end of Stage 2.

For students whose first language is not English

An IELTS score of 6.0 with a minimum of 5.5 in each test component or an equivalent acceptable qualification, details of which are available at:

go.qub.ac.uk/EnglishLanguageReqs

Our graduates are well regarded by many employers (local, national and international) and the versatility of Aerospace Engineering graduates makes them well suited for a wide range of future careers, both within engineering and in the wider graduate sector.

Although the majority of our graduates are interested in pursuing careers in Engineering, significant numbers develop careers in a wide range of other sectors.

The average starting salary for graduates from this school is £24,545.

Close links with employers

Queen's University Belfast has strong links with both the local and international aerospace community, and we participate in regular consultations with local aerospace and wider engineering employers, including Bombardier, Rolls Royce, Thales Air Defence, Rockwell Collins, and FG Wilson.

Placement Employers

Our past students have also gained work placement with organisations such as:

- Rolls Royce
- Airbus UK
- Bombardier
- BAE Systems
- FlyBE
- Rockwell Collins

Further Study Opportunities

Further study is also an option – graduates can choose from a wide range of Master's programmes as well as a comprehensive list of research topics; see the School website for further information.

Queen's is ranked 17th in the UK for Aeronautical and Manufacturing Engineering.

(Complete University Guide 2020)



“Queen's Aerospace Engineering degree opened doors I never imagined. It was exciting, challenging and rewarding. The quality of the teaching is incomparable and the facilities and resources are exceptional.”

Robbie Stevens, Hollywood, Northern Ireland
MEng Aerospace Engineering graduate

Entrance requirements
e: admissions@qub.ac.uk
t: +44 (0)28 9097 3838

Course information
Dr Marco Geron, Programme Director for Aerospace Engineering
School of Mechanical and Aerospace Engineering

e: mech.aero@qub.ac.uk
t: +44 (0)28 9097 4147
w: qub.ac.uk/marcogeron

AGRICULTURAL TECHNOLOGY

The agricultural industry is undergoing an unprecedented period of change. Traditional reliance on production is being challenged through changes in government policy at local, national, European and global levels, as well as changes in consumer demand.

Agricultural production now requires an understanding of these demands and other concerns regarding food quality and safety and the environmental impact of production methods in the short, medium and long term.

COURSE CONTENT

The degree has been developed in consultation with employers, industry and academics, to offer students a combined curriculum of formal education and practical experience, which is designed to enhance employability and graduate skills.

The Agricultural Technology degree programmes are provided jointly by the School of Biological Sciences and the College of Agriculture, Food and Rural Enterprise (Greenmount Campus, Antrim).

Stages 1 and 2 are mainly delivered at Greenmount Campus, where students are involved in the work and management of specific agricultural enterprises. Professional Studies students spend their third year on placement, and Stage 3 is mainly delivered at Queen's University Belfast.

Stage 1

- Applied Animal Science
- Applied Crop Science
- Enterprise Technology
- Introduction to Business and Research Methods
- Mechanisation and Farm Buildings

Stage 2

- Agri-food Business Marketing and Management
- Crop Production Systems
- Livestock Production and Management
- Sustainable Agriculture

Stage 3

- Advances in Crop and Animal Science, and Technology
- Business Innovation and Entrepreneurship
- Farm Animal Health and Welfare
- Global Issues in Agriculture
- Policies for Environmental Sustainability
- Project Work

Work Placement

- Agricultural Technology students will complete a 16-week, degree-related work placement
- Agricultural Technology with Professional Studies students will complete a one-year, degree-related work placement

WHY QUEEN'S?

Employability

The degree has been developed in consultation with employers, industry and academics, to offer students a combined curriculum of formal education and practical experience, which is designed to enhance employability and graduate skills.

World Class Facilities

A unique feature of this degree is the opportunity for students to take responsibility for the operation and management of a College farm enterprise, allowing immediate practical application of knowledge.

Work Placement

Embedded work placements on this degree programme provide students with the opportunity to utilise the practical skills gained during the teaching of their degree and apply these in a work environment.

BSc Honours

Agricultural Technology 3 yrs (D473)

Agricultural Technology with Professional Studies 4-yrs SW (D470)

Entrance requirements

A-level

BBB including at least two relevant subjects (see list below) + GCSE Mathematics grade C/4

OR

ABB including a relevant subject (see list below) + GCSE Mathematics grade C/4.

Note: applicants not offering either Biology or Chemistry at A-level should have GCSE Chemistry grade C/4 or GCSE Double Award Science grades CC/44.

Relevant Subjects:

Agricultural Science, Biology, Chemistry, Computer Science, Digital Technology, Environmental Science/Technology, Geography, Geology, Home Economics, ICT, Life and Health Sciences, Mathematics, Physics, Physical Education, Psychology, Technology and Design. Other subjects considered on an individual basis.

BTEC Extended Diploma:

A relevant Agriculture/Science BTEC Extended Diploma with 100 credits at Distinction and 80 credits at Merit + GCSE Chemistry grade C/4 or GCSE Double Award Science grades CC/44 + GCSE Mathematics grade C/4.

For students whose first language is not English

An IELTS score of 6.5 with a minimum of 5.5 in each test component or an equivalent acceptable qualification, details of which are available at: go.qub.ac.uk/EnglishLanguageReqs

Past students have gained work placement with organisations such as the Agri-Food and Biosciences Institute, Countryside Services, Dale Farm, Fane Valley, John Thompson and Sons, Monaghan Mushrooms, Moy Park, and Millridge Ltd and Tamar Farming Co. (both in New Zealand).

CAREERS/FURTHER STUDY

Studying a degree in Agricultural Technology provides a wide range of graduate opportunities for students interested in the agricultural, agri-environmental and related industries.

The majority of our graduates will seek careers in the agricultural, agri-environment or agri-food sectors, in roles including; marketing/sales, production and management, technical advice, and research and development in commercial companies.

Employer Links

This programme was developed after extensive consultation with government bodies, major farming organisations, the food processing sector, farmers and conservation organisations, and the curriculum reflects these consultations. This close industry involvement has continued. The initial years of this programme were overviewed by an industry group representing LANTRA, AFBI, DARD (now DAERA) and the UFU. Industry representatives play a significant role in the operation of student learning projects where they use their expertise to guide students running major college enterprises.

Students organise an industry symposium as part of final year, providing opportunities to engage with key stakeholders within the local industry. In addition, major employers such as Dunbia, Moy Park and John Thompson and Sons have contributed competitive bursaries to support students on these degrees.

Placement Employers

The work placement is compulsory and is assessed as an integral component of the degree programme, contributing five per cent (three-year programme) and 10 per cent (four-year programme) to the final degree classification. Students are supported in obtaining work placement through a series of workshops and by a dedicated School Work Placement and Careers Adviser. We work repeatedly with a number of employers and students can also propose their own placement.

Further Study

Further study is also an option – development of research skills in final year through project work means that graduates are also well equipped for postgraduate study for PhDs, and can choose from a wide range of Master's programmes, including those in Animal Behaviour and Welfare and Leadership for Sustainable (Rural) Development offered through the School of Biological Sciences.



“Agriculture is a passion of mine and I felt that this degree offered excellent job prospects. I am really enjoying the course – it's relevant, and interests me, which is a help when it comes to learning. For my work placement I hope to go into the genetics side of arming, as I have a keen interest in this from running a pedigree herd at home. For this I hope to either go to America or New Zealand.”

Robert Patterson,
BSc Agricultural Technology

Entrance requirements

e: admissions@qub.ac.uk
t: +44 (0)28 9097 3838

Course information

Dr Niamh O'Connell
Course Co-ordinator
School of Biological Sciences

e: biosciences-ug@qub.ac.uk
t: +44 (0)28 9097 5786
w: qub.ac.uk/bb

ANTHROPOLOGY

Anthropology is the study of human diversity around the world. In studying anthropology, you will learn how different societies live together and think about such topics as family, sex, religion, art, and economics and gain skills increasingly in demand in a globalized and automated world.

Through classroom modules, optional placements, performance ensembles and your own anthropological fieldwork, you will also gain valuable skills in critical thinking, cross-cultural understanding, researching, interviewing, writing and presenting

COURSE CONTENT

The BA in Anthropology is constructed around four innovative, engaged themes:

1. What Makes Us Human?

Modules may include: Being Human: Evolution, Culture and Society; World on the Move; How Society Works.

2. Conflict, Peacebuilding and Identity

Modules may include: Us & Them: Why We Have Ingroups and Outgroups; Why Are Humans Violent? Understanding Violence, Conflict, and Trauma; Migration, Mobilities and Borders.

3. Arts, Creativity and Music

Modules may include: Being Creative: Music, Media and the Arts; Radical Musics: Understanding Sounds of Defiance across Disciplines.

4. Morality, Religion and Cognition

Modules may include: Apocalypse!: The End of the World; In Gods We Trust: The New Science of Religion; Human Morality; Love, Hate, and Beyond.

Note: that this is not an exclusive list and these options are subject to staff availability.

WHY QUEEN'S?

Global Opportunities

As part of their dissertation study in years 2 and 3, students have carried out ethnographic field research around the world, including on orphanages in Kenya, AIDS in southern Africa, education in Ghana, dance in India, NGOs in Guatemala, music in China, marriage in Japan, backpacking in Europe, and whale-watching in Hawaii.

Students have the opportunity to use practice-based research skills during eight weeks of ethnographic fieldwork in areas of their specialisation, which can entail working with organisations around the globe.

World-Class Facilities

The Performance Room includes a variety of musical instruments from around the world, a collection that has grown since the 1970s when Ethnomusicology was first established as an International Centre at Queen's by the late Professor John Blacking. These instruments, together with the sprung performance room floor, facilitate music and dance ensembles, enabling our unit to remain one of the leading departments in Ethnomusicology.

- The Senator George J. Mitchell Institute for Global Peace, Security and Justice
- Institute of Cognition and Culture
- Institute of Irish Studies
- Two International Summer schools (Irish Studies Summer School; and Conflict Transformation and Social Justice Summer School)

Internationally Renowned Experts

Anthropology at Queen's has international renown in the following areas:

- Ethnomusicology and performance
- Conflict and borders
- Religion
- Cognition and culture
- Migration and diasporas
- Irish studies
- Material culture and art
- Human-animal relations
- The cross-cultural study of emotions

BA Single Honours

Anthropology 3 yrs (L600)

BA Joint Honours

Anthropology and English 3 yrs (QL36)

Anthropology and French 4 yrs (RL16)

Anthropology and History 3 yrs (VL16)

Anthropology and Irish 3 yrs (QL56)

Anthropology and Spanish 4 yrs (LR64)

Entrance Requirements

A-level:

ABB

All applicants:

There are no specific subject requirements to study Anthropology. However, if you plan to study Anthropology as a Joint Honours degree you should refer to the subject requirements for the other course.

For students whose first language is not English

An IELTS score of 6.5 with a minimum of 5.5 in each test component or an equivalent acceptable qualification, details of which are available at: go.qub.ac.uk/EnglishLanguageReqs

In the Research Excellence Framework of 2014, Anthropology at Queen's was ranked first in the UK in terms of research impact with 100% 4*, indicating that the research by our staff has had a significant impact on life outside the academy.

Student Experience

Queen's Anthropology received very high scores in the 2016 National Student Survey and was ranked 3rd in the UK according to the 2018 Guardian University Guide.

CAREERS/FURTHER STUDY

Career pathways typically lead to employment in:

- Development, NGO work, International Policy, Public Sector
- Journalism, Human Rights, Conflict Resolution, Community Work
- Arts Administration, Creative Cultural Industries, Media, Performance, Heritage Policy, Museums, Tourism
- Public and Private Sector related to Religious Negotiation, Peace Building, Multiculturalism, Diversity
- Teaching in schools
- Academic Teaching and Research



ANTHROPOLOGY AT QUEEN'S IS RANKED 7TH IN THE UK
(Guardian University Guide 2020)

Entrance requirements

e: admissions@qub.ac.uk
t: +44 (0)28 9097 3838

Course information

School of History, Anthropology, Philosophy and Politics

e: happ@qub.ac.uk
t: +44 (0)28 9097 5028
w: qub.ac.uk/happ

Internships will match dissertation students with organisations and institutions relevant to their career paths by building on local and international staff networks and professional connections.

CURRENT PLACEMENT PARTNERS INCLUDE:

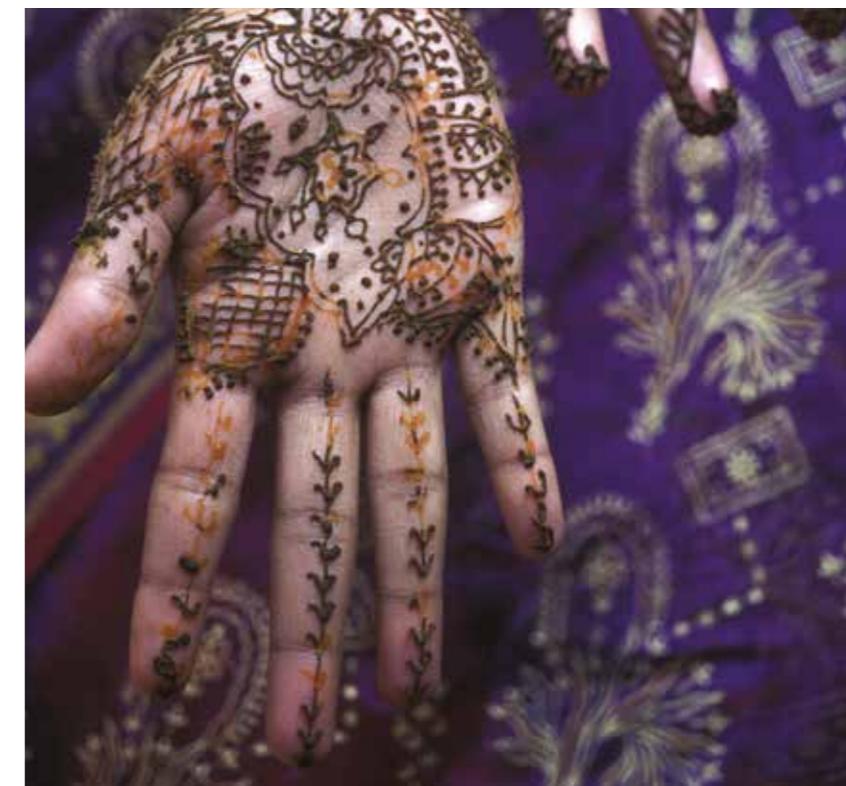
- Operation Wallacea, which works with teams of ecologists, scientists and academics on a variety of bio-geographical projects around the globe.
- Belfast Migration Centre, which offers students of the module 'Migration, Displacement and Diasporas' internship opportunities in their 'Belonging Project'.

Further Study

Further study is also an option (e.g. MA Anthropology, MA Conflict Transformation and Social Justice); see the School website for details.

"The fieldwork and dissertation have been central to my experience as a Anthropology student. While I am sure it will stand me in good stead in my future search for employment, its central value was as a practice which revealed what Anthropology is really about; through fieldwork, the abstract and theoretical concepts which we had absorbed in two years previous study became immediate and concrete; the subject came alive. Observing and analysing patterns of human action and thought, and later attempting to relay any inferred information (in the form of a dissertation) was a stimulating and challenging process, which seemed to me to be of value in and of itself."

Samuel Ward
BA Anthropology Graduate



ANTHROPOLOGY AND HISTORY

Anthropology is the study of human diversity around the world. In studying anthropology, you will learn how different societies live together and think about such topics as family, sex, religion, art, and economics and gain skills increasingly in demand in a globalized and automated world.

Studying anthropology at Queen's will allow you to examine some of the deepest and most pressing questions about human beings. Issues addressed in our modules include:

- Does globalisation mean the end of cultural difference?
- Can a post-conflict society heal?
- How do ritual traditions, musical performances, and art shape cultural identities?
- How do some people become willing to die for a group?

Through classroom modules, optional placements, and your own anthropological fieldwork, you will also gain valuable skills in critical thinking, cross-cultural understanding, researching, interviewing, writing and presenting.

History at Queen's offers students a wide choice of modules. Courses span a long chronological period from Ancient History through to Contemporary History of the late twentieth century. The School has specialists in ancient, medieval, early modern and modern history. The modules on offer to undergraduates also cover a wide geographical area that includes: Ireland, England, Scotland, Europe, Africa, Asia and North America. Students can choose modules that focus on gender, social and cultural history, colonial history, politics, religious and economic change.

COURSE CONTENT

The Joint Honours Anthropology and History degree comprises compulsory modules together with optional modules. Students will choose three modules from each subject totalling six modules for the year.

Year 1

Modules at Level 1 offer a systematic introduction to the discipline of History, partly by sampling some of the many different approaches that historians take in studying the past, and partly by an exploration of some of the major questions of theory and method with which they are concerned.

Year 2

Modules at Level 2 are generally survey modules seeking to convey a sense of the principal events, trends and developments in a particular country or region over a fairly long time span.

Examples include:

- The making of contemporary Britain: 1914 to present
- Europe between the Wars, 1919-1939
- Life, Love and Death in England and Ireland, C.1350-1650
- Apocalypse! The end of the World
- The American South, 1619-1865

BA Joint Honours

Anthropology and History 3 yrs (VL16)

See also History, History and International Relations, History and Politics

Entrance Requirements

A-level:

ABB

All applicants:

There are no specific subject requirements to study Anthropology and History

For students whose first language is not English

An IELTS score of 6.5 with a minimum of 5.5 in each test component or an equivalent acceptable qualification, details of which are available at: go.qub.ac.uk/EnglishLanguageReqs

Year 3

Taught modules at Level 3 are more specialised, offering the opportunity to study a short period or a particular theme or problem in detail, working from documents as well as secondary sources.

Examples include:

- After Slavery: Race and Labour Society and Politics in Belfast, 1780-1914
- The Rise of Christianity
- The Peasants' Revolt 1381
- The Irish Revolution, 1817-1921

In addition, Joint Honours students at Level 3 may choose to complete a double module dissertation based on an individually assigned research topic chosen in consultation with a supervisor.

ANTHROPOLOGY

The modules in Anthropology are constructed around four innovative, engaged themes:

1. What Makes Us Human?

Modules may include: Being Human: Evolution, Culture and Society; World on the Move; How Society Works.

2. Conflict, Peacebuilding and Identity

Modules may include: Us & Them: Why We Have Ingroups and Outgroups; Why Are Humans Violent? Understanding Violence, Conflict, and Trauma; Migration, Mobilities and Borders.

3. Arts, Creativity and Music

Modules may include: Being Creative: Music, Media and the Arts; Radical Musics: Understanding Sounds of Defiance across Disciplines.

4. Morality, Religion and Cognition

Modules may include: Apocalypse!: The End of the World; In Gods We Trust: The New Science of Religion; Human Morality; Love, Hate, and Beyond.

As part of their dissertation study in years 2 and 3, undergraduate Anthropology students have carried out ethnographic field research around the world.

Note: that this is not an exclusive list and these options are subject to staff availability.

WHY QUEEN'S?

Global Opportunities

Undergraduate anthropology students, as part of their training, have carried out ethnographic field research around the world. Projects have focused on orphanages in Kenya; AIDS in southern Africa, education in Ghana; dance in India, NGOs in Guatemala, music in China, marriage in Japan, backpacking in Europe, and whale-watching in Hawaii.

In addition, through the different stages of the dissertation module (preparation and research design, fieldwork itself, and post-fieldwork writing-up), students develop a range of skills (organizational skills, interpersonal skills, information-handling skills, and project management skills) that prepare them for later employment. Many of our students work with NGOs and other organisations as part of their fieldwork.

Study Abroad

All students within this degree programme will have the possibility of opting to study for a semester abroad in their third year at an English-speaking university in mainland Europe. There is also a possibility for some to spend an additional year in the United States under the Study USA programme.

Industry Links

A growing number of Internship opportunities will match dissertation students with organisations and institutions relevant to their career paths by building on local and international staff networks and professional connections.

Professional Opportunities

As part of undergraduate training, students have the opportunity to use practice-based research skills during eight weeks of ethnographic fieldwork in areas of their specialisation, which can entail working with organisations around the globe.

CAREERS/FURTHER STUDY

Skills to enhance employability

Studying for an Anthropology degree at Queen's will assist you in developing the core skills and employment-related experiences that are increasingly valued by employers, professional organisations and academic institutions. Through classroom modules, optional placements and your own anthropological fieldwork, you will

gain valuable skills in critical thinking, cross-cultural understanding, researching, interviewing, writing and presenting.

Employment

The following is a list of the major career sectors that have attracted our graduates in recent years:

- Development, NGO work, International Policy, Public Sector
- Journalism, Human Rights, Conflict Resolution, Community Work
- Arts Administration, Accountancy, Creative Industries, Media, Performance, Heritage, Museums, Tourism
- Public and Private Sector related to Religious Negotiation, Multiculturalism/Diversity
- Teaching in schools

Further Study

Further study is also an option (e.g. MA Anthropology, MA History, MA Conflict Transformation and Social Justice); see the School website for details.

“Doing an Anthropology dissertation is great for allowing you to use your own creativity and actually apply your knowledge rather than simply learning from others. It is a fantastic way of building confidence for any future career as it gives you the opportunity to expand on something independently and looks great on the CV!”

Genevieve Bigger
BA Anthropology Graduate

Entrance requirements

e: admissions@qub.ac.uk
t: +44 (0)28 9097 3838

Course information

School of History, Anthropology, Philosophy and Politics

e: happ@qub.ac.uk
t: +44 (0)28 9097 5028
w: qub.ac.uk/happ

ARCHAEOLOGY AND PALAEOECOLOGY

Archaeology explores a wide range of evidence that documents the human past – from artefacts, monuments and settlements to entire landscapes – and from these interprets how societies have adapted and developed. Modules focus on different periods of World, European and Irish/British archaeology, from human origins to modern times and heritage.

Palaeoecology studies environmental evidence to assess the impact of natural events and human activities on landscapes, climate and changing environments. Modules examine themes such as ancient environments, evolution, economic and climate change.

The combined disciplines progressively develop general and specific knowledge and skills, through excavation, fieldwork, overseas fieldtrips, laboratory and practical work.

COURSE CONTENT

All students normally take six courses per stage (a stage equals one academic year of full-time study), each covering a distinct theme. Single Honours students normally take at least five Archaeology/Palaeoecology courses. Students on Joint Honours degree programmes normally take three Archaeology/Palaeoecology courses, in addition to three courses from their second subject.

Level 1

Themes covered in Stage 1 include an introduction to world archaeology and to archaeological fieldwork techniques, as well as the relationship between past human societies and their natural environment, and in particular the long-term impact of environmental change on humans.

Optional courses at Stage 1 explore, amongst other themes, European prehistory and the historic archaeology of Europe.

Level 2

At Stage 2, students explore in more detail the themes introduced at Stage 1 and develop both their theoretical background knowledge and their practical skills, with some scope for specialisation. In particular, Stage 2 courses provide competencies and concepts

necessary for the dissertation that is normally taken at Stage 3, and for future employment in Archaeology and Palaeoecology as well as a wide range of other fields.

Optional courses at Stage 2 focus on the archaeology of Ireland and of other specific geographical areas, as well as on archaeological and geospatial techniques.

Level 3

At Stage 3, students dedicate a substantial part of their time to their chosen dissertation project, building on the knowledge and skills they have acquired through Stages 1 and 2.

Level 4

In the MSci, Level 4 modules enable students to gain practical experience in digital heritage and field techniques.

WHY QUEEN'S?

Facilities

The School boasts the internationally renowned 14CHRONO Centre for Radiocarbon Dating, the Centre for Archaeological Fieldwork, departmental collections and laboratories for study of artefacts, human, animal and plant remains and other scientific materials and instruments, access to GIS, laser scanning and specialist teaching laboratories.

BA Single Honours

Archaeology 3 yrs (V402)
Archaeology with French 4 yrs (V4R1)
Archaeology with Portuguese 4 yrs (V4R5)
Archaeology with Spanish 4 yrs (V4R4)

BA Joint Honours

Archaeology and History 3 yrs (VV41)
Archaeology and Irish 3 yrs (VQ45)

BSc Single Honours

Archaeology-Palaeoecology 3 yrs (V400)

BSc Joint Honours

Archaeology-Palaeoecology and Geography 3 yrs (VF48)

MSci Honours

Archaeology 4 yrs (V403)

Entrance Requirements

BA Honours

A-level:

ABB including Irish for Joint Honours with Irish. BBB for all other options.

BSc Honours

A-level:

BBB + GCSE Mathematics grade C/4

BSc Joint Honours

A-level:

ABB normally including A-level Geography + GCSE Mathematics grade C/4

MSci Honours

A-level:

AAB + GCSE Mathematics grade C/4

Note: MSci applicants will automatically be considered for admission to the BSc if they are not eligible for entry to the MSci, both at initial offer-making stage and when results are received.

All applicants:

There are no specific subject requirements to study Archaeology and Palaeoecology, although subjects as diverse as Art, Physics, Biology, Geography, Geology, Classical Civilisation, History, Chemistry, Mathematics or Languages have all been helpful in the past.

Note: students intending to study Archaeology with another subject should also refer to the subject requirements for the other course.

For students whose first language is not English

An IELTS score of 6.5 with a minimum of 5.5 in each test component or an equivalent acceptable qualification, details of which are available at: go.qub.ac.uk/EnglishLanguageReqs

The Archaeology programme at Queen's is 1st for student satisfaction.

(Complete University Guide 2020)

CAREERS/FURTHER STUDY

The combined disciplines progressively develop general and specific knowledge and skills, through excavation, fieldwork, overseas fieldtrips, laboratory and practical work. A wide range of career options are available to our graduates including careers in commercial archaeology, survey, heritage management and many more, both within and beyond the heritage sector.

We regularly consult and develop links with a large number of employers including, for example, the Historic Environment Division at the Department for Communities, National Trust, Ulster Wildlife Trust, who provide both snapshot advice on their work, as well as run more in-depth advice sessions, the latter often at taught Masters level. We also run a careers seminar programme with guest speaker

employers and further-study coordinators (teacher training, Masters and PhD degrees).

We benefit greatly from housing the Centre for Archaeological Fieldwork in the School. This self-funded private unit obtains commercial work from the Department for Communities, the police and civil engineering companies, thus exposing students to employers, but also providing the teaching with information on what the current employment market requires from Archaeology and Palaeoecology graduates.,

Further Study

Further study is also an option – graduates can choose from a range of Master's programmes as well as a comprehensive list of research topics; see the School website for further information.



Archaeology at Queen's is 1st for student experience

(Times and Sunday Times Good University Guide 2020)

Entrance requirements

e: admissions@qub.ac.uk
t: +44 (0)28 9097 3838

Course information

School Office
School of Natural and Built Environment

e: snbe@qub.ac.uk
t: +44 (0)28 9097 3350 / 3829
w: qub.ac.uk/schools/NBE

ARCHAEOLOGY AND HISTORY

Archaeology explores a wide range of evidence that documents the human past – from artefacts, monuments and settlements to entire landscapes – and from these interprets how societies have adapted and developed. Modules focus on different periods of World, European and Irish/British archaeology, from human origins to modern times and heritage. Queen's University Belfast is one of the best places to study Archaeology in the UK, scoring first place for student experience in the Times and Sunday Times Good University Guide 2020 and first place for student satisfaction in the Complete University Guide 2020.

History at Queen's offers students a wide choice of modules. Courses span a long chronological period from Ancient History through to the Contemporary History of the late twentieth century. The modules on offer also cover a wide geographical area that includes Ireland, England, Scotland, Europe, Africa, Asia and North America. Students can choose modules that focus on gender, social and cultural history, colonial history, politics, religious and economic change.

The combined disciplines progressively develop general and specific knowledge and skills, through excavation, fieldwork, overseas fieldtrips, laboratory and practical work. A wide range of career options are available to our graduates including careers in commercial archaeology, survey, heritage management and many more, both within and beyond the heritage sector.

COURSE CONTENT

All students normally take six courses per stage (a stage equals one academic year of full-time study), each covering a distinct theme. Single Honours students normally take at least five Archaeology/Palaeoecology courses. Students on Joint Honours degree programmes normally take three Archaeology Palaeoecology courses, in addition to three courses from their second subject.

At the end of Level 3, students with very good performance have the opportunity to switch to our undergraduate Masters programme (MSci). In the MSci, Level 4 courses enable students to deepen their theoretical knowledge, to gain additional practical experience and further to broaden their skills base.

Note: some modules may be subject to change

Level 1

Themes covered in Level 1 include an introduction to world archaeology and to exploring history.

Optional courses at Level 1 explore, amongst other themes, the relationship between history and historians, European prehistory, archaeological fieldwork techniques and the historic archaeology of Europe.

Level 2

At Level 2, students explore in more detail the themes introduced at Stage 1 and develop both their theoretical background knowledge and their practical skills, with some scope for specialisation. In particular, Stage 2 courses provide competencies and concepts necessary for the dissertation that is normally taken at Level 3, and for future employment in Archaeology, History and a wide range of other fields.

BA Joint Honours

Archaeology and History 3 yrs (VV41)

Entrance Requirements

BA Honours

A-level:

BBB

All applicants:

There are no specific subject requirements to study Archaeology and History.

For students whose first language is not English

An IELTS score of 6.5 with a minimum of 5.5 in each test component or an equivalent acceptable qualification, details of which are available at: go.qub.ac.uk/EnglishLanguageReqs

Optional courses at Stage 2 are generally survey modules seeking to convey a sense of the principal events, trends and developments in a particular region over a fairly long time span, including Ireland from prehistory to the 20th century, the Ancient World, Europe during the Middle Ages, and the Americas.

Level 3

At Level 3, students dedicate a substantial part of their time to their chosen dissertation project, building on the knowledge and skills they have acquired through Stages 1 and 2. Students at Stage 3 have the opportunity to choose from a wide range of optional courses focusing on specialist themes, ranging in time from the evolution of early humans to the Middle Ages, and covering fields as diverse as population studies, ritual and religion, prehistoric monuments, ancient cities, the rise of Christianity, the American Civil War, working-class communities in the United Kingdom and Thatcher's Britain.

WHY QUEEN'S?

Facilities

The School boasts the internationally renowned 14CHRONO Centre for Radiocarbon Dating, the Centre for Archaeological Fieldwork, departmental collections and laboratories for study of artefacts, human, animal and plant remains and other scientific materials and instruments, access to GIS, laser scanning and specialist teaching laboratories.

CAREERS/FURTHER STUDY

Studying for an Archaeology degree at Queen's will assist students in developing the core skills and employment-related experiences that are valued by employers, professional organisations and academic institutions. Graduates from this degree at Queen's are well regarded by many employers (local, national and international) and over half of all graduate jobs are now open to graduates of any discipline, including Archaeology and History.

Although the majority of our graduates are interested in pursuing careers in archaeology and/or history-related areas (town and country planning, environmental impact, Land and Property Services [formerly Ordnance Survey]) significant numbers develop careers in a wide range of other sectors.



We regularly consult and develop links with a large number of employers including, for example, the Historic Environment Division at the Department for Communities, National Trust, Ulster Wildlife Trust, who provide both snapshot advice on their work, as well as run more in-depth advice sessions, the latter often at taught Masters level. We also run a careers seminar programme with guest speaker employers and furtherstudy coordinators (teacher training, Masters and PhD degrees).

We benefit greatly from housing the Centre for Archaeological Fieldwork in the School. This self-funded private unit obtains commercial work from the Department for Communities, the police and civil engineering companies, thus exposing students to

Further Study

Further study is also an option – graduates can choose from a range of Master's programmes as well as a comprehensive list of research topics; see the School website for further information.

Archaeology at Queen's is ranked 10th overall in the UK

(Guardian University League Table 2020)

Entrance requirements

e: admissions@qub.ac.uk
t: +44 (0)28 9097 3838

Course information

School Office
School of Natural and Built Environment

e: rcpal@qub.ac.uk
t: +44 (0)28 9097 3350 / 3829
w: qub.ac.uk/schools/NBE

facebook: @archaeologyatqueensbelfast

ARCHITECTURE

Queen's University, as part of the Russell Group, is one of the best places to study Architecture in the UK. In the 2019 National Student Survey of 62 schools of architecture, we were ranked 4th for overall satisfaction. In the 2019 Guardian Table of 55 schools of architecture, we were ranked 4th for Added Value and (joint) 6th for Career after six months. In 2019, we were ranked (joint) 2nd for Graduate Prospects and 8th Overall in the UK of 55 schools in the Complete University Guide.

Supported by a diverse group of academic staff and external tutors engaged in international, award-winning research and practice, over 75 per cent of our students regularly graduate with a 1st Class or 2.1 degree. All students, many of whom come from outside Northern Ireland, receive a high degree of personal tuition in a strong studio culture in which every student has dedicated personal studio space.

Our established reputation generated over 50 years means that our graduates are often placed with leading employers from around the world. They are those who will be leaders in their fields, creatively rethinking the past, present and particularly the future of the built environment.

COURSE CONTENT

'Creativity with Purpose' is the basis of Architecture at Queen's.

Students explore design in a studio environment, contextualised by cultural, technical and professional practice-based modules. The course is modular in structure, allowing students to learn and develop their skills through an extensive range of topics, which grow in complexity throughout Stages 1, 2 and 3 of the degree. Topics include: Architectural Design and Communication; History and Theory of Architecture; and Technology and Environment. Students have four modules they need to pass each year, and the degree result is cumulative, with 10, 30 and 60 per cent for Stages 1-3, respectively.

Stage 1

Stage 1 focuses on our belief that our students benefit from a smooth transition into university, and thus we strongly support students in learning to draw architecturally, make models and to begin the process of forming and communicating positions on Architecture.

Stage 1 modules are outlined below:

- Technology and Environment 1
- History and Theory of Architecture 1
- Architectural Design and Communication 1(i)
- Architectural Design and Communication 1(ii)

Stage 2

Stage 2 acts as a laboratory for testing creative and critical ideas and the process of creating. We continue to support students' increasing levels of confidence and independence through developing more complex architectural skills and understanding of technology.

Stage 2 modules are outlined below:

- Technology and Environment 2
- History and Theory of Architecture 2
- Architectural Design and Communication 2(i)
- Architectural Design and Communication 2(ii)

Stage 3

Students in this Stage are both speculative thinkers and accomplished designers, able to deliver detailed, resolved proposals. They operate independently, drawing on previous learning and personal interests. In this final year, they consider the many possible career paths presented to them over the course of their studies.

BSc Honours

Architecture 3 yrs (K100)

Entrance Requirements

A-level:

AAA + GCSE Mathematics grade C/4. Applicants with a grade C/4 in GCSE Art or no Art at GCSE/A-level may be invited for a portfolio interview. Neither Technology and Design nor Craft, Design and Technology are considered an alternative to Art.

All applicants:

A broad spread of scientific, creative and language-based subjects is desirable, since high scores in specific subjects do not necessarily indicate suitability for the wide-ranging demands of the degree. Evidence of broad general intelligence, a hardworking nature and a genuine motivation and interest in architecture is also required. Applicants are encouraged to appreciate the demands of studying architecture and the combined scientific and creative nature of the subject.

The entrance requirements outlined above reflect the demands of the BSc, but acknowledge that the highest A-level performance is not always an indicator of an applicant's suitability for the degree.

For students whose first language is not English

An IELTS score of 6.5 with a minimum of 6.0 in Speaking and Listening and 5.5 Reading and Writing, or an equivalent acceptable qualification, details of which are available at: go.qub.ac.uk/EnglishLanguageReqs

Stage 3 modules are outlined below:

- Technology and Environment 3
- History and Theory of Architecture 3
- Architectural Design and Communication 3(i)
- Architectural Design and Communication 3(ii)

WHY QUEEN'S?

Accreditation

This is a Russell Group University Architecture Part 1 degree that is accredited by the Royal Institute of British Architects (RIBA) and Architects Registration Board (ARB) in the UK as well as the Board of Architects Malaysia (LAM).

Excellent Facilities

Our design studios and review/exhibition spaces are located in Chlorine Gardens and David Keir Building on Queen's campus in South Belfast. The architectural workshop for laser cutting, model making and 3D printing is also in DKB. For lectures and seminars we use all kinds of lecture theatres and classrooms at Queen's.

CAREERS/FURTHER STUDY

This first degree on Architecture (RIBA/ARB Part 1) leads to the postgraduate Part 2 and 3 programmes, which can be taken at our institution or elsewhere. Many of our graduates return to our Master of Architecture programme.

Our graduates can be found involved with a surprisingly wide range of activities. Many continue to work in private architectural practices ranging in size from two or three people to a staff of over 100, providing a general practice service to private and institutional clients, designing individual houses, social housing, commercial developments, civic buildings, concert halls, theatres and galleries. Many commissions are won through architectural competitions.

Although primarily intended as a first degree for those wishing to undertake postgraduate studies and become professionally qualified architects, the course offers a wide-ranging general education in design, visual appreciation and problem solving, which is valuable in its own right.



Although a much higher proportion of our graduates progress to being registered architects, a certain number of our graduates do diversify and move outwards into related careers and roles. They may work in stage set design, town planning or housing policy, conservation of historic buildings, interiors, furniture design or specialist building physics such as acoustics.

They may provide technical assistance to voluntary and community groups tackling difficult social and economic problems. Our graduates work in many different parts of the world, have their work published and receive awards.

BSc Architecture is the first step of a three partite education, and we offer a variety of postgraduate courses. After the practical experience year out, our graduates can apply for the Master of Architecture (MArch) and then continue their education via Architecture Part 3. We also have PhD opportunities.

Architecture at Queen's is ranked 5th overall in the UK

(Times and Sunday Times Good University Guide 2020)

Entrance requirements

e: admissions@qub.ac.uk
t: +44 (0)28 9097 3838

Course information

Dr Gul Kacmaz Erk
School of Natural and Built Environment

e: g.kacmaz@qub.ac.uk
t: +44 (0)28 9097 4006
w: qub.ac.uk/schools/NBE

AUDIO ENGINEERING

The Audio Engineering programme is designed for students interested in pursuing a career in engineering within the audio and digital media industries. Students will gain technical skills and knowledge relevant to the broader field of electrical and electronic engineering including electronics, embedded systems, computer programming and mathematics. Students will also gain practical experience of recording, editing, mixing and mastering music using professional studio facilities and designing new hardware/software musical instruments and interfaces.

COURSE CONTENT

Stage 1

Stage 1 of the programmes consists of six compulsory modules which introduce students to core technical skills and engineering fundamentals including electronics, embedded systems, computer programming and mathematics. Students also gain thorough grounding in sound recording principles and practical experience of audio mixing.

Modules include: (*indicates core module)

- Computer Programming*
- Mathematics*
- Embedded Systems*
- Electronics*
- Sound Recording and Production*
- Audio Mixing*

Stage 2

Stage 2 also consists of six compulsory modules. These modules further develop students' understanding of electronics, embedded systems and computer programming with the latter topic focusing more specifically on the development of audio software applications. Audio engineering practice is facilitated through collaborative music recordings with student ensembles and the design of new musical instruments and musical interfaces.

Modules include: (*indicates core module)

- Audio Programming*
- Signals and Communication Systems* Embedded Systems*
- Electronics*
- Instrument and Installation Design*
- Live Production Systems
- Sound Design for Film
- Sound Recording
- Production Sonic Arts

Stage 3

Stage 3 introduces students to the principles of auditory perception and the architecture of digital audio effects. Students can also opt to take modules in spatial audio mixing, further sound recording practice, musical interaction design or work placement. The programme concludes with the completion of a double-weighted technical project focusing on the design of new hardware/software tools for audio applications.

Modules include: (*indicates core module)

- Digital Audio Effects*
- Auditory Perception*
- Audio Engineering Project*
- Work Based Learning
- Designing Musical Interactions
- Audio Post Production
- Sound Recording and Production Sonic Arts
- Immersive Media

WHY QUEEN'S?

World-Class Facilities

The School is one of the largest and best-equipped institutions in the UK working in the field of music and sound. Students have access to state-of-the-art audio resources including the world's first Sonic Laboratory – a unique performance space capable of three-dimensional sound projection.

Industry Links

The School benefits from strong industry partnerships including BBC NI, Ulster Orchestra, Opera NI, Hard Rain Soloist Ensemble, Cathedral Arts Festival, Moving on Music, Diatribe Records, DTS and Dolby.

BSc Honours

Audio Engineering 3 yrs (J930)

See also Music and Audio Production, Music and Sound Design and Broadcast Production

Entrance Requirements

A-level:

ABB including Mathematics and at least one from Physics (preferred), Biology, Chemistry, Electronics, Further Mathematics or Double Award Life & Health Sciences, Technology and Design.

BTEC Extended Diploma:

A relevant BTEC Extended Diploma with 120 credits at Distinction and 60 credits at Merit. Distinctions will be required in stipulated relevant units + GCSE Mathematics grade C/4.

BTEC Higher National Diploma:

Those with good grades in a relevant Higher National Diploma will be considered on their individual merits for entry to Stage 2 + GCSE Mathematics grade C/4.

Note: applicants not offering Physics at A-level should have a minimum of a grade C/4 in GCSE Physics or GCSE Double Award Science grades CC/44.

For students whose first language is not English

An IELTS score of 6.0 with a minimum of 5.5 in each test component or an equivalent acceptable qualification, details of which are available at: go.qub.ac.uk/EnglishLanguageReqs

Internationally Renowned Experts

Many of our staff are leading international experts in their fields of research. Additionally, the School employs a number of Industry Fellows – internationally renowned professionals in their fields of composition, performance, songwriting, sound engineering and audio production.

Professional Training

The School is an Avid Learning Partner and Avid-accredited courses in Pro Tools for audio post-production are embedded into the curriculum.

Work Placements

The Stage 3 Work Based Learning module is an excellent opportunity for students to gain real-world industry experience. Some of the organisations our students have completed placements with include DTS, Pi Communications, RTÉ, Production House, Start Together Studios, Redbox Recording, Smalltown America Studios, Blast Furnace Studios and Sonic Visuals.

JAM 4 (Junior Academy of Music) Creative Music Technology programme offers Work Placement module for students wishing to gain experience in teaching production, recording, editing and mixing, using the facilities of SARC (Sonic Arts Research Centre). Each year several students are involved as TA to JAM 4, and take it as invaluable opportunity to enrich their degree.

Global Opportunities

Students may opt to spend a semester or a year studying abroad. The School has links with a number of international institutions including Sibelius Academy (University of the Arts Helsinki), University of Groningen, Escola Superior de Música e Artes do Espetáculo do Porto (Instituto Politecnico do Porto), Université Français Rabelais Tours, National and Kapodistrian University of Athens, and Technological Educational Institute of Crete.

CAREERS/FURTHER STUDY

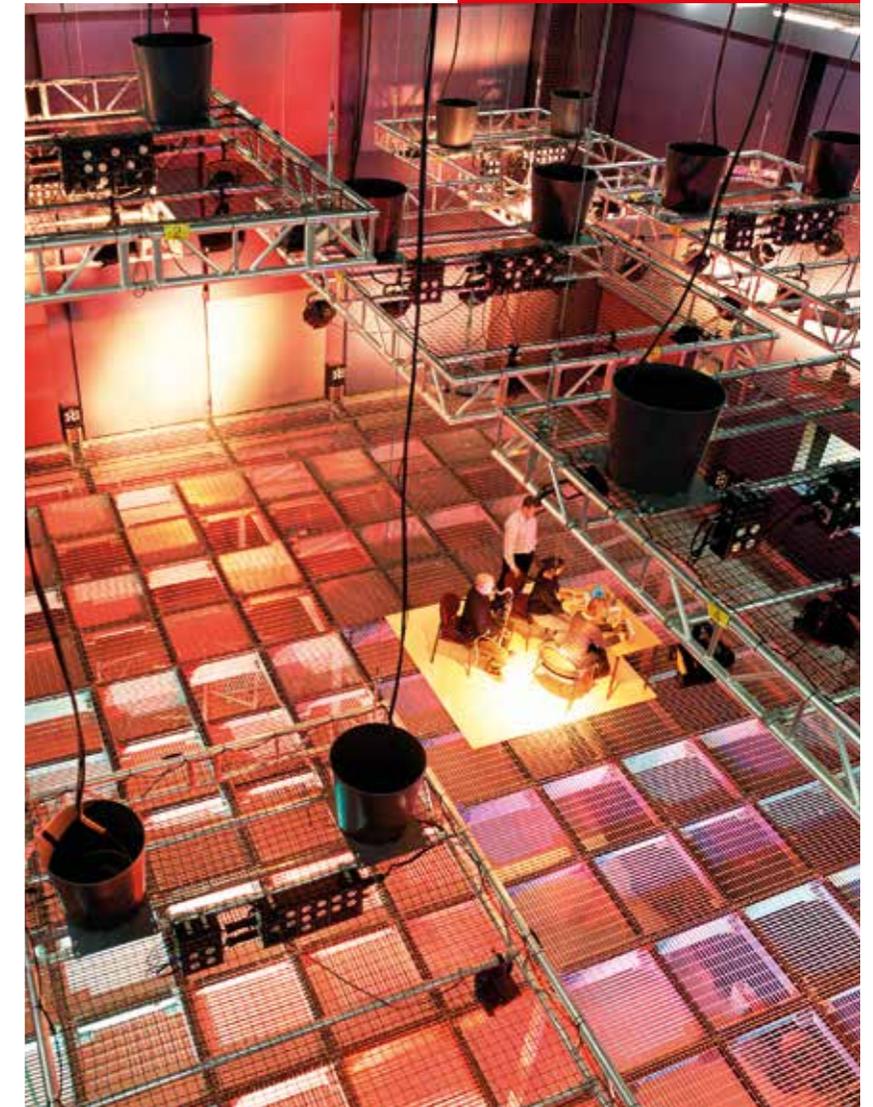
Companies currently employing our graduates include Google, BBC, UTV, Apple, BT, Rapid 7, Sensum, Mogeas Ltd, Storyful, Cased Dimensions, Universitat Pompeu Fabra, Stevens Institute of Technology and Queen's University Belfast.

Further study, including Master's programmes, is also an option; see the School website for further information.

Entrance requirements
e: admissions@qub.ac.uk
t: +44 (0)28 9097 3838

Course information
Chris Corrigan
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School of Arts, English and Languages

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w: qub.ac.uk/ael



BIOCHEMISTRY

Biochemistry is the molecular basis of life. It applies chemical principles to some of the most exciting problems in the life sciences industry, explains how drugs work, helps us understand what goes wrong in diseases, and enables 'genetic engineering'. Consequently, the subject is essential to drug discovery, biotechnology and biomedical research. Biochemists investigate the structures, functions and biological roles of molecules involved in metabolism, cell signalling and the transmission of genetic information.

The BSc in Biochemistry enables students to gain an understanding of the concepts and theories relating to Biochemistry and the application of a range of practical laboratory skills. Students will explore the relevant analytical principles and techniques, and apply these in a research setting. You will understand collation, quantitative analysis and interpretation of experimental data, and the ability to problem solve. Additional skills such as; personal and team skills, data management, presentation skills, career management planning and applying your degree in the workplace will also be covered.

COURSE CONTENT

The Biochemistry degree at Queen's University Belfast, investigates the structures, functions and biological roles of molecules involved in metabolism, cell signalling and the transmission of genetic information. Research-led teaching and the opportunity to complete an integrated Master programme, help prepare our students for a career in biochemical research.

The modules are:

Stage 1

- Fundamentals of Chemistry
- Structure, Reactivity and Mechanism in Organic and Bioorganic Chemistry
- The Molecular Basis of Life
- The World of Microorganisms

Stage 2

- Experimental Biochemistry
- Microorganisms in Action
- Molecular Genetics and Bioinformatics
- Cell Biology 2

Throughout stages 1 and 2 practical classes in Biochemistry reinforce and compliment the theory, providing students with a solid foundation on which to build upon for stage 3.

At the end of Stage 2, BSc students may be eligible to transfer to the same named MSci degree pathway provided they meet certain requirements. MSci students may also transfer to the BSc degree at any point in stages 1 and 2.

Work Placement

- Biochemistry students can complete an optional 16-week degree-related work placement
- Biochemistry with Professional Studies students will complete a one-year, degree-related work placement

Stage 3

- Industrial Microbiology
- Immunology and Pathogenesis of Infectious Diseases
- Bacterial Genetics and Genetic Manipulation
- Biomolecules in Health and Disease
- Research Project (BSc students only)

BSc Honours

Biochemistry 3 yrs (C700)

Biochemistry with Professional Studies 4-yr SW (C704)

MSci Honours

Biochemistry 4 yrs (C702)

Biochemistry with Professional Studies 5-yr SW (C705)

Entrance Requirements

BSc

A-level:

BBB including Chemistry and Biology + GCSE Mathematics grade C/4

OR

ABB including Chemistry and at least one from Mathematics or Physics + GCSE Biology grade C/4 or GCSE Double Award Science grades CC/44 + GCSE Mathematics grade C/4.

MSci

A-level:

AAB including Chemistry and Biology + GCSE Mathematics grade C/4

OR

AAA including Chemistry and at least one from Mathematics or Physics + GCSE Biology grade C/4 or GCSE Double Award Science grades CC/44 + GCSE Mathematics grade C/4.

Note: MSci applicants will automatically be considered for admission to the BSc if they are not eligible for entry to the MSci, both at initial offer-making stage and when results are received.

Option to Transfer: transfers between BSc and MSci may be possible at the end of Stage 2.

All applicants: where A-level Biology, Mathematics or Physics are not offered, A-levels in three other subjects including Chemistry and AS-level Biology would be considered.

For students whose first language is not English

An IELTS score of 6.5 with a minimum of 5.5 in each test component or an equivalent acceptable qualification, details of which are available at: go.qub.ac.uk/EnglishLanguageReqs

WHY QUEEN'S?

Degree Recognition

The BSc Biochemistry and BSc Biochemistry with Professional Studies have been accredited by the Royal Society of Biology following an independent and rigorous assessment. Accredited degree programmes contain a strong academic foundation in biological knowledge and key skills, and prepare graduates to address the needs of employers.

The MSci Biochemistry and MSci Biochemistry with Professional Studies hold advanced accreditation with the Royal Society of Biology. Advanced Degree Accreditation by the Society recognises academic excellence in the biosciences, and highlights degrees that educate the research and development leaders and innovators of the future.

Work Placement

Optional work placements on these programmes provide students with the opportunity to utilise the practical skills gained during the teaching of their degree and apply these in a work environment. Past students have gained work placement within organisations such as Almac, Warner Chilcott, Randox, Norbrook Laboratories, Altnagelvin Hospital and Belfast City Hospital.

Research Experience

Final year research projects allow students to gain considerable research experience in one of the research laboratories at Queen's University Belfast. Working alongside world-leading researchers enriches the students experience and assists them in pursuing a career in biochemical research.

CAREERS/FURTHER STUDY

Studying Biochemistry at Queen's develops the core skills and employment related experiences that are valued by employers, professional organisations and academic institutions – particularly analytical and numerical skills.

Biochemists can gain employment in growth areas such as the biotechnology, food and pharmaceutical industries, biomedical research, the NHS and research and development in academia and industry. Approximately one third of our graduates go on to further study before entering specialist employment.

Although the majority of our graduates pursue careers in the molecular life sciences, significant numbers develop careers in a wide range of other sectors such as science communication, education, legal services, journalism, finance and management.

The subject is also widely accepted for graduate entry to medical, dental, veterinary and pharmacy schools – an increasingly common route into these professions, with many universities in the UK and Ireland offering four-year graduate programmes.

Further Study

Those wanting a career in biochemistry research will normally obtain a PhD, and we anticipate that the majority of MSci graduates will either progress directly to research roles in biochemistry laboratories or to PhD programmes in biomedical research, biotechnology, drug discovery and agri-food research as well as in 'pure' biochemistry.

Master's programmes offer the opportunity to train in specialist areas (eg forensics, nutrition, biotechnology) in order to enter professions in those fields or to further enhance academic and research skills before embarking on a PhD; see the University website for further study information.

Biochemistry graduates are eligible to study for a PGCE (a qualification enabling graduates to teach in schools) in either Biology or Chemistry – subjects in demand in schools across the UK.

"I would highly recommend the Biochemistry course. It provides plenty of hands-on learning, which is vital in the workplace. Personally I think the Professional Studies module is an excellent way to get a better chance at securing a graduate job. The course provides great knowledge for working in research or laboratory roles."

Ryan Steele, BSc Biochemistry with Professional Studies, 2017



Entrance requirements

e: admissions@qub.ac.uk
t: +44 (0)28 9097 3838

Course information

Dr Johnathan Dalzell
Programme Director
School of Biological Sciences

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t: +44 (0)28 9097 5786
w: qub.ac.uk/bb

BIOLOGICAL SCIENCES

Biological Sciences encompasses many aspects of the biosciences, from molecules to ecosystems and includes exploration of:

- Biological diversity, systematics and conservation
- Cell and tissue structure, function and physiology
- Ecology and behaviour
- Form and function of microorganisms, protists, fungi, plants and animals
- Genetics and mechanisms and pathways of evolution

Students will gain core technical skills and subject specific practical laboratory- / field-based skills to help them investigate and manipulate biological material including relevant physical, chemical and biological measurements and their application in a laboratory, field, and research project setting. During the final year project students will have access to cutting-edge research facilities across the molecular and ecological disciplines.

COURSE CONTENT

Biological Sciences graduates tackle worldwide problems such as climate change, food supply and security, biodiversity loss, and global health issues. Students on this programme will complete a set of core compulsory modules at stages 1 and 2, and will select from a range of optional modules at stages 2 and 3. All students will undertake a compulsory Research Project modules at stage 3 which can be lab- or field-based. Students will also have opportunity to undertake a 16-week work placement to develop the core skills and employment related experiences valued by employers.

The modules are:

Stage 1

- The World of Microorganisms
- Molecular Basis of Life
- Biodiversity

Stage 2

Core Modules

- Cell Biology 2
- Plant Biology and Rhizosphere Interactions
- Invertebrate Biology

Optional Modules

- Invertebrate Biology
- Forensics and Toxicology

- Applied Genetics
- Molecular Biology and Bioinformatics
- Coastal and Oceanic Biology
- Applied Ecology
- Animal Biology and Physiology
- Microorganisms in Action
- Work Placement

*Throughout stages 1 and 2 practical classes in Biological Sciences reinforce and compliment the theory, providing students with a solid foundation on which to build upon for stage 3.

Work Placement

- Biological Sciences students have the option to complete a 16 week degree-related work placement which takes place over the summer period between stages 2 and 3.
- Biological Sciences with Professional Studies students will complete a one year, degree-related work placement

Stage 3

Core Modules

- Research Project

Optional Modules

- Parasitology
- Zoonoses
- Industrial Microbiology
- Immunology and Immunotherapy
- Medical Microbiology
- Bacterial Genetics and Genetic Manipulation

BSc Honours

Biological Sciences 3 yrs (C100)

Biological Sciences with Professional Studies 4-yr SW (C104)

MSci Honours

Biological Sciences 4 yrs (C102)

Biological Sciences with Professional Studies 5-yr SW (C105)

See also Biochemistry, Marine Biology, Microbiology and Zoology

Entrance Requirements

BSc

A-level:

BBB including Biology and at least one from Chemistry (preferred), Geography, Mathematics or Physics + GCSE Chemistry grade C/4 or GCSE Double Award Science grades CC/44 + GCSE Mathematics grade C/4

OR

BBB including Double Award Applied Science or Double Award Life and Health Sciences + GCSE Biology grade C/4 and Chemistry grade C/4 or GCSE Double Award Science grades CC/44 + GCSE Mathematics grade C/4

OR

ABB including Biology + GCSE Chemistry grade C/4 or GCSE Double Award Science grades CC/44 + GCSE Mathematics grade C/4

MSci

A-level:

AAB including Biology and at least one from Chemistry (preferred), Geography, Mathematics or Physics + GCSE Chemistry grade C/4 or GCSE Double Award Science grades CC/44 + GCSE Mathematics grade C/4

OR

AAB including Double Award Applied Science or Double Award Life and Health Sciences + GCSE Biology grade C/4 and Chemistry grade C/4 or GCSE Double Award Science grades CC/44 + GCSE Mathematics grade C/4

OR

AAA including Biology + GCSE Chemistry grade C/4 or GCSE Double Award Science grades CC/44 + GCSE Mathematics grade C/4.

Note: it would be an advantage to have studied Chemistry beyond GCSE level.

Note: MSci applicants will automatically be considered for admission to the BSc if they are not eligible for entry to the MSci, both at initial offer-making stage and when results are received.

Option to Transfer: Transfers between BSc and MSci may be possible at the end of Stage 2.

For students whose first language is not English

An IELTS score of 6.5 with a minimum of 5.5 in each test component or an equivalent acceptable qualification, details of which are available at: go.qub.ac.uk/EnglishLanguageReqs

“Studying Biological Sciences (with Professional Studies) at Queen’s allowed me to experience several different aspects of Biology and gave me the flexibility to decide which pathway interested me the most, as well as allowing me to gain many different skills in the process. My favourite part of the degree was the final year Honours project: being able to carry out my own unique research project was highly enjoyable, and well worth all the work involved! Studying Biological Sciences inspired me to pursue a career in research and gave me the confidence to begin a PhD project at Queen’s.”
Fiona McKay, BSc Biological Sciences

- Behavioural Ecology
- Global Change Biology
- Conservation Biology

*During stage 3, students in Biological Sciences take a two-module research project under the supervision of a member of the academic staff. The research project generally involves practical work carried out in the field and/or laboratory.

WHY QUEEN’S?

Degree Recognition

The BSc Biological Sciences and BSc Biological Sciences with Professional Studies have been accredited by the Royal Society of Biology following an independent and rigorous assessment. Accredited degree programmes contain a strong academic foundation in biological knowledge and key skills, and prepare graduates to address the needs of employers.

The MSci Biological Sciences and MSci Biological Sciences with Professional Studies hold advanced accreditation with the Royal Society of Biology. Advanced Degree Accreditation by the Society recognises academic excellence in the biosciences, and highlights degrees that educate the research and development leaders and innovators of the future.

Work Placement

Embedded optional work placements (16 week) provide students with the opportunity to utilise the practical, transferable and professional skills gained during the teaching of their degree and apply these in a work environment.

In previous years, students have gained placements with organisations such as Almac Pharma Services, Norbrook Laboratories, Warner Chilcott, Northern Ireland Environment Agency, Belfast Zoo, the National Trust, Atlantic Whale Foundation, and the RSPB. In addition, students can avail of opportunities to undertake short summer placements abroad through programmes such as IAESTE, Operation Wallacea, and Frontier.

Research Experience

Final year research projects allow students to gain considerable research experience in one of the research laboratories at Queen’s University Belfast. Working alongside world-leading researchers enriches the student experience and assists them in pursuing a career in academia or in research.

CAREERS/FURTHER STUDY

A degree in biosciences opens the door to a wide range of careers. Our graduates are employed in organisations working within environmental monitoring and management, water quality management, animal welfare, academic research, the agri-food industries, biotechnology and

pharmaceutical industries, teaching and education, and science communication.

These employment areas have always been important, but have now become increasingly so due to worldwide problems such as climate change, food supply and security, biodiversity loss and global health issues.

Further Study

Master’s programmes offer the opportunity to train in specialist areas within the Biosciences (e.g. Parasitology, Animal Behaviour and Welfare, Food Security) in order to enter professions in those fields or to further enhance academic and research skills before embarking on a PhD; see the University website for further study information.

Those wishing to pursue a career in research will normally obtain a PhD, and both BSc and MSci Biological Sciences graduates are well-placed to compete for places on PhD programmes. Alternatively, the transferable skills gained during completion of a biosciences degree will place students in excellent standing for specific graduate programmes to enter professions such as accountancy, management or journalism. Many of our graduates undertake the postgraduate teacher training programme (PGCE) for entry into the teaching profession.



Advanced Accredited Degree



Accredited Degree

Entrance requirements

e: admissions@qub.ac.uk
t: +44 (0)28 9097 3838

Course information

Dr Angela Mousley
Programme Director
School of Biological Sciences

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t: +44 (0)28 9097 5786
w: qub.ac.uk/bb

BIOLOGICAL SCIENCES (FD)

This programme aims to provide students with knowledge and understanding of scientific methods of inquiry and theoretical principles of biological sciences, including, where appropriate, the application of those principles in an employment context.

Students studying the FdSc in Biological Sciences will develop understanding of:

1. The relevance of biological sciences in the current economic environment
2. The hierarchical nature of biological sciences ranging from molecular level to whole organism and species interactions
3. The need for competence and dexterity in contemporary biological practical techniques and cognate disciplines
4. A professional approach to work, study and lifelong learning.

This course is taught at Belfast Metropolitan College, Belfast.

COURSE CONTENT

Biological Sciences graduates tackle worldwide problems such as climate change, food supply and security, biodiversity loss and global health issues. Students on this programme complete a degree-related work placement, to develop the core skills and employment-related experiences valued by employers.

The modules are:

Stage 1

- Fundamentals of Science
- Mathematical and Study Skills in Science
- General Chemistry
- Biochemistry
- Biology

Work Placement

Between Year 1 and Year 2 there is a compulsory work-based placement for a duration of ten weeks. This will provide students with opportunities to apply the knowledge and skills acquired from Year 1 content; to develop important employability skills required for the employment market; and to benefit from being exposed to biological science practices.

Stage 2

- Biological Diversity and Evolution
- Bioscience Practical and Analytical Skills
- Food Biochemistry
- Ecology and Environmental Biology
- Molecular Biology and Genetics
- Microbiology

In addition to subject knowledge, modules aim to develop skills in critical, independent thought and management and decision making. Year 2 modules include applied topics which will allow students the opportunity to consider progression into a range of Honours degree courses.

The modules introduce a wide range of up-to-date biological techniques including genetic manipulation, electron microscopy, physiological studies of living organisms and modern approaches to ecology and evolution.

WHY QUEEN'S?

Professional Accreditation

Graduates of the FdSci are eligible for Registered Science Technician (RSciTech) status, conferred by the Science Council and with appropriate CPD would be eligible for Registered Scientist status (RSci). The Society of Biology also confers varying levels of membership depending on qualifications and experience.

FdSc (Foundation Degree)

Biological Sciences 2 yrs (C101)

Based at Belfast Metropolitan College

Entrance Requirements

A-level:

CC including Biology or Double Award Applied Science or Double Award Life and Health Sciences + GCSE Biology grade C/4 and Chemistry grade C/4 or GCSE Double Award Science grades CC/44 + GCSE Mathematics grade C/4.

Note: it would be an advantage to have studied Chemistry beyond GCSE level.

BTEC Level 3 Extended Diploma:

BTEC Level 3 Extended Diploma in a relevant science subject with 9 Merits and 9 Passes. A minimum grade may be stipulated in relevant units. In addition, applicants must have GCSE passes at grade C/4 or better in English Language, Mathematics, Biology and Chemistry. GCSE Double Award Science grades CC/44 would be acceptable in lieu of GCSE Biology and Chemistry.

Access Course:

65% average. Must be a relevant Access Course normally including two Biology modules (Level 3) and one Chemistry module (Level 3). Students should have GCSE Mathematics and Chemistry at grade C/4 or equivalent in the Access Course. GCSE Double Award Science grades CC/44 would be acceptable in lieu of GCSE Chemistry.

Other Qualifications:

Students offering other qualifications will be considered on an individual basis by the Admissions and Access Service in consultation with the Selector for the Foundation Degree.

RPL:

Applicants must provide evidence of their ability in appropriate skills and knowledge to undertake the programme. Guidance is available for such candidates from the College and any evidence submitted will be assessed by subject specialists who will determine the applicant's suitability for the course. Applicants may be required to attend for interview.

Note: CCEA Level 2 Essential Skills in Communication is acceptable in lieu of a grade C/4 in GCSE English language.

For students whose first language is not English

An IELTS score of 6.5 with a minimum of 5.5 in each test component or an equivalent acceptable qualification, details of which are available at: go.qub.ac.uk/EnglishLanguageReqs

Biological Scientists tackle worldwide problems such as climate change, food supply and security, biodiversity loss and global health issues. Students who successfully complete the Foundation Degree will be eligible to progress to degree programmes in the School of Biological Sciences at Queen's.

Entrance requirements
e: admissions@qub.ac.uk
t: +44 (0)28 9097 3838

Course information
Dr Dawn Corbett / Dr Angela Mousley,
Course Co-ordinators
Belfast Metropolitan College /
School of Biological Sciences

e: biosciences-ug@qub.ac.uk
t: +44 (0)28 9097 5786
w: qub.ac.uk/bb

Progression

Students who successfully complete the Foundation Degree with an overall weighted mark of 55 per cent and, in addition, at least 55 per cent in each module assessed in final year will be eligible to progress to degree programmes in the School of Biological Sciences at Queen's.

Work Placement

Embedded work placements on this degree programme provide students with the opportunity to utilise the practical skills gained during the teaching of their degree and apply these in a work environment.

CAREERS/FURTHER STUDY

Our graduates are employed in organisations working within environmental monitoring and management, water quality management, animal welfare, academic research, the agri-food industries, biotechnology and pharmaceutical industries, teaching and education, and science communication.

These employment areas have always been important, but have now become increasingly so due to worldwide problems such as climate change, food supply and security, biodiversity loss and global health issues.

Further Study

Students who successfully complete the Foundation Degree with an overall weighted mark of 55 per cent and, in addition, at least 55 per cent in each module assessed in final year will be eligible to progress to degree programmes in the School of Biological Sciences at Queen's.



BIOMEDICAL SCIENCE

Our Biomedical Science degree enables you to explore the sciences related to medicine and in particular, the specialist disciplines of diagnostic Biomedical Science as practised in Health Service Laboratories. Our degree is accredited by the Institute of Biomedical Science and is aimed at students wishing to pursue a career in diagnostic laboratory science as biomedical scientists within the NHS, research or management careers in the pharmaceutical industries or academic research.

COURSE CONTENT

Biomedical Science comprises the sciences related to medicine and in particular these specialist disciplines of diagnostic Biomedical Science as practised in Health Service Laboratories:

- Clinical Bacteriology and Immunology
- Clinical Biochemistry
- Haematology and Transfusion Science
- Histopathology and Cytology

Further modules provide a sound background to other fundamental areas of Biomedical Sciences (including Anatomy and Physiology) along with cutting-edge subject areas of relevance to Life Science careers.

The modules are:

Stage 1

- Molecular Basis of Life
- The World of Microorganisms
- Human Structure and Function

Stage 2

- The Sciences of Disease
- Cell Biology and Clinical Genetics
- Professional Practice in Biomedical Science

Stage 3

- Research Project
- Molecular Markers of Disease
- Advanced Infections and Clinical Biochemistry

WHY QUEEN'S?

Global Opportunities

The School has established links with two universities in the USA - the University of Nevada in Reno and the University of Vermont, where several students are given the opportunity to work in their research laboratories for a year between second and final year.

Professional Accreditation

This degree, which is accredited by the Institute of Biomedical Science, is aimed at students wishing to pursue a career in diagnostic laboratory science as biomedical scientists within the NHS, research and development or management careers in the pharmaceutical industries and/or academic research.

World-Class Facilities

The School has excellent research facilities as well as strong links with clinical departments.

Internationally Renowned Experts

Our teaching staff comprises enthusiastic teachers with World-Class research in the biomedical sciences. Professional biomedical scientists from NHS laboratories also make a major contribution to the degree.

BSc Honours

Biomedical Science 3 yrs (B940)

See also Human Biology

Entrance Requirements

A-level:

AB (in any order in Biology/Human Biology and Chemistry) B + GCSE Mathematics grade C/4

OR

A (Biology/Human Biology or Chemistry) AB including a second science subject (see list below) + GCSE Biology grade C/4 and Chemistry grade C/4 or GCSE Double Award Science grades CC/44 + GCSE Mathematics grade C/4.

Acceptable second Science subjects:

Computer Science, ICT, Environmental Science, Environmental Technology, Geography, Geology, Home Economics, Mathematics, Nutrition & Food Science, Physics, Physical Education, Psychology, Technology & Design. Other subjects considered on an individual basis.

For students whose first language is not English

An IELTS score of 6.5 with a minimum of 5.5 in each test component or an equivalent acceptable qualification, details of which are available at: go.qub.ac.uk/EnglishLanguageReqs

CAREERS/FURTHER STUDY

The BSc in Biomedical Science at Queen's is aimed at students wishing to pursue a career in:

- Diagnostic laboratory science as Biomedical Scientists within the National Health Service
- Clinical trials relating to drug registration and patents
- Government or Charity-funded research laboratories
- Management careers in the Pharmaceutical or Biotechnology Industries
- Academic Research and Development
- Postgraduate entry to Medicine, Dentistry and allied health professions after gaining a strong scientific training at undergraduate level

In addition to graduates in Biomedical Science being interested in pursuing a career in the field, the degree also affords opportunities for careers in the broad field of medicine and medically-related subjects such as medical sales and science writing. In addition, the degree provides access to graduate jobs in other disciplines.

Further Study

Many students go into further study after their degree, completing Master's and PhDs and a significant proportion of graduates gain entry to a Medical or Dental degree both at Queen's University Belfast and abroad.



“The knowledge and experience I gained in my time of study at Queen's has been invaluable. Having the opportunity to work alongside leading academics in my final year Honours project allowed me to develop the skills that will benefit me in my future career as a Biomedical Scientist in the NHS. “

James Allen BSc (Hons)
Biomedical Science Graduate, 2018

Entrance requirements

e: admissions@qub.ac.uk
t: +44 (0)28 9097 3838

Course information

Dr Stephen McCullough
Programme Director
School of Medicine, Dentistry and
Biomedical Sciences

e: biomedsci@qub.ac.uk
t: +44 (0)28 9097 2677
w: qub.ac.uk/mdbs

BROADCAST PRODUCTION

Broadcast Production is an intensely practical, industry aware degree, designed in collaboration with BBC Northern Ireland and other local broadcasters. This pathway is for those interested in careers in programme making for television, radio, journalism, and other new and emerging digital media platforms. This degree aims to introduce you to the widest possible experience of modern broadcasting combined with critical thinking and excellent online skills. Whether it is for online or live, in front or behind the camera or microphone, you will gain substantial practical skills supported by the kind of theoretical and critical skills employers tell us they want in new entrants to the creative industries.

COURSE CONTENT

Year 1

• Six core modules:

- Broadcast Analysis I*
- Broadcast Production Skills I*
- Sound Recording and Production I*
- Broadcast Analysis II*
- Broadcast Production Skills II*
- Editing for Film and TV*

Year 2

Four compulsory modules: (module choices subject to change and availability)

- Broadcast Journalism
- The Radio Programme
- Interactive Media Production
- The Television Programme

Two optional modules from: (module choices subject to change and availability)

- Sound Design for Screen
- Documentary Film Studies
- British Cinema: Nation, Identity and Industry
- Creative Writing for Radio
- Creative Writing (Drama) in the renowned Seamus Heaney Centre at Queen's
- Popular Broadcast Genres
- Language and Power
- Sonic Arts
- Introduction to Arts Management
- Screen Industries in Europe

* Indicates compulsory modules

Year 3

Two compulsory modules:

- Broadcast Media Project I (Practical)
- Broadcast Media Project: Production**

Three optional modules from:

- Work-based Learning (Placement - 100 plus hours in a company or organisation)
- Professional Practice (practical)
- Gender and Broadcasting
- Language in the Media
- Broadcasting in Post-conflict Society
- Dissertation (theory)
- Broadcasting and Identity

** Double weighted

WHY QUEEN'S?

Industry Links

It is an exciting time to get involved in broadcasting. Northern Ireland now has one of the fastest growing creative sectors in the UK economy. Broadcast programme making for entertainment, news, documentary, current affairs and online is a huge part of the industry here. Work placement therefore will be a significant aspect of the course, connecting to many of the local production companies. An industry advisory panel has been set up to offer advice on developments in the industry, keeping content and teaching practice relevant to the needs of employers

BA Honours

Broadcast Production 3 yrs (P310)

Entrance Requirements

A-level:

ABB

All applicants:

There are no specific subject requirements to study Broadcast Production.

For students whose first language is not English

An IELTS score of 6.5 with a minimum of 5.5 in each test component or an equivalent acceptable qualification, details of which are available at: go.qub.ac.uk/EnglishLanguageReqs

in this area. Queen's has a collaborative agreement with BBC Northern Ireland, to promote opportunities for placements for our students and research/training between both organisations. Broadcast Production at Queen's has direct links with the Belfast Media Festival, the Belfast Film Festival and the Digital Cities Belfast initiative.

World-Class Facilities

Access to a television and radio studio with broadcast quality LED lighting and green screen facilities; off-line and on-line editing suites, utilising industry software such as Avid Media Composer, DaVinci Resolve, Premiere Pro and Avid Pro Tools; access to the Sonic Arts Research Centre for audio training and industry standard audio recording and post-production equipment; full high-definition cameras are available as are lighting and sound kits for location work.

We also have a substantial amount of equipment for use in the creation of virtual reality content such as: HTC Vives, Oculus Go and Insta360 Pro VR cameras with ambisonic microphones for full 360 sound recording.

Student Experience

We are an Avid Authorised Learning Partner for Pro Tools and Media Composer, offering certified industry-approved training integrated into the degree, a highly sought-after qualification internationally. Broadcast Production benefits from close relationships with the BBC NI, UTV, Northern Ireland Screen and the Belfast Media Festival with industry professionals connecting to teaching right across the programme from many of the production companies across Northern Ireland.

CAREERS/FURTHER STUDY

A degree in Broadcast Production will give students a distinct advantage as they enter the work place. This highly practical course will allow you to build up a portfolio of outputs for you to share with potential employers. An online channel will be created to showcase the best work from the department. The new skill sets developed such as building digital content for online distribution and social media are highly sought after by employers and provide an excellent background for work in the creative industries and broadcasting. Work placement is offered as a module in Stage 3 of the degree.

"A graduate from this course will have a number of significant skills such as being able to research topics, to understand the broadcasting industry both critically and academically. They will be able to lift cameras, edit still and moving images, record sound, present and write story and programme ideas. Then get these stories published online utilising new and emerging digital platforms. Broadcasting students will have a profound understanding of how to create content for online distribution and develop important new digital literacy skills that employers are telling us are much needed by broadcasters, both now and in the future."

Broadcast Production Lead

Broadcast Production is one of the most practical and vocationally biased television and radio content creation degrees offered at any Russell Group University in the UK.

Entrance requirements

e: admissions@qub.ac.uk
t: +44 (0)28 9097 3838

Course information

Mr Frank Delaney
Subject Lead, Broadcast Production

e: f.delaney@qub.ac.uk
t: +44 (0)28 9097 5414
w: qub.ac.uk/ael



BUSINESS ECONOMICS

This degree allows students to develop their understanding of Economic techniques whilst also learning about the principles of Business Management. Students in Business Economics should have an interest in using economic theory and thinking in applied business settings. This degree has less of an emphasis on using mathematics compared to a traditional economics degree and the programme fosters numerical skills through the use of up-to-date business applications.

COURSE CONTENT

The emphasis of this degree is on those aspects of economics that are of most importance in a business setting. Students study a year-long module on The Economy, along with Accounting, Finance and Business Management modules. This is followed in Years 2 and 3 by modules in economics and modules related to business economics. With the flexibility in this degree, students should not only develop good numeracy skills, but also specialisation in qualitative aspects of the subject.

Students will cover a range of topics and modules including:

Year 1

- The Economy (full year module)
- Quantitative Methods
- Accounting
- Organisational Behaviour
- Financial Institutions and Markets

Year 2

- Macroeconomic Policy and Performance
- Managerial Economics
- Data Analysis and Optimisation
- International Business

Students will be able to choose two additional modules from a range which may include:

- Financial Decision Making
- Human Resource Management
- Operations Management
- The Digital Business
- Leading for Change

Year 3

Students will study:

- Economics of Corporate Strategy
- Quantitative Business Economics

Students will be able to choose four additional modules from a range which may include:

- Labour Economics
- Economic History
- Public Economics
- International Trade
- Business Start-up
- Business Ethics
- Supply Chain Management
- Innovation Management
- Consumer Behaviour

WHY QUEEN'S?

Student Satisfaction

90% of Economics students were satisfied with their course according to the National Student Survey in 2018.

Placements

Business Economics students may take an optional placement year after their second year. Recent placements from students studying economics and business economics include PwC, KPMG, Citi, Oxford Economics, Belfast City Council, First Derivatives, and Tayto Group Ltd.

Student Experience

Students can join the Economics Society, a student-run organisation which aims to educate its members on the use of economics in practice through guest speakers, field trips abroad and educational seminars.

Students will also have access to specialist mathematical and statistical software, giving them the skills, experience and knowledge necessary to prepare them for careers in economics and business analytics.

BSc Honours

Business Economics 3 yrs (L110)

See also Economics and Business Management

Entrance Requirements

A-level:

ABB + GCSE Mathematics grade B/6

For students whose first language is not English

An IELTS score of 6.5 with a minimum of 5.5 in each test component or an equivalent acceptable qualification, details of which are available at: go.qub.ac.uk/EnglishLanguageReqs

Prizes and Awards

- Shaw Memorial Prize for best-performing second-year student in BSc Economics
- Foundation Scholarships for best student in Economics Level 1 and Level 2
- KPMG Prize is awarded to the best graduate in the BSc Economics degree
- McKane Medal is awarded to the best final honours student in Economics

CAREERS/FURTHER STUDY

This degree prepares students for a variety of careers in the public and private sectors. Graduates have been employed as professional economists or as managers or administrators. Depending on the choice of modules, this degree also prepares students for postgraduate studies in Economics and related disciplines.

Those pursuing a career in Business Economics should be effective communicators and work well with people, as they will have to analyse and interpret a range of information to meet the needs of different users, including managers and investors. Business Economists must be prepared to take on challenges and be able to adapt to a constantly changing and dynamic business environment.

Many of the skills that students will acquire during their studies at Queen's will be of great

“Business Economics allows you to gather a vast array of skills through the various different methods of assessments offered – assignments, group projects, presentations and research projects. As the course allows you to choose some modules in second year, you are able to focus more on the topics you're interested in and tailor the degree to suit your preference. During the first semester of my second year, I was able to secure a placement with the successful drinks company Diageo.”

Rhianna Donaldson
BSc Business Economics

value in a range of different career and life situations. Core transferable skills include the ability to learn independently, problem solve, understand and interpret economic, financial and business-specific information and work productively as part of a team.

Students graduating with a degree in Business Economics from Queen's are well placed to secure a range of employment opportunities in economics and management in the public and private sectors. In recent years, students have secured positions in economic analysis and appraisal with a range of government and other public sector organisations, careers in banking, as well as more generalist positions in business and management.

Typical career destinations of graduates include:

- Management Consulting
- Accountancy
- Managers and Administrators in areas such as market research, advertising, sales and personnel
- Education, health or government departments

Employment Links

Graduate employers include PwC, EY, KPMG, Deloitte, BDO, Ulster Bank, Bank of Ireland, First Trust, Northern Ireland Civil Service, Northern Ireland Statistics & Research Agency, JP Morgan, Morgan Stanley, BBC, National Trust.



90% of Economics students were satisfied with their course according to the National Student Survey in 2018

Entrance requirements

e: admissions@qub.ac.uk
t: +44 (0)28 9097 3838

Course information

Dr Heather Dickey,
Programme Director, BSc Economics
Queen's Management School

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t: +44 (0)28 9097 4466
w: qub.ac.uk/mgt

BUSINESS INFORMATION TECHNOLOGY

Much of today's business operates in a dynamic, fast-paced and technologically advanced environment. With the future of business looking set to rely even more heavily on technology.

Companies require talented individuals who can bridge the gap between business management and technology, forge new connections and foster continuing innovation in their industries.

Studying Business Information Technology at Queen's gives you a sound knowledge of information technology fundamentals and their application in business. Additionally, this course provides a firm foundation in business management.

Belfast is uniquely placed to offer opportunities for Business Information Technology graduates. There are more software companies located in Northern Ireland than in any other part of the UK, outside of London. Additionally, Queen's University has links with businesses across the globe, including over 500 local, national and international IT companies.

COURSE CONTENT

The Single Honours Business Information Technology degree comprises compulsory modules together with optional modules.

Due to the nature of change in the IT industry it may be that the modules will be changed to keep up with industrial trends.

Stage 1 compulsory modules

- Accounting
- Databases
- Organisational Behaviour Fundamentals of Programming

Stage 1 optional modules

- An Introduction to Economics Business,
- Government and Society
- Marketing

Stage 2 compulsory modules

- Professional Computing Practice
- Software Development, Processes and Practice
- Information Management
- User Experience Design

Stage 2 optional modules

- Operations Management
- International Business
- Human Resource Management
- Data Statistics
- Leading for Change

Stage 3

- Year of Professional Experience

Stage 4 compulsory modules

- BIT Project
- Information Systems in Organisations

Stage 4 optional modules

- Supply Chain Management Business Ethics
- Innovation Management Public
- Sector Management Strategic
- Management Information Policy
- Customer Behaviour
- Data Analysis and Visualisation
- Network Security

BSc Honours

Business Information Technology with a Year in Industry 4-yr SW (GN51)

Entrance Requirements

A-level:

ABB + GCSE Mathematics grade C/4

BTEC Extended Diploma:

Any BTEC Extended Diploma with 120 credits at Distinction and 60 credits at Merit + GCSE Mathematics grade C/4

For students whose first language is not English

An IELTS score of 6.5 with a minimum of 5.5 in each test component or an equivalent acceptable qualification, details of which are available at: go.qub.ac.uk/EnglishLanguageReqs

Professional Experience

The BSc in Business Information Technology including Professional Experience is a shared programme with Queen's Management School and provides a range of learning experiences which enable students to engage with subject experts, develop attributes and perspectives that will equip them for life and work in a global society.

WHY QUEEN'S?

Facilities

The School of Electronics, Electrical Engineering and Computer Science has a World-Class reputation for research and provides excellent facilities, including access to major new research centres in Secure Information Technologies (CSIT), Electronics, Communications and Information Technology (ECIT) and Sonic Arts (SARC).

Placement

A student taking this programme is required to spend a year gaining professional experience in industry in a paid full-time post. Students are helped to obtain suitable places and the School has excellent links with over 500 local, national and international employers such as Microsoft, Liberty IT, Kainos, IBM, Deloitte, BT, Citi Group, SAP and Dell. It is expected that students will gain a Licentiate of the City and Guilds from this period of work experience.

CAREERS/FURTHER STUDY

More than ever, there is a real need for skilled managers in the contemporary, technology driven environment. Those managers will be required to have an understanding of the fundamental principles of Computer Science, Information Technology and Management with an emphasis on application of advanced information technology in a business environment. Employers, from large multinational firms to small local organisations, actively target our students, recognising that Queen's Business Information Technology graduates are equipped with the skills they need. Even with the recession, current industry analysis indicates that there is a shortage of IT graduates and this trend is forecast to continue.

On graduating with an Honours degree and a year's experience, graduates are able to choose from a host of rewarding and challenging careers in industry, commerce, education and research. Many graduates

take up posts associated with management and finance working in contemporary, technology driven environments, while others undertake research.

Further Study

Further study is also an option – graduates can choose from a wide range of Master's programmes as well as a comprehensive list of research topics; see the School website for further information.

Entrance requirements

e: admissions@qub.ac.uk
t: +44 (0)28 9097 3838

Course information

School of Electronics, Electrical Engineering and Computer Science

e: eeecs@qub.ac.uk
t: +44 (0)28 9097 1194
w: qub.ac.uk/eeecs

"The students who join PwC NI from Queen's University Belfast EEECS not only come with a great academic record but also portray the key skills, we as a firm seek. Skills such as teamwork, good communication, willingness to learn and develop and reimagine the impossible. This I feel is due to a strong focus on both academics and the importance of the careers services during their university degree."

PwC



BUSINESS MANAGEMENT

This degree gives students the knowledge and understanding of a wide range of management issues, including harnessing technology effectively, leading people, managing change, fostering creativity and innovation, using markets and resources, developing strategy, and working in teams. There is an integrated placement year which allows students to get practical experience of working in a business.

COURSE CONTENT

Stage 1

Students take six compulsory introductory modules, which set the context and foundation for the remainder of the degree. The focus will be on organisations, their structures, behaviours and the changing external environment within which they operate.

Modules will cover accounting, economics, the history and philosophy of management, marketing, organisational behaviour and how business, government and society interact.

Stage 2

Students take six compulsory modules covering issues such as, leadership, decision-making through effective data analysis and interpretation, international business, digital business, human resource management and operations management.

Stage 3 (Placement Year)

The four-year degree includes a compulsory placement year between Stages 2 and 3.

Stage 4

The final year of the programme will see students taking modules that cover business ethics and strategic management. Students will also choose one out of two optional modules per Semester. In Semester 1 they will choose either Supply Chain Management or Public Sector Management. In Semester 2 they will choose between Innovation Management or Consumer Behaviour. In addition to this, they will choose one other optional module, either Business Start-Up or Consultancy Project, which will run across both Semesters and be counted as two final year modules for degree classification purposes.

WHY QUEEN'S?

Placement

During the third year of the degree, students complete a 9 to 12 month placement in a business. This provides excellent experience, and a competitive edge when seeking graduate employment.

Industry Links

The Management School invites guest speakers from industry to talk to students about latest trends and to apply theory to practice. Students also get the opportunity to work on consulting type projects preparing them for employment.

Internationally Renowned Experts

Many of our staff are leading international experts in their fields of research.

Student Experience

Students can join the Student Managed Fund, a student-run organisation which aims to educate its members on trading and investing through guest speakers, competitions and educational seminars.

Study Abroad

The Study USA programme provides students with the funded opportunity to study for a year in a US university.

Prizes and Awards

A number of prizes and awards are made on an annual basis from local employers including CIMA Ireland, PwC, Bombardier Aerospace, and Allen & Overy, plus the Sir William Crawford Prize. Foundation Scholarships are also available.

BSc Honours

Business Management with Placement
4-yr SW

See also International Business with a Language

Entrance Requirements

A-level:

ABB + GCSE Mathematics B/6

Note: there are no specific subjects required and it is not necessary to have previously studied Business Studies or Management.

For students whose first language is not English

An IELTS score of 6.5 with a minimum of 5.5 in each test component or an equivalent acceptable qualification, details of which are available at: go.qub.ac.uk/EnglishLanguageReqs



CAREERS/FURTHER STUDY

This degree provides graduates with the knowledge and skills to secure employment in a wide range of occupations in the public, private and voluntary sectors. Those pursuing a career in business management should enjoy working with people and should be effective communicators, able to engage with a range of stakeholders including senior management, consumers and consumer groups, government representatives and policy makers.

Typical career destinations of graduates include:

- Consultancy
- New venture creation
- Operations Management
- Supply chain and quality
- Advertising
- Business development
- Marketing
- Market research
- Export marketing
- Human resources
- Recruitment
- Training and development
- New product development
- Accounting
- Finance
- Inward investment
- Exporting

Employment Links

Graduate employers include PwC, Randox, Deloitte, BDO, Bombardier, Google, Microsoft, Unilever, Mercer, Accenture, KPMG, Diageo, M&S, Tesco, Local Government including Councils, Health Trusts, College and Universities, Invest Northern Ireland, Bank of Ireland.

Further Study

Students are also well equipped to undertake further study in management or other related disciplines, and can choose from a wide range of Master's programmes as well as a comprehensive list of research topics; see the School website for further information.

Queen's Management School is committed to the continuous improvement and enhancement of all of its degree programmes. New modules may be developed and included to replace or enhance those which are mentioned here.

“Within the first semester of my final year I was able to secure a marketing graduate job with Diageo in Dublin. I strongly believe that the range of modules and skills the Business Management course had to offer enhanced my CV and experiences that helped secure the job. The course uses a range of different assessments between assignments, presentations, group work and research projects which allow students to develop a range of experiences and challenges that are great to apply in interviews.”

Hannah Todd
BSc Business Management Graduate

Entrance requirements

e: admissions@qub.ac.uk
t: +44 (0)28 9097 3838

Course information

Dr Stephanie Graham
Programme Director
Queen's Management School

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w: qub.ac.uk/mgt

CHEMICAL ENGINEERING

Chemical Engineering is concerned with the design and operation of processes which convert materials and energy into the higher value products we use every day. It understands the processes which occur at the small scale and relates these to the larger scale production of, for example: pharmaceuticals, food stuffs, energy, polymers, lubricants, fuels, semiconductors, batteries, paints and coatings.

The main tools of the Chemical Engineer are the applied sciences, engineering, technology, finance and management in that as a Chemical Engineer you become proficient in not only identifying how to convert materials into functional products but also in how to construct, operate and manage facilities so that they are economical, ethical and sustainable. It borders and overlaps with other engineering disciplines including mechanical, electrical and civil engineering as well as business studies and entrepreneurship.

COURSE CONTENT

All degrees are modular, with the equivalent of six modules in each year (note these may be split into sub modules). Within these modules, students will develop their skills in core chemical engineering subject matter and have the opportunity to enhance these skills through laboratory practicals, computer workshops and engineering design. Our programme is supplemented by courses in chemistry and professional development with more advanced modules in areas such as energy and materials, delivered in the later years. To obtain professional accreditation, students must follow a defined pathway.

Stage 1

Stage 1 provides you with introductory Chemical Engineering and supporting content. This introduces the principles and processes which explain how matter heats, moves and changes through different physical states or via reactions. Stage 1 courses are outlined below:

- Fundamentals of Chemistry
- Introduction to Engineering Design
- Maths for Chemists & Engineers
- Physical Theory
- Principles of Heat, Mass and Momentum Transfer

Stage 2

Stage 2 extends your knowledge of Chemical Engineering subject matter, building depth in the areas of thermodynamics and heat and mass transfer and providing training in the use of computational tools to design, model and control systems. Stage 2 courses are outlined below:

- Chemical Process Thermodynamics
- Chemical Plant Design and Operation
- Fluid Mechanics
- Heat and Mass Transfer
- Process Control
- Safety and Mechanical Design

Stage 3

Stage 3 continues to add depth to core chemical engineering material and introduces new areas such as biochemical engineering. You will get to practice your skills through the design of a Chemical plant - this includes the calculation of material and energy flows, safety and environmental aspects as well as economics to demonstrate overall feasibility. Stage 3 courses are outlined below:

- Biochemical Engineering
- Chemical Reactor Design and Process Integration
- Design Project (Part 1; Part 2 is optional)
- Mass and Heat Transfer
- Research Project (optional)
- Transport Phenomena

BEng Honours

Chemical Engineering 3 yrs (H800)
Chemical Engineering with a Year in Industry 4-yr SW (H804)

MEng Honours

Chemical Engineering 4 yrs (H802)
Chemical Engineering with a Year in Industry 5-yr SW (H805)

See also Chemistry

Entrance Requirements

BEng

A-level:

BBB including Mathematics and at least one from Chemistry (preferred), Biology, Computer Science, Digital Technology, Geography, ICT (not Applied), Physics, Software Systems Development, Technology and Design or Double Award Life & Health Sciences.

BTEC Extended Diploma:

A relevant BTEC Extended Diploma with 100 credits at Distinction and 80 credits at Merit. Distinctions will be required in stipulated relevant units.

Note: applicants not offering Chemistry or Physics at A-level should have a minimum of a grade C/4 in either GCSE Chemistry and Physics or GCSE Double Award Science grades CC/44.

MEng

A-level:

AAA including Mathematics at least one from Chemistry (preferred), Biology, Computer Science, Digital Technology, Geography, ICT (not Applied ICT), Physics, Software Systems Development, or Technology and Design.

Note: applicants not offering Chemistry or Physics at A-level should have a minimum of a grade B/6 in either GCSE Chemistry and Physics or GCSE Double Award Science grades BB/66.

Note: applicants for the MEng degree will automatically be considered for admission to the BEng degree if they are not eligible for

entry to the MEng degree both at initial offer making stage and when results are received.

Option to Transfer: transfers between BEng and MEng may be possible at the end of Stage 2.

For students whose first language is not English

An IELTS score of 6.0 with a minimum of 5.5 in each test component or an equivalent acceptable qualification, details of which are available at:
go.qub.ac.uk/EnglishLanguageReqs

MEng (Stage 4)

MEng students take a fourth year, when they study research-led modules in advanced Chemical Engineering and specialist topics such as analysis and computer simulation of advanced chemical processes, energy and quality management, and safety and environmental management. There are further professional studies modules involving an entrepreneurial project in this year, and a major industrial project.

Opportunities to study abroad under the Erasmus exchange programme and Study USA are available. We also have exchanges with Chalmers Technical University in Gothenburg, Sweden, and with Delft Technical University in Delft, the Netherlands.

WHY QUEEN'S?

Accreditation

The degrees are accredited by the Institution of Chemical Engineers.

Student Experience

The UK's only combined Chemistry and Chemical Engineering School within the Russell group – this includes a common curriculum in the first semester which offers the possibility of transfers between the departmental subjects. The interface between science and engineering provides a unique environment for teaching and research.

Placement

Many of our students undertake placements and in recent years placement employers have included Invista, BP Chemicals, Shell, ExxonMobil, Du Pont, Almac, P&G, Pfizer, Merck Sharp & Dohme, Eli-Lilly, GSK, Alexion, Seagate, Intel, Unilever, EDF and Norbrook.

CAREERS/FURTHER STUDY

Studying for a Chemical Engineering degree at Queen's will assist you in developing the core skills and employment-related experiences that are valued by employers, professional organisations and academic institutions.

Our graduates are well regarded by many local, national and international employers. Over half of all graduate jobs are now open to graduates of any discipline, including chemical engineering.

We regularly consult with, and develop links with, a large number of global employers from a variety of sectors spanning the pharmaceutical industry (including Eli Lilly, MSD, Pfizer, Alexion, Abbvie and GSK), energy (including Shell, Petronas and BP) and Chemicals/Speciality products (Invista, Seagate, and Johnson Matthey). Furthermore, we work with a range of local and start-up/spin-out companies including Almac, GLT and MOF Technologies.

Further Study

Further study is also an option – graduates can choose one of our Master's programmes, as well as a comprehensive list of research topics; see the School website for further information.

Athena SWAN

The school has been awarded the prestigious Athena SWAN silver award for its work in promoting women in science.

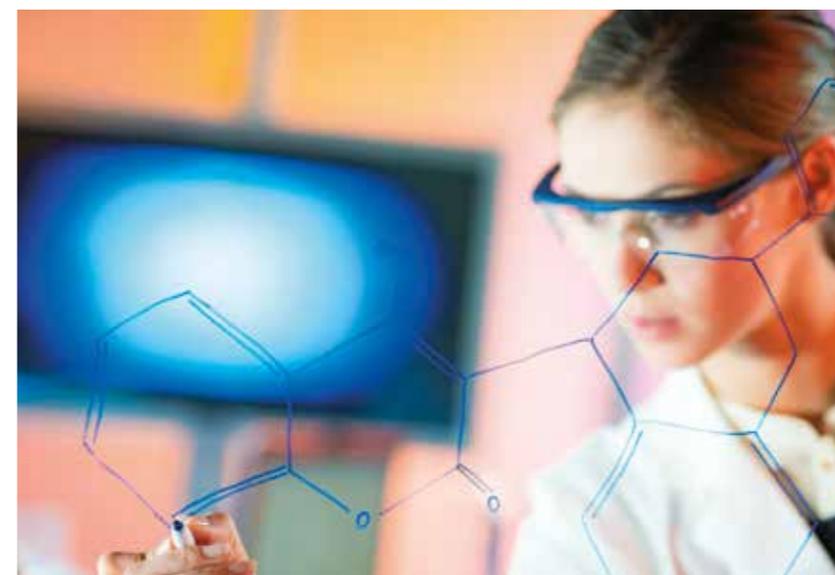
Entrance requirements

e: admissions@qub.ac.uk
t: +44 (0)28 9097 3838

Course information

School of Chemistry and Chemical Engineering

e: candce@qub.ac.uk
t: +44 (0)28 9097 5570
w: ch.qub.ac.uk



CHEMISTRY

Chemistry is a core science subject that touches almost every aspect of our daily lives, and will become increasingly important in our future knowledge-based society. Chemists develop life-saving drugs, next-generation energy materials, chemical sensors and 'green' synthetic pathways that can enhance our quality of life beyond measure.

Four-year MSci degrees are available for high-calibre students with the ability and aspiration to practice Chemistry at the highest levels. BSc students with excellent performance may transfer to the MSci up to the end of Stage 2.

COURSE CONTENT

While providing dedicated subject-specific learning, our Chemistry degrees strongly emphasise opportunities to develop generic problem-solving and reflective-working practices applicable to a range of career paths and patterns of employability.

Many of the elements of the BSc are in common with the MSci programme, and allow students to transfer between the two pathways, subject to meeting the appropriate programme requirements.

All degrees are modular, with six in each year. All provide a thorough training in the main subject areas (Analytical, Inorganic, Organic and Physical Chemistry) through compulsory core modules which offer in-depth study of these areas.

BSc Honours (Chemistry)

Year 1

Students study a common programme with the Chemical Engineers, giving them an understanding of how the two subjects relate to each other and an opportunity to transfer if they decide they are better suited to the other discipline. Key to this is a course structure permitting students to study both introductory Chemistry, and Chemical Engineering, alongside a couple of skills modules equipping students to proceed on either degree programme.

In the second semester students take modules covering the main fundamental subject areas; analytical, inorganic, organic and physical chemistry.

Year 1 courses are outlined below:

- Organic Chemistry Level 1
- Skills for Physical Chemistry
- Introductory Mathematics for Chemists and Engineers
- Inorganic Chemistry 1
- Physical Theory

Year 2

Students are required to take six modules of chemistry, designed to extend their knowledge of the traditional subject areas of analytical, inorganic, organic and physical chemistry, in addition to introducing aspects of applied chemistry, spectroscopy and theoretical chemistry. Each of the modules contain both practical and coursework components allowing students to develop, practice and demonstrate a wide range of professional skills.

Stage 2 courses are outlined below:

- Physical Chemistry 2
- Structural Chemistry
- Organic Chemistry 2
- Inorganic Chemistry 2
- Industrial and Green Chemistry
- Quantum Theory, Spectroscopy and Bonding

Year 3

In addition to advancing the main subject areas of analytical, organic, inorganic and physical chemistry, students can also select a number of applied options allowing opportunities to specialise. Students will undertake a series of mini-projects in each of the main subject areas and will acquire both subject-specific and generic skills to act as a springboard to a successful career.

BSc Honours

Chemistry 3 yrs (F100)

Chemistry with a Year in Industry 4-yr SW (F104)

Medicinal Chemistry 3 yrs (F150)

Medicinal Chemistry with a Year in Industry 4-yr SW (F154)

MSci Honours

Chemistry 4 yrs (F105)

Chemistry with a Year in Industry 5-yr SW (F107)

Chemistry with Study Abroad 4 yrs (F106)

Chemistry with Study Abroad 4 yrs (F106)

Medicinal Chemistry 4 yrs (F15A)

Medicinal Chemistry with a Year in Industry 5-yr SW (F15C)

See also Chemical Engineering

Entrance Requirements

BSc options

BSc Chemistry and BSc Medicinal Chemistry

A-level:

BBB including Chemistry and a second Science subject (see list below) + GCSE Mathematics grade C/4

MSci options

MSci Chemistry / MSci Medicinal Chemistry

A-level:

AAA including Chemistry and a second Science subject (see list below) + GCSE Mathematics grade C/4

MSci Chemistry with Study Abroad

A-level:

AAA including Chemistry and a second Science subject (see list below) + GCSE Mathematics grade C/4

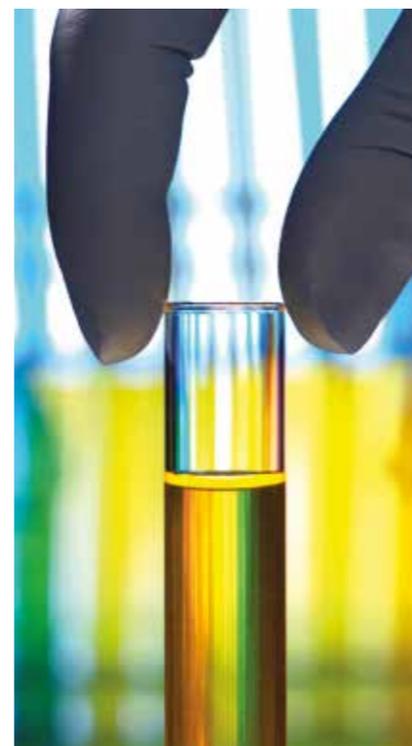
Acceptable second Science subjects:

Biology, Computer Science, ICT (not Applied), Environmental Science, Environmental Technology, Geography, Geology, Mathematics, Physics, Technology & Design. Other subjects considered on an individual basis.

Note: applicants for the MSci degree will automatically be considered for admission to the BSc degree if they are not eligible for entry to the MSci degree both at initial offer making stage and when results are received.

For students whose first language is not English

An IELTS score of 6.0 with a minimum of 5.5 in each test component or an equivalent acceptable qualification, details of which are available at: go.qub.ac.uk/EnglishLanguageReqs



Different pathways offer opportunities to specialise. In the later stages there are optional specialist modules and extended practical/project work. The specialist pathways available consist of additional elements which are detailed below:

Stage 3 courses are outlined below:

- Inorganic Chemistry 3
- Physical Chemistry 3
- Advanced Chemistry Options
- Organic Chemistry 3
- Advanced Practical Work in Chemistry

Chemistry with Study Abroad

Students spend their third year in an overseas academic institution then return to Queen's for a final year of study.

BSc Sandwich

Students spend their third year working in industry (subject to the availability of a suitable placement), then return to Queen's for a final year of study.

MSc with a Year in Industry:

Students spend their fourth year working in industry - subject to the availability of a suitable placement - then return to Queen's for a final year of study.

Medicinal Chemistry

Students take modules which include Biochemistry, Genetics and Medicinal Chemistry, and undertake a medicinal or biological project. There are also BSc Sandwich and MSc with Industry courses in Medicinal Chemistry.

WHY QUEEN'S?

Employer Links

Many of the research projects within the School have industrial input, and are in collaboration with a wide variety of companies operating in the chemical sector. Given the close working relationships, between industry and the School of Chemistry and Chemical Engineering new opportunities to expand placements, industrial contact and career opportunities are continually developing.

Accreditation

The degrees are accredited by the Royal Society of Chemistry and the Institute of Chemistry of Ireland.

Placements

Our past students have also gained work placement with organisations such as:

- Teva (Pharmaceuticals)
- Almac (Pharmaceuticals)
- Norbrook (Veterinary pharmaceuticals)
- Randox (Medical diagnostics)
- Seagate
- Boehringer Ingelheim (Pharmaceuticals)

Student Experience

The School is targeting two of the biggest challenges of the 21st century – Sustainability and Healthcare. As the UK's only combined Chemistry and Chemical Engineering School within the Russell group, we are expertly placed to equip the next generation of scientists to address these issues.

CAREERS/FURTHER STUDY

Studying for a degree in Chemistry at Queen's will assist you in developing the core skills and employment-related experiences that are valued by employers, professional organisations and academic institutions. Graduates from this degree at Queen's are well regarded by many employers (local, national and international) and over half of all graduate jobs are now open to graduates of any discipline, including chemistry.

BSc Chemistry graduates have entered careers in a wide variety of fields, including the pharmaceutical and fine chemical industry, publishing, marketing and teaching.

Athena SWAN

The school has been awarded the prestigious Athena SWAN silver award for its work in promoting women in science.

Entrance requirements

e: admissions@qub.ac.uk
t: +44 (0)28 9097 3838

Course information

School of Chemistry and Chemical Engineering

e: candce@qub.ac.uk
t: +44 (0)28 9097 5570
w: ch.qub.ac.uk

CIVIL ENGINEERING

Civil engineers provide the infrastructural support required to sustain life. This includes water and power, roads, railways, schools, hospitals, flood protection and the developed city skyline. They provide the technical skills needed to protect the environment.

Civil Engineering was one of the founding degrees at Queen's, making it one of the oldest in the UK and Ireland. Staff lead high-quality research and are recognised for their excellence in teaching.

Civil Engineering at Queen's was ranked 9th in the UK in the Complete University Guide 2020.

COURSE CONTENT

These degrees are designed to provide students with a good basis for a professional career as a chartered Civil Engineer. Emphasis is placed on the practical application of theory through design and laboratory work.

The degrees contain an element of modular choice, but all students are required to take modules which will equip them with the technical, management and professional skills needed for a career in civil engineering.

Stage 1

Students study the fundamentals of civil engineering theory and practice. This forms the transition from the basic mathematics and sciences studied at secondary level to engineering applications.

Stage 1 courses provide a foundation in engineering mathematics, construction materials, fluids mechanics, structural behaviour, surveying, and engineering design.

Stage 2

This is a very important year of study, when the major knowledge of civil engineering subjects and their application within design are developed.

Students following the sandwich degree will take an Industrial Placement Year between Stages 2 and 3 for both BEng and MEng students, or between Stages 3 and 4 for MEng students.

Stage 2 courses develop students' understanding of the core areas of geotechnics, structures, mathematics,

and design. There are options to specialise in either civil engineering by taking hydraulics and highways or structural engineering by taking courses related to architecture and urban planning.

Stage 3

Theory is applied in a professional context in Stage 3. Students are introduced to management and economics within the civil engineering profession.

All students undertake a major individual research project.

Stage 3 courses extend students' understanding of the core areas of geotechnics, structures, construction management and design. There are options to specialise in either civil engineering by taking hydraulics or structural engineering by taking courses related to architectural design.

Stage 4

The MEng is an Integrated Master's programme, therefore Stage 4 is set at Master's level.

In this year students develop knowledge of building construction and business management. They work in teams on large integrated designs, which form a substantial part of their studies. They broaden their knowledge through a wide choice of modules, while being required to take relevant core civil engineering subjects to advanced level.

BEng Honours

Civil Engineering 3 yrs (H200)
Civil Engineering with a Year in Industry 4-yr SW (H204)

MEng Honours

Civil Engineering 4 yrs (H202)
Civil Engineering with a Year in Industry 5-yr SW (H205)

See also Environmental and Civil Engineering and Structural Engineering with Architecture

Entrance Requirements

BEng

A-level:

ABB including Mathematics and at least one from Biology, Chemistry, Computing, Digital Technology, Geography, ICT (not Applied ICT), Physics, Software Systems Development, Technology and Design or Double Award Life & Health Sciences.

BTEC Extended Diploma:

A relevant BTEC Extended Diploma with 120 credits at Distinction and 60 credits at Merit. Distinctions will be required in stipulated relevant units.

Note: applicants not offering Physics at A-level should have a minimum of a grade C/4 in GCSE Physics or GCSE Double Award Science grades CC/44.

BTEC HND and HETAC Ordinary Degree:

Applicants offering a high standard in a relevant HND or HETAC Ordinary degree may be granted direct entry to Stage 2.

MEng

A-level:

AAA including Mathematics and at least one from Biology, Chemistry, Computing, Digital Technology, Geography, ICT (not Applied ICT), Physics, Software Systems Development or Technology and Design.

Note: applicants not offering Physics at A-level should have a minimum of a grade B/6 in GCSE Physics or GCSE Double Award Science grades BB/66.

Note: MEng applicants will automatically be considered for admission to the BEng if they are not eligible for entry to the MEng, both at initial offer-making stage and when results are received.

Option to Transfer: transfers between BEng and MEng may be possible at the end of Stage 2.

For students whose first language is not English

An IELTS score of 6.0 with a minimum of 5.5 in each test component or an equivalent acceptable qualification, details of which are available at: go.qub.ac.uk/EnglishLanguageReqs

WHY QUEEN'S?

Civil Engineering at Queen's is an academic partner of the Institution of Civil Engineers and has one of the highest graduate employment rates in the Russell Group of universities.

BEng (Hons) Accredited CEng (Partial)

Accredited as partially satisfying the educational base for a Chartered Engineer (CEng). A programme of accredited Further Learning will be required to complete the educational base for CEng. See



jbm.org.uk for further information and details of further learning programmes for CEng.

MEng Accredited CEng (Full)

Accredited as fully satisfying the educational base for a Chartered Engineer (CEng). See jbm.org.uk for further information.

Placement

Many of our students have also gained international work placement through organisations such as the International Association for the Exchange of Students for Technical Experience.

CAREERS/FURTHER STUDY

On graduating with an Honours degree, students are able to choose from a range of rewarding and challenging careers in Civil Engineering and are also sought after in accountancy, commerce, education and research. The majority of graduates take up posts associated with design and construction. Some embark on management, accountancy and finance careers, while others go into teaching and research. Employment in consulting engineers' offices and in the public sector will centre on feasibility, planning and detailed design. Alternatively, work with a contracting company will provide extensive experience on site where management skills are important in addition to technical knowledge. Our engineering graduates

are also to be found in many other areas of employment where the skills and discipline of evaluating facts, decision making and management have provided them with the basis for rewarding and interesting careers.

Studying for a civil engineering degree at Queen's will assist you in developing the core skills and employment-related experiences that are valued by employers, professional organisations and academic institutions. Graduates from this degree at Queen's are well regarded by many employers (local, national and international) and over half of all graduate jobs are now open to graduates of any discipline, including Civil Engineering.

Although the majority of our graduates are interested in pursuing careers in Civil Engineering significant numbers develop careers in a wide range of other sectors.

Further Study

Graduates can also choose further study from a wide range of Master's programmes as well as a comprehensive list of research topics; see the School website for further information.

"I decided to study Civil Engineering because of the wealth of opportunities it would provide. Engineers are sought out all over the world and I knew that my maths and physics abilities would lend themselves to Civil Engineering. The main reason I chose Queen's was its reputation for Civil Engineering."

Rebekka McLwaine,
Graduate Civil Engineer

Entrance requirements

e: admissions@qub.ac.uk
t: +44 (0)28 9097 3838

Course information

School of Natural and Built Environment

e: snbe@qub.ac.uk
t: +44 (0)28 9097 4006
w: qub.ac.uk/schools/NBE

COMMON AND CIVIL LAW WITH FRENCH

This is a fully integrated programme between Law and French. This is a fully integrated programme between Law and French. You will study the Law of Northern Ireland as well as aspects of French Law.

The degree includes a year abroad which provides a unique opportunity for linguistic development. In a globalised workforce proficiency in an additional language, together with the experience of studying abroad, significantly enhances your employability.

COURSE CONTENT

The degree offers students the opportunity to study the modules required for the academic stage of legal qualification.

Stage 1

- French 1
- Legal Methods and Skills
- Constitutional and Administrative Law
- Careers and Employability
- Contract Law

Stage 2

- French 2
- Company Law and Corporate Governance
- Tort
- Criminal Law
- EU Law

After completion of Stage 2 students spend an academic year abroad before returning to complete Stage 3.

Stage 3

- French 3
- Land Law
- Equity and Trusts
- Evidence and Criminal Procedure

Law Optional Modules*

- Gender, Justice and Society
- Global Business Law and Regulation
- Intellectual Property Law
- International Criminal and Transitional Justice
- International Humanitarian
- Business and Human Rights
- Clinical Law

*Please note this is not an exclusive list of the optional modules available. Optional modules are reviewed each year. Optional modules are subject to timetabling and staff availability.

WHY QUEEN'S?

Qualifying as a Lawyer

All of the undergraduate Law degrees offered at Queen's are recognised qualifying law degrees by legal professional bodies in Northern Ireland.

They also help to prepare students for the next stage of legal qualification in England and Wales and the Republic of Ireland.

Opportunity for Specialisation

Students can tailor their degree to suit their needs. We have an extensive range of optional modules which allow students to specialise in their chosen area of law.

Global Opportunities

You will have the opportunity to take part in overseas exchanges with partner universities in Europe.

World-Class Facilities

The £20m School at Queen's offers students access to World-Class facilities such as a fully interactive Moot Court room, a One Button Recording Studio and a wellbeing room.

Student Experience

Students can join a number of student-led initiatives within the School including the Law Society, the Alternative Dispute Resolution Society and the Street Law Project. Other initiatives include the Queen's Student Law Journal, Lawyers without Borders, the student magazine 'The Verdict' and the Mooting Society.

LLB Honours

Common and Civil Law with French 4 yrs (M2R1)

See also Law, Law with Politics and Common and Civil Law with Hispanic Studies

Entrance Requirements

A-level:

AAA including A-level French grade A

For students whose first language is not English

An IELTS score of 6.5 with a minimum of 5.5 in each test component or an equivalent acceptable qualification, details of which are available at: go.qub.ac.uk/EnglishLanguageReqs

CAREERS/FURTHER STUDY

Although a large percentage of our graduates are interested in pursuing careers in Law, significant numbers develop careers in a wide range of other sectors.

Typical career destinations of graduates include:

- Solicitor
- Barrister
- Legal Professional
- Legal Executive
- Legal Analyst
- Compliance Officer
- Accountant
- Financial Engineer
- Business Analyst
- Management
- Civil Service

Our past students have also gained work placements with organisations such as:

- The Council of the EU
- The European Commission
- The European Parliament
- The United Nations (UN)
- The Organisation for Security and Co-operation in Europe (OSCE)
- The Council of Europe
- Thomson Reuters

Graduate Employers

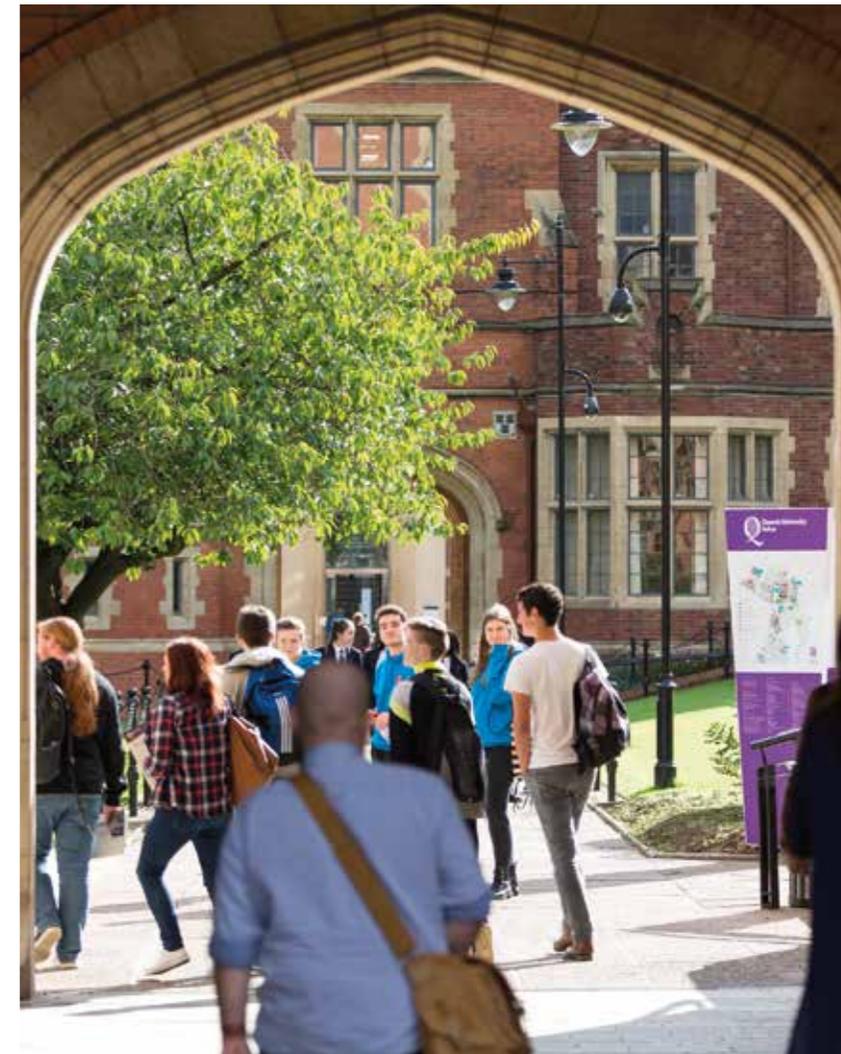
AandL Goodbody; Allen and Overy; Baker McKenzie; Carson McDowell; CitiGroup; Deloitte; EY; First Derivatives; PwC; Wilson Nesbitt; Herbert Smith Freehills.

Further Study

Further study is also an option open to Law graduates. Students can choose to progress to a vocational course (Solicitor or Barrister course) or can choose from a wide range of Master's programmes: LLM Criminology and Criminal Justice; LLM Human Rights Law; LLM International Business Law (with Placement option); LLM Law; LLM Law and Technology.



LAW IS RANKED 85 IN THE WORLD
(Times Higher Education World University Rankings by Subject 2020)



"Studying a Law with French degree at Queen's has given me the best possible start to my career as a Trainee Solicitor. I gained invaluable and transferable skills and my year abroad Erasmus experience in Lyon, France allowed for personal and professional growth."

Jodie Rankin,
LLB Common and Civil Law
with French Graduate

Entrance requirements
e: admissions@qub.ac.uk
t: +44 (0)28 9097 3838

Course information
Dr Kevin Brown,
Programme Director for
LLB pathways
School of Law

e: k.brown@qub.ac.uk
t: +44 (0)28 9097 3858
w: qub.ac.uk/law

COMMON AND CIVIL LAW WITH HISPANIC STUDIES

This is a fully integrated programme between Law and Spanish. You will study the Law of Northern Ireland as well as aspects of Spanish Law.

The degree includes a year abroad which provides a unique opportunity for linguistic development. In a globalised workforce proficiency in an additional language, together with the experience of studying abroad, significantly enhances your employability.

COURSE CONTENT

The degree offers students the opportunity to study the modules required for the academic stage of legal qualification.

Stage 1

- Spanish 1
- Legal Methods and Skills
- Constitutional and Administrative Law
- Careers and Employability Skills
- Contract Law

Stage 2

- Spanish 2
- Company Law and Corporate Governance
- Tort
- Criminal Law
- EU Law

After completion of Stage 2 students spend an academic year abroad before returning to complete Stage 3.

Stage 3

- Spanish 3
- Land Law
- Equity and Trusts
- Evidence and Criminal Procedure

Law Optional Modules*

- Gender, Justice and Society
- Global Business Law and Regulation
- Intellectual Property Law
- International Criminal and Transitional Justice
- International Humanitarian
- Business and Human Rights
- Clinical Law

*Please note this is not an exclusive list of the optional modules available. Optional modules are reviewed each year. Optional modules are subject to timetabling and staff availability.

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Students can join a number of student-led initiatives within the School including the Law Society, the Alternative Dispute Resolution Society and the Street Law Project. Other initiatives include the Queen's Student Law Journal, Lawyers without Borders, the student magazine 'The Verdict' and the Mooting Society.

LLB Honours

Common and Civil Law with Hispanic Studies 4 yrs (M2R4)

See also Law, Law with Politics and Common and Civil Law with French

Entrance Requirements

A-level:

AAA including A-level Spanish grade A

For students whose first language is not English

An IELTS score of 6.5 with a minimum of 5.5 in each test component or an equivalent acceptable qualification, details of which are available at: go.qub.ac.uk/EnglishLanguageReqs

CAREERS/FURTHER STUDY

Although a large percentage of our graduates are interested in pursuing careers in Law, significant numbers develop careers in a wide range of other sectors.

Typical career destinations of graduates include:

- Solicitor
- Barrister
- Legal Professional
- Legal Executive
- Legal Analyst
- Compliance Officer
- Accountant
- Financial Engineer
- Business Analyst
- Management
- Civil Service

Our past students have also gained work placements with organisations such as:

- The Council of the EU
- The European Commission
- The European Parliament
- The United Nations (UN)
- The Organisation for Security and Co-operation in Europe (OSCE)
- The Council of Europe
- Thomson Reuters

Graduate Employers

AandL Goodbody; Allen and Overy; Baker McKenzie; Carson McDowell; CitiGroup; Deloitte; EY; First Derivatives; PwC; Wilson Nesbitt; Herbert Smith Freehills.

Further Study

Further study is also an option open to Law graduates. Students can choose to progress to a vocational course (Solicitor or Barrister course) or can choose from a wide range of Master's programmes: LLM Criminology and Criminal Justice; LLM Human Rights Law; LLM International Business Law (with Placement option); LLM Law; LLM Law and Technology.



"I chose a joint degree as I am aware of demanding studying law can be studying Spanish gives you a nice break and adds variation to your degree. Also, I personally believe that having a second language is essential and beyond helpful in not only a legal career but any career. It looks amazing to lawyers as it requires dedication and develops a specific set of skills."

Erin Makin,
LLB Common and Civil Law with Hispanic Studies Student



LAW IS RANKED 85 IN THE WORLD
(Times Higher Education World University Rankings by Subject 2020)

Entrance requirements
e: admissions@qub.ac.uk
t: +44 (0)28 9097 3838

Course information
Dr Kevin Brown,
Programme Director for LLB pathways
School of Law

e: k.brown@qub.ac.uk
t: +44 (0)28 9097 3858
w: qub.ac.uk/law

COMPUTER SCIENCE

From driving cancer research forward to accurately predicting the weather, Computer Scientists are powering progress. In fact everything from social care to cybersecurity or even space travel, relies on the talents of Computer Science graduates. We would say the sky is the limit, but we're already well beyond that! A degree in Computer Science teaches you to approach technical problems creatively. It also gives you the information and understanding to find ground-breaking solutions to the world's emerging problems. The course will also equip you with the practical skills to approach the specification, design, construction and use of computer systems. In an ever changing technological climate, the Computer Science degree programme is constantly evolving to anticipate emerging digital breakthroughs. You will cover topics like machine learning, augmented reality and data analytics, but also receive a grounding in skills like hardware architecture, software engineering and simulation & modelling too.

COURSE CONTENT

These degrees aims to teach the necessary skills, tools and techniques to enable our graduates to embark on careers as IT professionals in a wide variety of roles, and involves extensive practical work with a significant portion completed in team-orientated projects.

There is an emphasis on user experience and information security throughout the degree, which contains the following themes which may change due to the nature of the IT Industry and keeping up with industrial trends:

Year 1

- Reasoning for Problem Solving
- Introduction to Software Engineering
- Foundations of Computing Systems

Year 2

- Professional Computing Practice
- Architecture and Networks
- Theory of Computation
- Software Development
- Information Modelling
- Data Structures, Algorithms and Programming Languages

Students on a sandwich programme will spend a year on a paid full-time placement. The School has links with over 500 local, national and international employers, eg

BT, Liberty IT, Civica, Kainos (Belfast), IBM (England), Microsoft, Oracle (Dublin), Fujitsu (Japan) and Siemens (Germany), and students are assisted in obtaining placements.

Year 3

- Formal Methods
- Artificial Intelligence
- Concurrent Programming
- Intelligent Information System
- Agile & Component Based Development using NET Information System Security
- Advanced Computer Architecture

These advanced modules permit each student to tailor their skills towards one or more areas of computer science specialism.

Year 4 (MEng)

This is a four-year extended degree, established to provide a supply of particularly well-qualified graduates who will become industry leaders. It contains a blend of Computer Science knowledge and skills and business practice and management, as well as skills in conducting state-of-the-art research. Students have the option of a year's professional experience in industry.

The first two years and much of Year 3 are common with the BSc/BEng degree. Transfer to the MEng is possible for selected students at the end of Stage 2, subject to performance. Stage 4 themes include:

BSc Honours

Computer Science 4-yr SW (G400)
Mathematics and Computer Science 3 yrs (GG41)

MEng Honours

Computer Science 4 yrs (G402)
Computer Science 5-yr SW (G405)

MSci Honours

Mathematics and Computer Science 4 yrs (GGK1)

See also Software Engineering and Computing and Information Technology

Entrance Requirements

For MSci and BSc Joint Honours with Mathematics entrance requirements see Mathematics entry.

BSc Single Honours

A-level:

BBB including Computing, Mathematics or Software Systems Development + GCSE Mathematics grade C/4.

OR

ABB including Chemistry, Digital Technology, GCE A-level ICT (not Single Award Applied ICT), Physics, Technology and Design or Double Award Applied ICT + GCSE Mathematics grade C/4.

BTEC Extended Diploma:

A relevant computing, engineering or scientific BTEC Extended Diploma with 120/100 credits at Distinction and 60/80 credits at Merit + GCSE Mathematics grade C/4.

BTEC Higher National Diploma/ Foundation Degree:

Those with good grades in a relevant Higher National Diploma/Foundation Degree will be considered individually on their merits for entry to Stage 2 + GCSE Mathematics grade C/4.

MEng Honours

A-level:

AAB including Computing, Mathematics or Software Systems Development + GCSE Mathematics grade C/4

OR

AAA including Chemistry, Digital Technology, GCE A-level ICT (not Single Award Applied ICT), Physics, Technology and Design or Double Award Applied ICT + GCSE Mathematics grade C/4.

BTEC Extended Diploma:

A relevant computing, engineering or scientific BTEC Extended Diploma with 160 credits at Distinction and 20 credits at Merit + GCSE Mathematics grade C/4.

All applicants:

Computer Science, Computing and Information Technology and Software Engineering share a common core of modules in the first year, so students may therefore transfer between these degrees at the end of first year, subject to meeting the normal progression requirements. In addition, MEng applicants will automatically be considered for admission to the BSc course if they are not eligible for entry to the MEng, both at initial offer-making stage and when results are received.

For students whose first language is not English

An IELTS score of 6.0 with a minimum of 5.5 in each test component or an equivalent acceptable qualification, details of which are available at: go.qub.ac.uk/EnglishLanguageReqs

The Computer Science programme at Queen's is ranked in the top 175 in the world.

(Times Higher Education World University Rankings 2018)

- Research and Development Project
- Advanced Intelligent Information System
- Advanced Software Engineering
- HPC Principle Parallel Program
- Algorithms: Analysis and Applications

WHY QUEEN'S?

Links with Industry

The School has links with over 500 IT companies both here and abroad. We benefit from the fact that there are more software companies located in N Ireland than any other part of the UK, outside of London. This offers benefits on many levels for our students, from industrial input to the content of our courses, through to year long and summer placements as well as activities such as competitions organised by the companies.

Scholarships

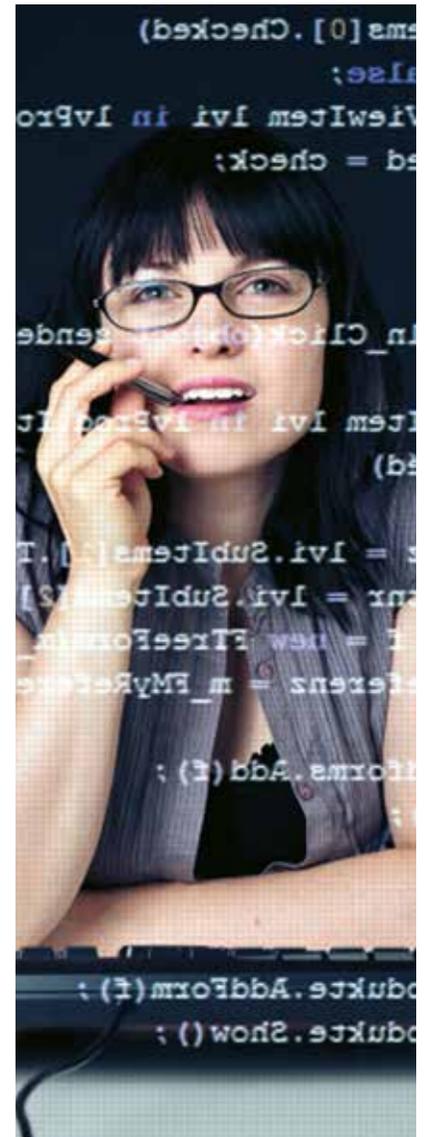
Due to the high demand for Computer Science graduates, some 15–20 scholarships are available, including some sponsored by Civica, Citi and Liberty IT, worth up to £25k. All provide for a cash stipend each academic year, a guaranteed industrial placement, an opportunity for additional part-time work during the academic year, plus the opportunity of a permanent position on graduation. For further information on these and other scholarships available, see the School Website.

CAREERS/FURTHER STUDY

Northern Ireland has an excellent international reputation for the quality and supply of its software engineers. Indeed many companies, both national and international, have opted for Northern Ireland as a base for their computing divisions in recognition of the high quality of graduates produced by the local universities.

Given this situation, it is not surprising that our graduates have had unparalleled job opportunities over the years, both locally and internationally. Because of the achievements of Queen's graduates already in the software engineering profession, a Computer Science degree from Queen's is a highly respected qualification. A good Honours degree in Computer Science from Queen's is of great benefit in seeking the best jobs.

The types of career open to Computer Science graduates include: Software Engineer; Systems Analyst; Web Designer; Games Developer; Systems Developer; IT Consultant; Project Manage



Entrance requirements

e: admissions@qub.ac.uk
t: +44 (0)28 9097 3838

Course information

School of Electronics, Electrical Engineering and Computer Science

e: eeecs@qub.ac.uk
t: +44 (0)28 9097 4669
w: qub.ac.uk/eeecs

COMPUTING AND INFORMATION TECHNOLOGY

Technology advances at a rapid pace and businesses must adapt if they are to compete in an ever expanding global economy. A degree in Computer and Information Technology gives you a grounding in a broad range of information technology subjects as well as the skills to manage and administrate complex digital infrastructure.

The course develops applied computing, interpersonal, communication and IT skills and readies graduates to develop, select, deliver, manage and maintain cutting-edge IT infrastructures and advanced IT systems. It is ideal for students who are interested in IT and are keen to learn programming, web development, database design and human-computer interaction, it also requires team working skills and nuanced interpersonal interaction.

This is further enhanced by a placement year, where you will put into practice the skills you have acquired. In fact, employer experience is embedded into every aspect of Computer and Information Technology at Queen's. This allows students to engage and learn from prospective employers from day one, vastly improving our graduate employability rates.

COURSE CONTENT

This degree aims to teach the necessary skills, tools and techniques to enable our graduates to embark on careers as IT professionals in a wide variety of roles, and involves extensive practical work with a significant portion completed in team-orientated projects. There is an emphasis on user experience and information security throughout the degree, which contains the following themes:

Year 1

- Programming
- Computer Architecture, Networks and Databases
- Introductory Software Engineering
- Rigorous Problem-solving

Year 2

- Human-Computer Interaction
- Information Management Systems
- Web-based Programming
- System Administration and Maintenance
- Software Engineering

Year 3

- Placement Year

Year 4

- IT Enterprise Project
- Agile and Lean Software Development
- Data Analysis and Visualisation
- Information Systems Security
- Software Testing
- Software Design Principles and Patterns

The modules build progressively on each of these themes throughout the first two years.

Students then undertake a full year's paid placement, which is an opportunity both to practise the principles learned to date and to gain practical experience as an IT professional. Students then take their final year modules, including a major project, which pull together many of the individual themes of the degree.

BSc Honours

Computing and Information Technology with a Year in Industry 4-yr SW (GG45)

See also Computer Science and Software Engineering

Entrance Requirements

A-level:

BBB including Mathematics, Computing or Software Systems Development + GCSE Mathematics grade C/4

OR

ABB including Biology, Chemistry, Digital Technology, ICT (including Single Award Applied ICT), Physics, Technology and Design or Double Award Applied ICT + GCSE Mathematics grade C/4

OR

AAB + GCSE Mathematics grade C/4

BTEC Extended Diploma:

A non-relevant BTEC Extended Diploma with 140 credits at Distinction and 40 credits at Merit + GCSE Mathematics grade C/4

OR

A relevant computing, engineering or scientific BTEC Extended Diploma with 120/100 credits at Distinction and 60/80 credits at Merit + GCSE Mathematics grade C/4

BTEC Higher National Diploma/ Foundation Degree:

Those with good grades in a relevant Higher National Diploma/Foundation Degree will be considered individually on their merits for entry to Stage 2 + GCSE Mathematics grade C/4.

All applicants:

Computer Science, Computing and Information Technology and Software Engineering share a common core of modules in the first year, so students may therefore transfer between these degrees at the end of first year, subject to meeting the normal progression requirements.

For students whose first language is not English

An IELTS score of 6.0 with a minimum of 5.5 in each test component or an equivalent acceptable qualification, details of which are available at: go.qub.ac.uk/EnglishLanguageReqs

WHY QUEEN'S?

Placement

A student taking this programme is required to spend a year gaining professional experience in industry in a paid full-time post. Students are helped to obtain suitable places and the School has excellent links with over 500 local, national and international employers such as Microsoft, Liberty IT, Kainos, IBM, Deloitte, BT, Citi Group, SAP and Dell. It is expected that students will gain a Licentiate of the City and Guilds from this period of work experience.

CAREERS/FURTHER STUDY

Studying for a Computing and Information Technology degree at Queen's will assist you in developing the core skills and employment related experiences that are valued by employers, professional organisations and academic institutions. Graduates from this degree at Queen's are well regarded by local, national and international employers.

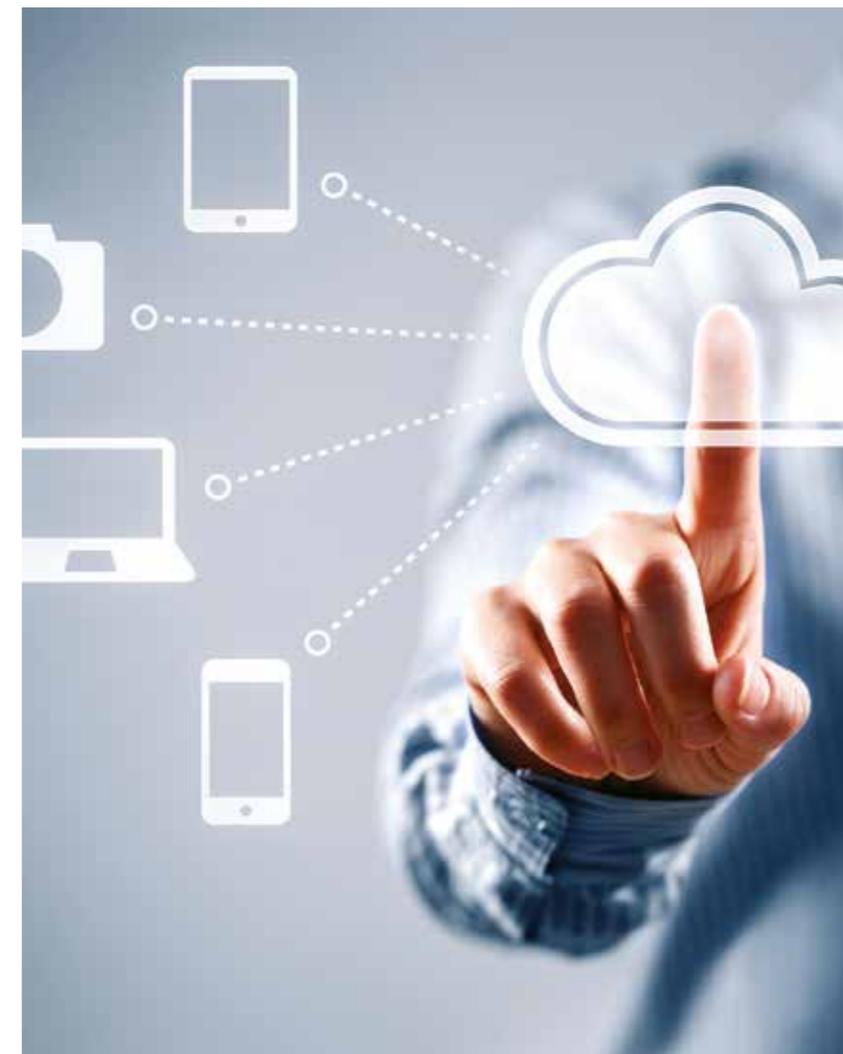
Northern Ireland has an excellent international reputation for the quality and supply of its software engineers, and many companies, both national and international, have chosen it as a base for their computing divisions in recognition of the high quality of graduates produced by the local universities.

Careers open to graduates with a BSc Honours in Computing and Information Technology include systems engineer, systems analyst, web designer, systems developer, IT consultant, and project manager.

We regularly consult and develop links with a large number of employers including, for example, Asidua and Liberty IT, who provide sponsorship for our students as well as Citi and Kainos who are members of the employer liaison panel for the course.

Further Study

Further study is also an option – graduates can choose from a range of Master's programmes as well as a list of research topics; see the School website for further information.



"The best things about my course are the students and lecturers, the projects you get to work on, and the wide variety of interesting topics that give you an excellent grounding for lots of careers. There's a good balance between practical and theory, and the chance to spend a year in industry is invaluable!"

Emma Elliott, Northern Ireland, BSc Computing and Information Technology graduate

Entrance requirements

e: admissions@qub.ac.uk
t: +44 (0)28 9097 3838

Course information

School of Electronics, Electrical Engineering and Computer Science

e: eeecs@qub.ac.uk
t: +44 (0)28 9097 4669
w: qub.ac.uk/eeecs

CRIMINOLOGY

The BA (Hons) Criminology provides a unique vantage point to study crime and justice in a society transitioning from conflict. Criminologists are interested in how activities come to be defined as ‘criminal’, and why definitions and responses to crime vary over time and place. The subject includes a broad range of perspectives on understanding crime and criminal behaviour and examines various methods in the prevention, policing and punishment of crime. The course also considers how and why people move away from crime, ways in which this might be facilitated and offenders reintegrated.

COURSE CONTENT

Stage 1

Modules often draw on international comparisons with a strong Irish (North and South) emphasis.

Compulsory modules

- Introducing Criminology
- Exploring Criminology

Optional modules

- Introducing Social Policy
- Visualising the Social World
- Rethinking Society
- The Sociological Imagination
- Comparative Politics
- Issues in Contemporary Politics
- Themes and Issues in Social Policy
- Digital Society

Stage 2

Compulsory modules

- Criminological Theory
- Policing and Society
- Crime and Society
- Qualitative Research Skills
- Quantitative Research Skills

Optional modules

- Environmental Justice
- Crime and the Media
- Theory Counts

Stage 3

Compulsory modules

- Punishment, Penal Policy and Prisons
- Research Project and Dissertation
- Youth, Crime and Criminal Justice
- Criminology Beyond Borders

Optional modules

- Psychological Perspectives on Crime
- Reintegration after Prison
- Modelling the Social World
- Social Identity: Difference and Inequalities

Exit Route

Students who wish to benefit from specialist training in quantitative research can undertake a series of dedicated social science research modules over the course of their degree studies. Successful completion of 80 CATS credits of advanced quantitative research training (four modules) in stages 2 and 3 will receive the enhancement of BSc ‘with Quantitative Methods’ added to the name of the degree awarded.

WHY QUEEN’S?

Internationally Renowned Experts

Criminology is taught by a group of internationally-recognised criminological researchers who specialise in areas such as criminal justice policy, prisons, desistance from crime, offender reintegration, drug use, youth justice, conflict and human rights.

Prizes

The highest achieving graduates are awarded the Lockheed Prize annually.

Study Abroad

Students can spend time studying in one of our linked universities in Europe. There are other opportunities to study or work abroad, supported by schemes such as Erasmus and Study USA.

BA Single Honours

Criminology 3 yrs (M900)

Criminology and Social Policy 3 yrs (ML94)

Criminology and Sociology 3 yrs (ML93)

See also Social Policy and Sociology, and Sociology

Entrance Requirements

A-level:
ABB

All applicants:

There are no specific subject requirements to study Criminology.

For students whose first language is not English

An IELTS score of 6.5 with a minimum of 5.5 in each test component or an equivalent acceptable qualification, details of which are available at: go.qub.ac.uk/EnglishLanguageReqs

Facilities

The School is located within a recently renovated building, with state-of-the-art teaching and learning facilities, together with dedicated student space including a large student common room. The teaching facilities enable an interactive learning environment.

CAREERS/FURTHER STUDY

The diversity of interests and topics covered in the discipline, plus the wide range of skills it equips you with, means that our students enter a wide range of careers on graduation. Public and private sector organisations involved in the criminal justice system continue to expand and the demand for criminology graduates is strong. The number and variety of career opportunities related to the criminal justice system has increased in recent years.

As well as the traditional criminal justice agencies such as the police, probation service and the prison service, criminology graduates work in a range of occupations, including the media, Civil Service, research, teaching, business, voluntary organisations and management. Criminology graduates also work in victim support organisations and in other social care agencies. Some graduates build on the degree by undertaking further study or training in fields such as policing, probation work, prison service, social work, law, human rights, social science research and teaching. The School has a strong postgraduate programme, offering both Master’s and PhD degrees.

Studying for a Criminology degree at Queen’s will assist you in developing the core skills and employment-related experiences that are valued by employers, professional organisations and academic

institutions. Graduates from this degree at Queen’s are well regarded by many employers (local, national and international) and over half of all graduate jobs are now open to graduates of any discipline.

Typical career destinations of graduates include:

- Researcher
- Civil Servant
- Policy Analyst
- Charity Fundraiser
- Market Researcher
- Youth and Community Worker

Graduate employers include:

- Northern Ireland Civil Service
- Northern Ireland Housing Executive
- National Health Service and Research Agency
- PwC
- Ulster Bank
- Santander
- Belfast City Council
- Ipsos MORI
- Commission for Victims and Survivors NI

“I loved my time at Queen’s, I would do it all over again if I could. My Criminology degree was literally the most interesting thing I have ever done. I learned so much about crime, in Northern Ireland especially, because I am English so I didn’t know about it to start with. Third year I loved how you get to choose what you want to learn more about and what you want to go into further depth.”

Ashleigh Brown
BA Single Honours
Criminology graduate (2017)

Criminology at Queen’s provides a unique context to study crime and justice in a society emerging from conflict.



Entrance requirements

e: admissions@qub.ac.uk
t: +44 (0)28 9097 3838

Course information

Dr John Topping
School of Social Sciences,
Education and Social Work

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w: qub.ac.uk/ssesw

CRIMINOLOGY AND SOCIAL POLICY

Criminology focuses on the causes and consequences of crime, as well as how the criminal justice system responds to crime. Criminologists are interested in how activities come to be defined as criminal, and why definitions of crime vary across countries and over time. The subject includes a wide range of social and psychological theories that attempt to explain criminal behaviour and the effective operation of the criminal justice system.

Social Policy students learn how to tackle major policy problems. They do this by applying core concepts from social science to intractable social problems such as gender inequality, eldercare, children's rights and climate change. There is strong crossover between criminology and social policy as many of the people who end up within the criminal justice system have experienced poverty, inequality or discrimination. As an applied and critical social science, you will gain knowledge and understanding of contemporary government policies, their impacts, and consider how we can achieve improvements.

COURSE CONTENT

Stage 1

Courses often draw on international comparisons with a strong Irish (North and South) emphasis.

- Compulsory modules
- Introducing Criminology
- Introducing Social Policy
- Exploring Criminology
- Themes and Issues in Social Policy

Optional modules

- Rethinking Society
- The Sociological Imagination
- Digital Society
- Visualising the Social World

Stage 2

- Criminological Theory
- Policing and Society
- Welfare in Theory and Practice
- Qualitative Research Skills
- Quantitative Research Skills
- Questions for an Ageing World
- Theory Counts

Stage 3

Compulsory modules

- Disability and Society
- Punishment, Penal Policy and Prisons
- Youth, Crime and Criminal Justice
- Policy Briefing Paper

Optional modules

- Modelling the Social World
- Gender, Family and Social Policy: Comparative Perspective
- Psychological Perspectives on Crime
- Reintegration after Prison
- Social Identity: Difference and Inequalities
- Criminology Beyond Borders
- Welfare States on the Move: Social Policy Reform in Comparative Perspective

Exit Route

Students who wish to benefit from specialist training in quantitative research can undertake a series of dedicated social science research modules over the course of their degree studies. Successful completion of 80 CATS credits of advanced quantitative research training (four modules) in stages 2 and 3 will receive the enhancement of BSc 'with Quantitative Methods' added to the name of the degree awarded.

BA Joint Honours

Criminology and Social Policy 3 yrs (ML94)

See also Criminology, Criminology and Sociology, Social Policy and Sociology, and Sociology

Entrance Requirements

A-level:

ABB

All applicants:

There are no specific subject requirements to study Criminology and Social Policy.

For students whose first language is not English

An IELTS score of 6.5 with a minimum of 5.5 in each test component or an equivalent acceptable qualification, details of which are available at: go.qub.ac.uk/EnglishLanguageReqs

WHY QUEEN'S?

Research-led Teaching

Criminology and Social Policy is taught by a group of internationally recognised researchers who specialise in areas such as criminal justice policy, prisons, desistance from crime, offender reintegration, drug use, youth justice, conflict, social justice, gender inequality, population ageing, disability and human rights.

Prizes

The highest achieving graduates are awarded the Lockheed Prize annually.

Study Abroad

Students can spend time studying in one of our linked universities in Europe. There are other opportunities to study or work abroad, supported by schemes such as Erasmus and Study USA.

Facilities

The School is located within a recently renovated building, with state-of-the-art teaching and learning facilities, together with dedicated student space including a large student common room. The teaching facilities enable an interactive learning environment.

CAREERS/FURTHER STUDY

Criminology and Social Policy graduates are ideally placed for work in a range of occupations, including the Civil Service, public services, policy analysis, media, research, teaching, business, the voluntary sector, commerce, marketing and management. Some graduates build on the degree by undertaking postgraduate training in fields such as social work, law, social science research and teaching. Tailored careers advice and study guidance are available to all students throughout their time at Queen's.

Studying for a Social Policy/Criminology degree at Queen's will assist you in developing the core skills and employment-related experiences that are valued by employers, professional organisations and academic institutions. Graduates from this degree at Queen's are well regarded by many employers (local, national and international) and over half of all graduate jobs are now open to graduates of any discipline.

Typical career destinations of graduates include:

- Researcher
- Civil Servant
- Policy Analyst
- Charity Fundraiser
- Market Researcher
- Youth and Community Worker

The following is a list of some of the employers that have attracted graduates from the School in recent years:

- Northern Ireland Civil Service
- Northern Ireland Housing Executive
- National Health Service
- Northern Ireland Statistics and Research Agency
- PwC
- Ulster Bank
- Commission for Victims and Survivors NI
- Santander
- Belfast City Council
- Ipsos MORI
- Charities such as the Peter McVerry Trust and Age NI

"The course offers a wide range of interesting and diverse modules covering many topics and interests. The support and guidance from the department and the expertise of staff has provided me with an invaluable experience that has furthered my knowledge and understanding of both criminological and sociological theory and has motivated me to further my learning by undertaking a Master's degree at Queen's."

Rachel Stanley
Joint Honours Graduate (2016)



Entrance requirements

e: admissions@qub.ac.uk
t: +44 (0)28 9097 3838

Course information

Dr Gemma Carney
School of Social Sciences,
Education and Social Work

e: g.carney@qub.ac.uk
t: +44 (0)28 9097 3749
w: qub.ac.uk/ssesw

CRIMINOLOGY AND SOCIOLOGY

Criminology provides a unique vantage point to study crime and justice in a society transitioning from conflict. Criminologists are interested in how activities come to be defined as 'criminal', and why definitions and responses to crime vary over time and place. The subject includes a broad range of perspectives on understanding crime and criminal behaviour and examines various methods in the prevention, policing and punishment of crime. The course also considers how and why people move away from crime, ways in which this might be facilitated and offenders reintegrated.

Sociology provides a thorough academic grounding in the understanding of social life and human behaviour of all kinds. It equips students with the skills to understand the breadth of social practice, ranging from the global (including power and politics, conflict and peace processes, security, the digital world, climate change, racism and social justice) to individual experiences (such as the body, intimacy, emotions, identity, beliefs and mental health).

COURSE CONTENT

Courses often draw on international comparisons with a strong Irish (North and South) emphasis.

Stage 1

- Introducing Criminology
- Introducing Social Policy
- Exploring Criminology
- Rethinking Society
- The Sociological Imagination
- Digital Society
- Visualising the Social World

Stage 2

Compulsory modules

- Criminological Theory or The Power of Social Theory
- Crime and Society
- Policing and Society
- Qualitative Research Skills
- Quantitative Research Skills

Optional modules

- Theory Counts
- Environmental Crime and Justice
- Sociology of Conflict and Peace
- Social Inequalities and Diversity
- Crime and the Media

Stage 3

Compulsory modules

- Punishment, Penal Policy and Prisons

Optional modules

- Contemporary Irish Society
- Religion: Death or Revival
- Youth, Crime and Criminal Justice
- Global Risk Society
- Criminology Beyond Borders
- Norms and Social Change
- Reintegration After Prison
- Psychological Perspectives on Crime
- Emotion, Power, and Politics
- Modelling the Social World
- Social Identity: Difference and Inequalities

Exit Route

Students who wish to benefit from specialist training in quantitative research can undertake a series of dedicated social science research modules over the course of their degree studies. Successful completion of 80 CATS credits of advanced quantitative research training (four modules) in stages 2 and 3 will receive the enhancement of BSc 'with Quantitative Methods' added to the name of the degree awarded.

BA Joint Honours

Criminology and Sociology 3 yrs (ML93)

See also Criminology, Criminology and Social Policy, Social Policy and Sociology, and Sociology

Entrance Requirements

A-level:

ABB

All applicants:

There are no specific subject requirements to study Criminology and Sociology.

For students whose first language is not English

An IELTS score of 6.5 with a minimum of 5.5 in each test component or an equivalent acceptable qualification, details of which are available at: go.qub.ac.uk/EnglishLanguageReqs

WHY QUEEN'S?

Research-led Teaching

Criminology and Sociology is taught by a group of internationally recognised researchers who specialise in areas such as criminal justice policy, prisons, desistance from crime, offender reintegration, youth justice, conflict transformation, human rights, family and religion.

Prizes

The highest achieving students are regularly awarded prizes and scholarships, such as the SWAN prizes for best pieces of work on gender, the Lockheed Prize and the Foundation Scholarships.

Study Abroad

Students can spend time studying in one of our linked universities in Europe. There are other opportunities to study or work abroad, supported by schemes such as Erasmus and Study USA.

Facilities

The School is located within a recently renovated building, with state-of-the-art teaching and learning facilities, together with dedicated student space including a large student common room. The teaching facilities enable an interactive learning environment.

CAREERS/FURTHER STUDY

Criminology and Sociology graduates work in a wide range of occupations, including the media, Civil Service, police, research, teaching, business, commerce, marketing and management. Some graduates build on the degree by undertaking postgraduate training in fields such as social work, law, social science research and teaching. Tailored careers advice and study guidance is available to all students throughout their time at Queen's.

Studying for a Joint Honours Degree in Criminology and Sociology at Queen's will assist you in developing the core skills and employment-related experiences that are valued by employers, professional organisations and academic institutions. Graduates from this degree at Queen's are well regarded by many employers (local, national and international) and over half of all graduate jobs are now open to graduates of any discipline.

The diversity of interests and topics covered in the discipline, plus the wide range of skills it equips you with, means that our students enter a wide range of careers on graduation. These include the public sector (e.g. social services, education, criminal justice, social work), private sector (e.g. market research, policy analysis, human resources), and third sector (e.g. policy analyst, researcher, youth support worker, charity fundraiser). A number of our students also go on to postgraduate study, on a full or part-time basis.

The following is a list of the major career sectors (and indicative starting salaries) that have attracted our graduates in recent years:

- Fast Stream Civil Service: £25,000
- Diversity Manager: £22,800
- Public Policy Analyst: £19,000
- Public Relations Officer: £16,000-£25,000
- Volunteer Coordinator: £20,000-£26,500
- Social Researcher: £22,000
- Social Worker (after relevant graduate track degree): £23,500
- Public Administrator: £22,300
- Charity Fundraiser: £15,000-£24,000
- Police Officer: £22,300
- Teacher (after relevant graduate track degree): £21,500

Graduate employers include:

- Northern Ireland Civil Service
- Northern Ireland Housing Executive
- National Health Service
- Northern Ireland Statistics and Research Agency
- PwC
- Ulster Bank
- Santander
- Belfast City Council
- Ipsos MORI
- Commission for Victims and Survivors NI

Further Study

Further study is also an option open to Criminology and Sociology graduates. You can choose from a wide range of Master's programmes as well as a comprehensive list of research topics.

Criminology and Sociology at Queen's provides a unique context to study crime and justice in a society emerging from conflict.

Entrance requirements

e: admissions@qub.ac.uk
t: +44 (0)28 9097 3838

Course information

Dr John Topping
School of Social Sciences,
Education and Social Work

e: j.topping@qub.ac.uk
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w: qub.ac.uk/ssesw



DENTISTRY

The Bachelor of Dental Surgery degree programme provides our students with the knowledge, skills and professional attitudes that allows them to practise effectively as a dental surgeon in the 21st century.

Our success is based on the expertise, commitment and dedication of the entire dental teaching team. We have a strong belief that high quality dental undergraduate education requires all the dentists on our teaching staff to be actively practising their profession so that you can learn from and be taught by expert clinicians who are at the leading edge of modern clinical practice.

COURSE CONTENT

Years 1 and 2

Students are attached to dental clinics and also undertake modules where they learn about the foundations of clinical practice including the biomedical and behavioural sciences as well as the principles of dental patient management, dental health promotion and core clinical dental skills.

Year 3

Introduces a greater clinical component within the various clinical dental specialties as well as developing students' core clinical skills in Restorative dentistry. Students also learn about the impact of systemic disease in dentistry.

Years 4 and 5

Emphasis is on teaching advanced dental clinical skills within the range of clinical specialties in dentistry. Students carry out the full range of dental treatment for their own adult and child patients. Clinical tuition takes place in classes within the Dental School and in Outreach dental clinics.

WHY QUEEN'S?

Accreditation

The Queen's University Bachelor of Dental Surgery (BDS) degree programme is recognised and approved by the United Kingdom's General Dental Council (GDC) as a registrable qualification.

Clinical Placements

Students will have the opportunity to undertake clinical placements from year 1 of the course. During their course students will gain experience in a range of clinical settings to help develop their skills and career opportunities.

Professional Training

Students who successfully complete the BDS programme can apply for full registration with the GDC which allows the registrant to practise as a dentist in the UK if the student fulfils the UK government's residency requirements.

Intercalated Degrees

During the course of their dental degree, some students opt to study for an extra year to achieve an additional intercalated MSc or BSc. This may be undertaken at the end of the second or third year and involves an extra year of study taken outside of the Dental course. Dental students can undertake an intercalated degree in a range of areas including psychology, public health, clinical anatomy, biochemistry and microbiology.

World-Class Facilities

We take great pride in our commitment to enhancing the student learning experience and our modern clinical facilities are a key part of this. Our students are working and learning in clinics which have been redeveloped to a high specification and a Clinical Techniques Laboratory (CTL) is now used by students throughout the programme.

BDS

Dental Surgery (Bachelor of) 5 yrs (A200)

See also Biomedical Science and Human Biology

Entrance Requirements

Interview:

All offers are made on the basis of interviews. All candidates will be ranked and a proportion selected for interview. Offers will be made on the results of the interview. There are 15 International places available on the BDS degree and interviews for these students take place online.

UCAT:

All applicants, assigned as NI, GB or EU for fees purposes, are required to sit the University Clinical Aptitude Test (UCAT) and the results achieved will be used as part of the selection process prior to interview. Further information on UCAT is available at ucat.ac.uk.

A-level School Leavers:

AAA including Biology/Human Biology and Chemistry. GCSE Mathematics minimum grade C/4 is required if not offered at AS-level or A-level.

For all A-level School Leavers a maximum of one Applied A-level will be counted. Please also note that only one Mathematics subject will be counted at A-level. A-level Critical Thinking and both A-level and AS-level General Studies are not acceptable.

For NI, GB and EU applicants, GCSE performance in the best 9 subjects taken in Years 11 and 12 (Years 10 and 11 for England and Wales) will be scored with 4 points awarded for an A* (grade 9 in the numerical grading scale) and 3 for an A grade (grade 7 and 8 in the numerical scoring scale). Points are not awarded for B and C grades (grades 6, 5 and 4 in the numerical grading scale). For those who have not undertaken GCSE or equivalent level qualifications, then an academic score will be calculated on the basis of school reports.

UCAT will be scored and used in conjunction with the academic score to rank for interview.

AS-level performance and additional GCSE A grades may also be taken into account in borderline cases.

Evidence of commitment to Dentistry, motivation, communication skills and initiative are important.

Graduates:

Applications from graduates or those in the final year of their degree are considered and the full academic background is taken into account. The minimum A-level threshold (or equivalent in other qualifications) is BBB at first attempt, ie: prior to commencing degree studies, or BBC at the first attempt for those with a First Class Honours Degree or PhD. Applicants must have the appropriate science background at GCSE and AS-level/A-level or equivalent (see below) and at least a 2.1 Honours classification in their primary (first) degree, which can be from a wide range of different subjects. A-level Chemistry and Biology/Human Biology are required. In addition, GCSE Mathematics minimum grade C/4 is required if not offered at AS-level or A-level. Graduate applicants who fulfil these criteria are then scored with their UCAT.

Graduate applicants from a non-science background but who fulfil the conditions in terms of grades achieved at the first attempt (ie in their original choice of A-level subjects) and degree performance will be considered if they undertake the appropriate Science qualifications on completion of their degree.

International Applicants

International applicants are not scored (as above) and in considering applications a range of factors is taken into account including previous academic performance, predicted results (if applicable), evidence of English language ability, the Personal Statement and Reference.

For information on international qualification equivalents (eg the International Baccalaureate Diploma, USA/Canadian High School Diplomas or Hong Kong Diploma in Secondary Education), please select your country in the International Students website.

Transfers from other Dental Schools:

Applications will only be considered in exceptional circumstances and entry will be to first year only. All normal entry requirements must be satisfied.

Information for all applicants

Prior to admission all applicants will be required to provide evidence that they are non-infectious for HIV, Hepatitis B and Hepatitis C. Applicants who receive offers will be required to complete a health assessment with the Occupational Health Service of the University in accordance with Department of Health guidelines for new entrants to the Health Service.

• As a result of current legislative requirements, any offer made will be conditional on a satisfactory criminal history check (Access NI Enhanced Disclosure Check). To enable the University to request this check you will be required to provide some personal information which will be treated in the strictest of confidence and in line with Data Protection

Principles. The current cost of an Enhanced Disclosure Check is £33. At time of printing, changes are due to be implemented and relevant procedures and/or costs may change. Applicants will be advised of the relevant requirements at the appropriate time. For international students, a Certificate of Good Conduct or equivalent will be required in lieu of an Access NI check. Additional checks may be required depending on the applicants address history.

• The degree is subject to the University's Regulations on Fitness to Practise.

• Applicants will be required to give permission for a check against the Excluded Student Database prior to offers being made. This is a national database which records those who have previously been excluded from professional programmes because of fitness to practise concerns.

• Selection criteria for Dentistry are reviewed annually and therefore you should read the selection procedures which are available at go.qub.ac.uk/ugstudy, under 'Entrance Requirements and Selection Criteria' for further details and up-to-date information, prior to applying. This includes a pdf entitled 'How We Choose Our Students'.

More detailed information on applying to study Dentistry at Queen's is also available from the School website at:

qub.ac.uk/schools/mdbs/Study/Dentistry

Note: the deadline for applications to this degree for 2021 entry is 6.00pm on 15 October 2020 and NI, GB and EU applicants should make arrangements to undertake UCAT in advance of this.

For students whose first language is not English

An IELTS score of 7.5 with a minimum of 7.0 in Speaking and Listening and 6.0 in the other test components or an equivalent acceptable qualification, details of which are available at: go.qub.ac.uk/EnglishLanguageReqs

"My favourite aspect of the dental course is the clinical work. Every day we encounter something new and interesting, which makes the course very enjoyable."

Stephen Mullan,
Dentistry student

CAREERS/FURTHER STUDY

Studying for a dental degree at Queen's will assist you in developing the core skills and employment-related experiences that are valued by employers, professional organisations and academic institutions.

There are a wide range of career opportunities available in dentistry. Following graduation it is mandatory to undergo a further one year of training in a Dental Foundation Training Scheme. Dentists can then decide to follow a career as a general dental practitioner or train to become a specialist in a dental discipline. Other dental career options include hospital dentistry, community dentistry, armed forces dentistry and university teaching and research.

Further Study

Many of our graduates combine specialist clinical training with further study at Queen's at PhD or Master's level in research or education.

Dentistry at Queen's is ranked 3rd in the UK.

(Times and Sunday Times Good University Guide 2020)



Entrance requirements
e: admissions@qub.ac.uk
t: +44 (0)28 9097 3838

Course information
Professor Donald Burden
Centre for Dentistry,
School of Medicine, Dentistry and
Biomedical Sciences

e: dentistry@qub.ac.uk
t: +44 (0)28 9097 6268
w: qub.ac.uk/mdbs

DRAMA STUDIES

Drama at Queen's combines history, theory and practice in an integrated and multidisciplinary approach, to discover why and how theatre works. Performance workshops and productions enable students to draw upon their reading of literary, cultural, historical and sociological studies to inform their practical understanding of performance. Students are also required to attend professional performances, and benefit from our exceptional links with the theatre sector in Northern Ireland and beyond. Visiting professionals lead workshops in specialist areas.

COURSE CONTENT

All students take the following introductory modules at Stage 1 (1st Year)

DRA1001	Writing About Theatre
DRA1003	Intro to Performing
DRA1004	Intro to Acting for Stage and Screen
DRA1005	Theatre Now: Contemporary Performance
DRA1006	Production Practices

Stage 2 (2nd Year) (Optional)

DRA2003	The Art of the Actor
DRA2005	Devising Theatre
DRA2010	Greek Tragedy in Performance
DRA2045	American Theatre
DRA2060	Musical Theatre
DRA2022	Acting Shakespeare
DRA2013	Directing & Design
DRA2014	Radio Drama
SCA2002	Intro to Arts Management

Stage 3 (3rd Year) (Optional)

DRA3005	Advanced Acting
DRA3060	Dance Theatre
DRA3042	Post-Conflict Drama
DRA3010	The Theatre of Brian Friel
DRA3023	Places of Performance
DRA3063	Solo Performance
DRA3056	Theory & Practice of Adaptation
DRA3064	Drama & Mental Health
DRA3057	Drama, Health & Social Care
DRA3025	Dissertation
AEL3001	Work-Based Learning

WHY QUEEN'S?

Industry Links

Students have the opportunity to undertake a work placement in Year 3. This is a significant learning and employability enhancement opportunity. Drama at Queen's collaborates with leading arts organisations and theatre companies, such as the Belfast Festival, The Linen Hall Library, The Lyric Theatre, Prime Cut Productions, Tinderbox Theatre Company, Kabosh, and Ransom Productions, all of whom have helped us develop a vital professional practice dimension as part of our overall provision.

World-Class Facilities

Our main teaching space, the Brian Friel Theatre (www.brianfrieltheatre.co.uk), is one of the best-equipped theatres in Belfast with a 120-seat studio theatre, rehearsal room, dressing rooms, green room and workshop, housed in the Drama and Film Centre which also comprises the Queen's Film Theatre.

Student Experience

Extracurricular performance opportunities are offered by the Tyrone Guthrie Society and the student Drama Society, which have taken productions to student festivals in Ireland and the UK. Productions have also been taken to the Edinburgh Fringe Festival and to festivals in Belgium and Italy.

Global Opportunities

Students may opt to spend a semester studying abroad. The School has links with a number of international institutions including Université François-Rabelais, Tours.

BA Single Honours

Drama 3 yrs (W400)

BA Joint Honours

Drama and English 3 yrs (WQ43)

See also Drama and English, Film and Theatre Making, Film Studies and Production, and Broadcast Production

Entrance Requirements

A-level:

BBB

All applicants

There are no specific subject requirements to study Drama, however, students should have an interest in issues of performance, and be prepared to participate in practical theatre classes.

All applicants who receive offers will be invited to attend an interview and workshop. Interviews will be held between January and April.

For students whose first language is not English

An IELTS score of 6.5 with a minimum of 5.5 in each test component or an equivalent acceptable qualification, details of which are available at: go.qub.ac.uk/EnglishLanguageReqs



CAREERS/FURTHER STUDY

Studying for a Drama degree at Queen's will assist you in developing the core skills and employment-related experiences that are valued by employers, professional organisations and academic institutions.

Graduates from this degree are well regarded by many employers and over half of all graduate jobs are now open to graduates of any discipline. Many students also apply the skills they develop through the degree entrepreneurially to create their own work opportunities and the University runs a number of extracurricular programmes in entrepreneurship.

Although the majority of our graduates are interested in pursuing careers in the theatre or in teaching, significant numbers develop careers in a wide range of other sectors. Graduates of Drama have gone on to work in professional theatre locally in Northern Ireland and throughout Great Britain and across the world, for example

on the production of the recent JK Rowling play *Harry Potter and the Cursed Child* in London, and on a number of film and TV productions including *Game of Thrones*.

Further Study

Further study including Master's programmes is also an option. See the School website for further information.

Alumni Success

- Des Kennedy, assistant director, *Harry Potter and the Cursed Child*, Palace Theatre London
- Lisa McGee, stage and screen writer, won the Stewart Parker and Blackburn Award for *Girls and Dolls* (2006), Channel 4 sitcoms *London Irish* and *Derry Girls*
- Kerri Quinn, lead role in *Educating Rita*, Lyric Theatre, Belfast

“With a strong network support of staff, the opportunities to establish links with theatre practitioners greatly enriched my experience of studying Drama at Queen's.”

Kevin McCluskey
BA Drama (2010), MA Drama (2011)
PhD Drama and Performance (2015)

Entrance requirements

e: admissions@qub.ac.uk
t: +44 (0)28 9097 3838

Course information

Dr Aoife McGrath
Subject Lead (Drama)
School of Arts, English and Languages

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w: qub.ac.uk/ael

DRAMA AND ENGLISH

Our graduates have gone on to work on major theatre, film and TV productions in the UK and across the world.

COURSE CONTENT

Stage 1

Core modules

- Writing About Theatre: Theory, Criticism and Performance
- Theatre Now: Contemporary Performance
- Introduction to Performing
- English in Transition
- Introduction to English Language
- English in Context

Stage 2

Students select three optional modules in each subject, subject to availability:

Drama

- DRA2003 The Art of the Actor
- DRA2005 Devising Theatre
- DRA2010 Greek Tragedy in Performance
- DRA2045 American Theatre
- DRA2060 Musical Theatre
- DRA2022 Acting Shakespeare
- DRA2013 Directing & Design
- DRA2014 Radio Drama
- SCA2002 Intro to Arts Management

English

- History of English: Studying Language Change
- The English Language: Language and Power
- Foundations for Speech Analysis
- Mapping the Anglo-Saxon World
- Irish Literature
- Introduction to Critical and Cultural Theory
- Havoc and Rebellion: Writing and Reading Later Medieval England
- Shakespeare and Co
- Fiction to Austen (1660-1820)
- Inventing America
- Romantic Poetry (1789-1832)
- Enlightenment and its Discontents
- Reading Revolutions: The English Bible, Medieval to Early Modern
- Modernism and Modernity
- Modern American Fiction: Race, Class, Gender, Sexuality
- Dickens and the Cult of Celebrity

Stage 3

Students select three optional modules in each subject from the following list, subject to availability:

Drama

- DRA3005 Advanced Acting
- DRA3060 Dance Theatre
- DRA3042 Post-Conflict Drama
- DRA3010 The Theatre of Brian Friel
- DRA3023 Places of Performance
- DRA3063 Solo Performance
- DRA3056 Theory & Practice of Adaptation
- DRA3064 Drama & Mental Health
- DRA3057 Drama, Health & Social Care
- DRA3025 Dissertation
- AEL3001 Work-Based Learning

English

- Speech Worlds: Phonology in Acquisition and Disorder
- Stylistics: Analysing Style in Language
- The Structure of English
- Marvels, Monsters and Miracles in Anglo Saxon England
- Writing Africa: The Colonial Past to Colonial Present
- Contemporary Irish and Scottish Fiction
- Televising the Victorians
- Shakespeare on Screen
- Digital Textualities and the History of the Book
- Knowledge, Power and Imagination: Writing the East, 1662-1835
- Irish Gothic
- Special Topic Irish Literature
- Poetry and Precariousness in the C21st
- Contemporary US Crime Fiction
- Stevens and Bishop
- Double dissertation (English only)
- Language in the Media
- Women's Writing 1660-1820
- Restoration to Regency in Contemporary Fiction
- Special Topic Creative Writing

Common modules

- Work-Based Learning (placement module)
- Double Dissertation (combining Drama and English)

BA Joint Honours

Drama and English 3 yrs (WQ43)

See also Drama, English Studies, Film and Theatre Making, Film Studies and Production, and Broadcast Production

Entrance Requirements

A-level:

BBB including A-level English

Note: for applicants who have not studied A-level English then AS-level English (grade A) would be acceptable in lieu of A-level English.

There are no specific subjects requirements to study Drama. However, students should have an interest in issues of performance and be prepared to participate in practical theatre classes. All applicants who receive offers will be invited to attend an interview and workshop interviews will be held between January and April.

For students whose first language is not English

An IELTS score of 6.5 with a minimum of 5.5 in each test component or an equivalent acceptable qualification, details of which are available at: go.qub.ac.uk/EnglishLanguageReqs

WHY QUEEN'S?

World-Class Facilities

Our main teaching space, the Brian Friel Theatre (www.brianfrieltheatre.co.uk), is one of the best-equipped theatres in Belfast with a 120-seat studio theatre, rehearsal room, dressing rooms, green room and workshop, housed in the Drama and Film Centre which also comprises the Queen's Film Theatre.

Student Experience

From Personal Tutors to peer mentoring, we work closely with students to ensure they are supported at every stage of their degree.

Extracurricular performance opportunities are offered by the Tyrone Guthrie Society and the student Drama Society, which have taken productions to student festivals in Ireland and the UK. Productions have also been taken to the Edinburgh Fringe Festival and to festivals in Belgium and Italy.

CAREERS/FURTHER STUDY

Studying for a degree in Drama and English at Queen's will assist you in developing the core skills and employment-related experiences that are valued by employers, professional organisations and academic institutions.

Graduates of Drama have gone on to work in professional theatre locally in Northern Ireland and throughout Great Britain and across the world, for example on the production of the recent JK Rowling play Harry Potter and the Cursed Child in London. Our graduates have also worked on a number of film and TV productions including HBO Game of Thrones.

Many of our graduates are interested in pursuing careers in teaching, business, the civil service, translating/interpreting or advertising, significant numbers develop careers in a wide range of other sectors.

A list of the major career sectors (and some starting salaries) that have attracted our graduates in recent years is shown below:

- Voluntary sector/charities £15,000-£18,000
- Public Relations £20,000
- Banking £28 000
- Export Marketing £15 000-£25 000
- Publishing, Media and Performing Arts £16,000-£25,000
- Teaching £21,500
- Fast Stream Civil Service £25,000
- Theatre production £16,000-£50,000+
- TV production £16,000-£100,000+

- Film production £16,000-£100,000+
- Varied graduate programmes (Times Top 100 Graduate Recruiters/AGR, Association of Graduate Recruiters UK)

Graduate Careers and Achievements

Many of our former graduates have risen to the top of their fields and include many famous figures; for example, in Drama:

- Peter Coulter, award winning journalist, BBC
- Des Kennedy, acclaimed director, notable recent work includes assistant director on JK Rowling's Harry Potter and the Cursed Child, Palace Theatre London, 2016
- Lisa Magee, acclaimed writer for stage and screen, won the Stewart Parker and Blackburn awards for Girls and Dolls (2006)
- Kerri Quinn, acclaimed actress, notable for her lead role in Educating Rita, Lyric Theatre, Belfast, 2015
- James Rae, technical specialist, HBO Game of Thrones

In English:

- Seamus Heaney, Nobel Prize-winning poet
- Paul Muldoon, academic and poet
- Stephen Rea, actor
- Helen Madden, writer and actor
- Annie Kelly, journalist and writer
- Annie Mac, radio presenter

Further Study

Further study is also an option open to Drama and English graduates. Students can choose from a wide range of Master's programmes, including:

- MA in English Literary Studies
- MA in Media and Broadcast Production
- MA in Film
- MA in Poetry
- MA in Creative Writing
- MSc in Software Development (conversion course)
- MLaw – Master's in Law (conversion course)
- PGCE in Education

Alternatively, we offer a research-led MRes in Arts and Humanities.

“Queen's gave me so much more than a degree. It gave me friends, life experiences and a critical way of viewing the world. The experience of living in a brand new place with new people was invaluable. I consistently felt like a valued member of the Queen's community and I was proud to be a student at such a welcoming and prestigious University. Queen's gave me the best three years of my life and for that I'll forever be grateful.”

Ellie Drake

BA Drama and English Graduate



Entrance requirements

e: admissions@qub.ac.uk
t: +44 (0)28 9097 3838

Course information

Dr Aoife McGrath
Subject Lead (Drama)
School of Arts, English and Languages

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t: +44 (0)28 9097 3249
w: qub.ac.uk/ael

ECONOMICS

A BSc Economics degree allows students to analyse in-depth how economies function (macroeconomics) and how individuals make decisions (microeconomics). The models used by economists combine qualitative and quantitative techniques, and you will have the opportunity to gain analytical, computing, presentation, and writing skills. These transferable skills are highly sought after across industry, and also provide an excellent platform for future entrepreneurs.

COURSE CONTENT

Year 1

- The Economy (full year module)
- Communicating Economics
- Mathematics for Economists
- Statistical Methods
- Financial Institutions and Markets

Year 2

- Economic Growth
- Game Theory
- Microeconomics
- Industrial Organisation
- Introduction to Econometrics
- Macroeconomics

Year 3

- Applied Econometrics

Students will be able to choose five additional modules from a range which may include:

- Labour Economics
- Economic History
- Public Economics
- Economics Dissertation
- Economics of Networks and Institutions
- International Economics

WHY QUEEN'S?

Student Satisfaction

90% of Economics students were satisfied with their course according to the National Student Survey in 2018.

World-Class Facilities

You will have access to Bloomberg terminals in the FinTrU Trading Room, giving students the skills, experience and knowledge necessary to prepare them for a career in the financial services sector.

Students will also have access to specialist mathematical and statistical training and software, giving them the skills, experience and knowledge necessary to prepare them for careers in economics and business analytics.

Internationally Renowned Experts

Many of our staff are leading international experts in their fields of research.

Student Experience

Students can join the Economics Society, a student-run organisation which aims to educate its members on the use of Economics in practice through guest speakers, field trips abroad and educational seminars.

Study Abroad

The Study USA programme provides students with the funded opportunity to study for a year in a US university.

Prizes and Awards

Top performing students are regularly awarded prizes, scholarships and internships from leading companies, including:

- Shaw Memorial Prize for best-performing second-year student in BSc Economics
- Foundation Scholarships for best student in Economics Level 1 and Level 2
- KPMG Prize is awarded to the best graduate in the BSc Economics degree
- McKane Medal is awarded to the best final honours student in Economics
- Economics Group Prize is awarded to the best presentation in the Level 3 Dissertation module

BSc Single Honours

Economics 3 yrs (L100)

BSc Major Honours

Economics with Finance 3 yrs (L1N3)

Economics with French 4 yrs (L1R1)

Economics with Spanish 4 yrs (L1R4)

BSc Joint Honours

Economics and Accounting 3 yrs (LN14)

See also Accounting, Business Economics, Finance, and Politics, Philosophy and Economics (PPE)

Entrance Requirements

Single Honours

A-level:

ABB + GCSE Mathematics grade A/7

Major Honours with a Minor in a Modern Language

A-level:

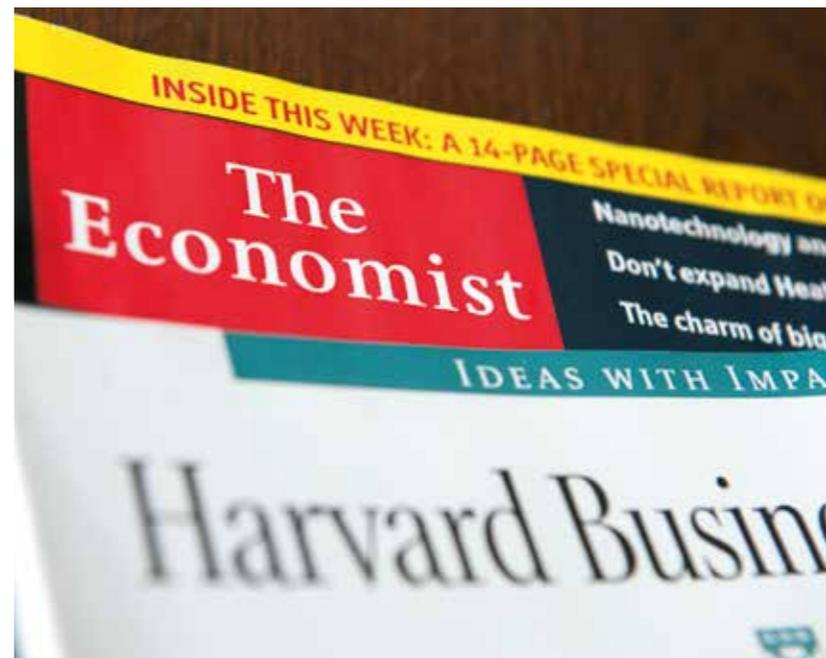
ABB + GCSE Mathematics grade B/6

- For French option: normally A-level French grade B or AS-level French grade B or GCSE French grade B/6 or evidence of linguistic ability in another language
- For Spanish option: normally A-level Spanish grade B or AS-level Spanish grade B/6 or evidence of linguistic ability in another language

Note: if the language is studied at a higher level then the grade required at that level must be achieved.

For students whose first language is not English

An IELTS score of 6.5 with a minimum of 5.5 in each test component or an equivalent acceptable qualification, details of which are available at: go.qub.ac.uk/EnglishLanguageReqs



CAREERS/FURTHER STUDY

Those pursuing a career in Economics should enjoy working with numbers and dealing with ambiguous and incomplete information as they attempt to understand and provide solutions to problems. They should also be effective communicators and work well with people. Economists must be prepared to take on challenges and be able to adapt to a constantly changing and dynamic business environment.

Many of the skills that students will acquire during their studies at Queen's will be of great value in a range of different career and life situations. Core transferable skills include the ability to learn independently, problem solve, understand and interpret very sophisticated economic and financial information, and work productively as part of a team.

Graduate Careers and Achievements

The skillset of an Economics graduate is highly sought after by employers, in the public and private sectors. In recent years, students have secured positions in economic analysis and appraisal with a range of government and other public sector organisations, specialist careers in banking and investment appraisal, as well as more generalist positions in economic consulting.

Typical career destinations of graduates include:

- Economic Consulting
- Accountancy
- Managers and Administrators in areas such as market research, advertising, sales and personnel
- Education, health or government departments

Employment Links

Graduate employers include PwC, EY, KPMG, Deloitte, BDO, Ulster Bank, Bank of Ireland, First Trust, Northern Ireland Civil Service, Northern Ireland Statistics & Research Agency, JP Morgan, Morgan Stanley, BBC, National Trust.

Further Study

Students can choose from a wide range of Master's programmes as well as a comprehensive list of research topics, as shown on the Queen's Management School website.

Queen's Management School is committed to the continuous improvement and enhancement of all of its degree programmes. New modules may be developed and included to replace or enhance those which are mentioned in this brochure.

“The Economics course at Queen's is well-structured, interesting and covers current topics. You develop a wide variety of skills through various group projects, assignments, presentations and research projects, which truly enhances your employability and attractiveness in the job market.”

Aoife Kealey

90% of Economics students were satisfied with their course according to the National Student Survey in 2018

Entrance requirements

e: admissions@qub.ac.uk
t: +44 (0)28 9097 3838

Course information

Dr Chris Colvin
BSc Economics
Queen's Management School

e: chris.colvin@qub.ac.uk
t: +44 (0)28 9097 4735
w: qub.ac.uk/mgt

ECONOMICS AND ACCOUNTING

This degree integrates core elements of the economics and accountancy degrees. It combines principles such as macro and micro-economics, with the standards associated with financial and management accounting. It offers an ideal platform for graduate students to enter into the accounting industry.

COURSE CONTENT

Year 1

- The Economy (full year module)
- Introductory Financial Accounting
- Introductory Management Accounting
- Introduction to Legal Study and Basic Contract Law
- Quantitative Methods

Year 2

- Managerial Economics
- Financial Decision Making
- Financial Accounting
- Management Accounting
- Data Analysis and Optimisation
- Macroeconomic Policy and Performance

Year 3

- Advanced Financial Accounting
- Law of Business Organisations
- Advanced Management Accounting
- Taxation

Students will be able to choose two additional modules from a range which may include:

- Quantitative Business Economics
- Labour Economics
- Economic History
- Public Economics
- International Economics
- Economics of Corporate Strategy

WHY QUEEN'S?

Student Satisfaction

90% of Economics students were satisfied with their course according to the National Student Survey in 2018.

Placements

Economics and Accounting students may take an optional placement year after their second year. Recent placements from students studying economics and business economics include: PwC, KPMG, Citi, Oxford Economics, Belfast City Council, First Derivatives, and Tayto Group Ltd.

Exemptions

Joint Economics and Accounting students are eligible for exemptions from some professional accounting examinations.

Student Experience

Students can join the Economics Society, a student-run organisation which aims to educate its members on the use of economics in practice through guest speakers, field trips abroad and educational seminars.

World-Class Facilities

You will have access to Bloomberg terminals in the Trading Room, giving students the skills, experience and knowledge necessary to prepare them for a career in the financial services sector. Students will also have access to specialist mathematical and statistical training and software, giving them the skills, experience and knowledge necessary to prepare them for careers in economics and business analytics.

BSc Joint Honours

Economics and Accounting 3 yrs (LN14)

See also Accounting, Business Economics, Finance, and Politics, Philosophy and Economics (PPE)

Entrance Requirements

A-level:

ABB + GCSE Mathematics grade B/6

For students whose first language is not English

An IELTS score of 6.5 with a minimum of 5.5 in each test component or an equivalent acceptable qualification, details of which are available at: go.qub.ac.uk/EnglishLanguageReqs

Prizes and Awards

Top-performing students are regularly awarded prizes, scholarships and internships from leading companies including:

- Shaw Memorial Prize for best-performing second-year student in BSc Economics
- Foundation Scholarships for best student in Economics Level 1 and Level 2
- KPMG Prize is awarded to the best graduate in the BSc Economics degree
- McKane Medal is awarded to the best final honours student in Economics.

CAREERS/FURTHER STUDY

Graduate Careers and Achievements

Students graduating with a degree in Economics from Queen's are well placed to secure a range of employment opportunities in economics and related areas in the public and private sectors. In recent years, students have secured positions in economic analysis and appraisal with a range of government and other public sector organisations, specialist careers in banking and investment appraisal, as well as more generalist positions in economic consulting.

Typical career destinations of graduates include:

- Economic Consulting
- Accountancy
- Financial Consulting
- Managers and Administrators in areas such as market research, advertising, sales and personnel
- Education, health or government departments

Further Study

Further study is also an option open to Economics and Accounting graduates. Students can choose from a wide range of Master's programmes as well as a comprehensive list of research topics, as shown on the Queen's Management School website.



"This degree teaches me to think critically about real-world economic problems, understanding how problems occur and how they can be resolved through market theory. It has allowed me to gain the necessary skills for employment such as quantitative, analytical, computing, presenting and writing. The broad range of subjects means that I can experience the various areas before deciding on which area I want to specialise in."

Amy Gamble
BSc Economics and Accounting

90% of Economics students were satisfied with their course according to the National Student Survey in 2018

Entrance requirements

e: admissions@qub.ac.uk
t: +44 (0)28 9097 3838

Course information

Dr Heather Dickey
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Queen's Management School

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ECONOMICS WITH FINANCE

This degree allows students to understand how the economy and the financial system interact. The major in Economics includes an analysis of macro and micro-economic principles, whilst the minor in Finance provides insights into financial institutions and markets. This combination provides an excellent platform for graduates to pursue a career in economics, finance and related industries.

COURSE CONTENT

Year 1

- The Economy (full year module)
- Mathematics for Economists
- Accounting
- Statistical Methods
- Financial Institutions and Markets

Year 2

- Economic Growth
- Financial Market Theory
- Microeconomics
- Macroeconomics
- Introduction to Econometrics
- Financial Decision Making

Year 3

- Capital Markets
- Corporate Finance and Derivatives
- Applied Econometrics

Students will be able to choose three additional modules from a range which may include:

- Economic History
- Labour Economics
- Public Economics
- International Economics
- Economics Dissertation
- Economics of Networks and Institutions

WHY QUEEN'S?

Student Satisfaction

90% of Economics students were satisfied with their course according to the National Student Survey in 2018.

Placements

Economics with Finance students may take an optional placement year after their second year. Recent placements from students studying economics and business economics include: PwC, KPMG, Citi, Oxford Economics, Belfast City Council; First Derivatives, and Tayto Group Ltd.

Student Experience

Students can join the Economics Society, a student-run organisation which aims to educate its members on the use of economics in practice through guest speakers, field trips abroad and educational seminars.

Trading Room

Students have access to Bloomberg software, a market leader in financial news, data and analytics, which is used by many financial institutions. The FinTrU Trading Room allows for an interactive and exciting learning environment which brings textbook theory to life.

Prizes and Awards

Top-performing students are regularly awarded prizes, scholarships and internships from leading companies including:

- Shaw Memorial Prize for best-performing second-year student in BSc Economics
- Foundation Scholarships for best student in Economics Level 1 and Level 2
- KPMG Prize is awarded to the best graduate in the BSc Economics degree
- McKane Medal is awarded to the best final honours student in Economics

BSc Major Honours

Economics with Finance 3 yrs (L1N3)

See also Accounting, Business Economics, Finance, and Politics, Philosophy and Economics (PPE)

Entrance Requirements

A-level:

ABB + GCSE Mathematics grade A/7

For students whose first language is not English

An IELTS score of 6.5 with a minimum of 5.5 in each test component or an equivalent acceptable qualification, details of which are available at: go.qub.ac.uk/EnglishLanguageReqs

CAREERS/FURTHER STUDY

Graduate Careers and Achievements

Students graduating with a degree in Economics from Queen's are well placed to secure a range of employment opportunities in economics and related areas in the public and private sectors. In recent years, students have secured positions in economic analysis and appraisal with a range of government and other public sector organisations, specialist careers in banking and investment appraisal, as well as more generalist positions in economic consulting.

Typical career destinations of graduates include:

- Professional Economists
- Accountancy
- Financial Consultants
- Teachers
- Managers and Administrators in areas such as market research, advertising, sales and personnel
- Education, health or government departments

Graduate Employers

PwC, KPMG, Capita, Ulster Bank, Citi, Northern Ireland Civil Service, The Treasury, Dow Chemical, BT.

Further Study

Further study is also an option open to Economics with Finance graduates. Students can choose from a wide range of Master's programmes as well as a comprehensive list of research topics, as shown on the Queen's Management School website.



90% of Economics students were satisfied with their course according to the National Student Survey in 2018

"The course provides a balanced and comprehensive understanding of economics and finance. Final year provides the flexibility to choose modules that reflect my interests and career aspirations. Since year one at Queen's I have developed a strong skill set due to rigorous academic assessment combined with constant exposure to high quality academic staff and students."

Mark Carvill
BSc Economics with Finance

Entrance requirements

e: admissions@qub.ac.uk
t: +44 (0)28 9097 3838

Course information

Dr Chris Colvin
Programme Director, BSc Economics
Queen's Management School

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w: qub.ac.uk/mgt

EDUCATION

Education is studied both as a preparation for teaching in schools and as an important area of academic and professional activity. If you are considering a career in teaching, there are two possible routes:

1. The concurrent route

The four-year Bachelor of Education (BEd) Honours degree offered by the University Colleges (St Mary's or Stranmillis) is a professional programme for those intending to teach in Nursery, Primary or Post-Primary schools. Professional preparation is concurrent with the study of academic subjects.

2. The consecutive route

You will come to the University and take a degree other than Education, applying on graduation to the one-year postgraduate teacher education course (PGCE) in the University's School of Social Sciences, Education and Social Work. St Mary's and Stranmillis also offer specialist PGCE programmes in Irish Medium education and Early Years Education respectively.

Either way, you will be a graduate of Queen's and a qualified teacher. The University and the University Colleges are required by the Government to adhere to strict quotas for admission to each type of course; however, with both routes you will still be qualified to teach in any type of school.

If you want to be a Primary or a Post-Primary teacher and decide on the concurrent route, you can apply through UCAS to follow the BEd degree programmes in Stranmillis University College. Applications for the BEd degree programmes in St Mary's University College must be made directly to the College. Information on how to apply is available on the Colleges' websites.

COURSE CONTENT

The BEd is a professional degree for those intending to teach in Primary or Post-Primary schools and is four years in duration. Teaching and learning for the degree are undertaken in the University Colleges.

BEd Honours Primary (4 yrs)

The degree comprises five inter-related strands:

1. Education Studies
2. Key Skills
3. Professional Development and School Experience
4. Curriculum Studies
5. Subject Study and Subject Application (St Mary's) or Area of Specialism (Stranmillis)

In addition to education theory (Education Studies), students will study all areas of learning in the Northern Ireland Curriculum.

Students at St Mary's University College will be required to specialise in one of the following academic subject areas:

- English
- History
- Irish
- Mathematics
- Music
- Physical Education
- Religious Studies
- Science

BEd

Education (Bachelor of) 4 yrs

Entrance Requirements

For BEd entrance requirements and admission information, please contact St Mary's and Stranmillis University Colleges directly.

Note: each of the University Colleges issues its own prospectus and application is made differently for each.

• St Mary's – students apply directly to the College (see smucb.ac.uk/admissions)

• Stranmillis – students apply through UCAS (see stran.ac.uk/informationabout/courses/bedteachereducation/ for the appropriate UCAS code).

“The Post-primary BEd degree at Stranmillis is unique. It has given me a sound understanding of both the subject knowledge and professional practice that I will need for the teaching profession.”

Paul Edmonds
BEd Post-primary (Mathematics and Science) Stranmillis University College

“Through the Education course I have studied various theoretical approaches to effective teaching and learning. This proved extremely beneficial during school experience as I got to practise and witness first hand these different techniques and strategies, and I was able to continuously learn from my experiences.”

Roisin Devlin, Year 2, BEd (Hons) Primary, St Mary's University College

Stranmillis offers the following Areas of Specialism for students in Years 1-3, which supplement their Curriculum Studies courses through increased skills, knowledge and subject-leadership development:

- Art and Design
- Drama and English
- Geography and History
- Music
- Numeracy
- Physical Education
- Religious Education
- Science

BEd Honours Post-Primary (4 yrs)

- Students will have the opportunity to specialise in one of the following academic subject areas:
- Business and Enterprise
- Mathematics and Science
- Religious Studies
- Technology and Design

Queen's is ranked 7th in the UK for Education.

(Guardian University Guide 2019)



Students at Stranmillis (with the exception of Maths and Science students) will also select a subsidiary subject from:

- Computing
- English
- Mathematics
- Physical Education
- Religious Studies

Students at St Mary's will also select a subsidiary subject from:

- Computing and ICT
- English
- History
- Science

SPECIAL FEATURES/ WHY QUEEN'S?

Both St Mary's and Stranmillis have a range of well-established partnerships that enable students to undertake part of their studies in alternative workplace settings or in international placements.

Other undergraduate degrees offered in the University Colleges are:

St Mary's: BA Honours (Liberal Arts)

Stranmillis: BA (Early Childhood Studies) and BSc (Health, Physical Activity and Sport)

For further details, consult the relevant University College prospectus.

CAREERS/FURTHER STUDY

Students graduating with a BEd degree are qualified to teach in all types of Primary and Post-Primary schools in the UK, and the degree is also a recognised teaching qualification in many international settings.

In addition, the BEd qualifies graduates to work in education-related settings appropriate to their academic specialisms, for instance, as an Education Officer or Advisory Teacher, as well as in alternative education settings, and can also lead to employment in organisations where the training of staff is a key priority.

All students have the opportunity to continue their studies to postgraduate level at Stranmillis University College by selecting an appropriate specialist option from the MEd, MTeach or MA programmes. St Mary's offers an MEd programme specially designed for the professional development of teachers and educationalists which has 11 specialist options.

Entrance requirements

For BEd entrance requirements and admission information, please contact St Mary's and Stranmillis University Colleges directly (see below).

Contact

St Mary's University College
Academic Registry
t: +44 (0)28 9026 8320
e: admissions@smucb.ac.uk
w: smucb.ac.uk

Stranmillis University College
Academic Registry
e: registry@stran.ac.uk
t: +44 (0)28 9038 4263
w: stran.ac.uk

ELECTRICAL AND ELECTRONIC ENGINEERING

In a world where sustainable energy, smart home technology, the Internet of Things and even self-driving cars are a reality, studying Electrical and Electronic Engineering offers students immeasurable potential opportunities. Electrical and Electronic Engineering is one of the broadest and impactful exciting engineering disciplines on offer at Queen's University. The degree programme covers a wide spectrum of topics, from micro-electronic chip design and manufacturing to power generation and distribution.

At Queen's we work closely with future employers to enhance these career prospects and placement experiences are embedded into the course. This allows students to engage with and learn from real world challenges from day one. This combination of academic theory and application forms a core part of the curriculum and vastly improves our graduate employability rates.

COURSE CONTENT

BEng

This is an enhanced, three-year Honours degree. All BEng students are normally required to complete at least 12 weeks of approved industrial training before graduating. The BEng is also offered incorporating a year in industry. This professional experience year is usually taken after Stage 2. Transfer from BEng to MEng is possible at the end of Stage 2, subject to satisfactory performance.

Stage 1

- Embedded Systems
- Mathematics 1
- Electronics 1
- Computer Programming
- Electrical Engineering

Stage 2

Compulsory modules:

- Circuits and Control
- Professional Engineering Practice 2

Optional modules:

- Electronics 2
- Electrical Power
- Engineering 2
- Signals & Communication Systems 2
- Embedded Systems 2

Stage 3

Compulsory modules:

- Project 3
- Software Engineering 3

Optional modules:

- Electrical Power & Energy
- High Frequency System Techniques
- Networks & Communication Protocols
- Control Systems Engineering
- Digital Systems Architecture
- Signal Processing and Communications
- Connected Health
- Computer Algebra

MEng (Stage 4)

This four-year extended engineering degree has been established to provide a good supply of well-qualified engineers with an appropriate blend of engineering knowledge and skills in business practice and management. There is a core component of entrepreneurship, giving key insights into company creation. All of the material in the first two years is common with the BEng degree.

BEng Honours

Electrical and Electronic Engineering 3 yrs (H600)

Electrical and Electronic Engineering 4-yr SW (H604)

MEng Honours

Electrical and Electronic Engineering 4 yrs (H602)

Electrical and Electronic Engineering 5-yr SW (H605)

See also Software and Electronic Systems Engineering

Entrance Requirements

BEng

A-level:

ABB including Mathematics and at least one from Physics (preferred), Biology, Chemistry, Electronics, Further Mathematics, Technology and Design or Double Award Life & Health Sciences.

BTEC Extended Diploma:

A relevant BTEC Extended Diploma with 120 credits at Distinction and 60 credits at Merit. Distinctions will be required in stipulated relevant units + GCSE Mathematics grade.

Note: applicants not offering Physics at A-level should have a minimum of a grade C/4 in GCSE Physics or GCSE Double Award Science grades CC/44.

Higher National Diploma:

Those with good grades in a relevant Higher National Diploma will be considered on their individual merits for entry to Stage 2 + GCSE Mathematics grade C/4.

MEng

A-level:

AAA including Mathematics and at least one from Physics (preferred), Biology, Chemistry, Technology and Design, Electronics, or Further Mathematics.

Note: applicants not offering Physics at A-level should have a minimum of a grade B/6 in GCSE Physics or GCSE Double Award Science grades BB/66.

Note: MEng applicants will automatically be considered for admission to the BEng if they are not eligible for entry to the MEng, both at initial offer-making stage and when results are received.

Option to Transfer: transfers between BEng and MEng may be possible at the end of Stage 2.

For students whose first language is not English

An IELTS score of 6.0 with a minimum of 5.5 in each test component or an equivalent acceptable qualification, details of which are available at: go.qub.ac.uk/EnglishLanguageReqs

"I would recommend Electrical and Electronic Engineering to anyone hoping to pursue a career in industry, as it is so well respected. I graduated in 2014, and have recently started a graduate scheme in BT working on projects aimed at reducing energy use through innovative and renewable technologies."

Paula Dunlop, Belfast
Electrical and Electronic Engineering Graduate



Stage 4 modules include:

- MEMS Devices and Technology 4
- Wireless Communications System
- Intelligent Systems and Control
- Sustainable Energy Systems
- Smart Grids
- Wireless Sensor Systems
- High Frequency Technology and Design

All MEng students must normally complete at least 24 weeks of approved industrial training before graduating. The MEng is also offered incorporating a sandwich year in industry - this professional experience year is usually taken after Stage 2.

WHY QUEEN'S?

Accreditation: These degrees are fully accredited by the relevant professional body (the Institution of Engineering and Technology).

Placement: Students may undertake a year's paid placement in industry and there are currently lots of companies to choose from. Examples of companies where our students have spent their placements include BT, Sensata Technologies, Andor Technology, NIE Networks, BAE Systems, Atkins, Microsoft and Seagate. Students may also gain summer work experience through the IAESTE international exchange programme. Canada, Croatia, Hong Kong, Thailand and Malaysia are just some of the countries where our students have been to through this scheme.

Scholarships: Queen's is one of only nine UK universities involved in the prestigious IET 'Power Academy' scholarship scheme, which each year provides scholarships from the fourteen industrial partners to students on the BEng and MEng degrees. The industrial partners involved in the Power Academy Scheme – examples include NIE Networks, Rolls Royce, National Grid, Network Rail, London Underground, Mitsubishi Electric and BAE Systems. Other companies, such as

Sensata, Civica and Caterpillar, also sponsor students on these courses. For further information, visit the school website.

Research-led Teaching: Electrical and Electronic Engineering at Queen's is ranked in the Top 10 in the UK for research (Times Higher Education rankings based on REF 2014).

CAREERS/FURTHER STUDY

A shortage of Electrical and Electronic Engineers, not only in Northern Ireland and the rest of the UK, but worldwide, means career prospects are excellent. The employment rate for Queen's graduates is 96 per cent (ie percentage employed in a graduate-level job within six months of graduating, HESA Destination of Leavers from Higher Education Survey, 2016/17). Studying for this degree at Queen's will help you to develop the core skills and employment-related experiences that are valued by employers, professional organisations and academic institutions. Although the majority of our graduates pursue careers in engineering, significant numbers develop careers in a wide range of other sectors.

Further Study

Further study is also available – graduates can choose from a wide range of Master's programmes as well as a comprehensive list of research topics; see the school website for further information.

Entrance requirements

e: admissions@qub.ac.uk
t: +44 (0)28 9097 3838

Course information

School of Electronics, Electrical Engineering and Computer Science

e: eeecs@qub.ac.uk
t: +44 (0)28 9097 4669
w: qub.ac.uk/eeecs

ENERGY, ENVIRONMENT AND SUSTAINABILITY (FD)

This FdSc in Energy, Environment and Sustainability is taught at South West College in Omagh. The rural sector is currently undergoing a rapid change with the decline in importance and profitability of traditional industries, environmental pressures and new opportunities in diversification activities and technologies such as the application of renewable energy, production of energy crops and industrial or business applications.

This programme aims to provide students with technological and business skills required to meet these challenges, supporting the move towards environmental and financial sustainability within the rural economy.

COURSE CONTENT

This degree is suitable for those who are interested in increasing their knowledge of renewable energies, diversification or rural business development and the integral work placement ensures that students are able to fully apply their knowledge gained on the programme.

The Foundation Degree in Energy, Environment and Sustainability meets all these attributes through the provision of work placement, real-life case studies, an articulation route to the BSc Environmental Management degree within Queen's and partnership with South West College, Omagh Campus, where the programme is delivered.

The modules are:

Stage 1

- Biomass and Biofuel Technology
- Business and Management
- Engineering Principles
- Environment and Sustainability
- Renewable Energy Applications
- Waste Management
- Wind Turbine Technology

Stage 2

- Business Improvement Techniques
- Economics of Renewable Energy Technology
- Energy Assessment
- Environmental Business Planning
- Environmental Science
- Work Placement

WHY QUEEN'S?

Work Placement

Full-time students taking the foundation degree in Energy, Environment and Sustainability undertake a work-placement in the second semester of year 2. This compulsory work placement provides students with the opportunity to utilise the practical skills gained during the teaching of their degree and apply these in a work environment.

Past students have gained work placement with organisations such as Armagh District Council, Cavan County Council, Terex Finlay Ltd, SynErgy NI Ltd, Department of Agriculture and Rural Development (now DAERA), and Future Renewables Ltd.

Progression

Subject to achieving specific academic standards in the FdSc, students may articulate to Stage 2 of the BSc Environmental Management programme at Queen's University, Belfast or the Part time BSc in Energy, Environment and Sustainability at Omagh campus, South West College

FdSc (Foundation Degree)

Energy, Environment and Sustainability 2 yrs (FT) (D444)
Based at South West College, Omagh Campus

See also Environmental Management

Entrance Requirements

A-level:

CC + GCSE Mathematics grade C/4
OR

CD including Biology, Chemistry, Geography, Mathematics or Physics + GCSE Mathematics grade C/4.

For students whose first language is not English

An IELTS score of 6.5 with a minimum of 5.5 in each test component or an equivalent acceptable qualification, details of which are available at: go.qub.ac.uk/EnglishLanguageReqs

CAREERS/FURTHER STUDY

Studying for an FdSc Energy, Environment and Sustainability degree at Queen's and South West College will assist students in developing the core skills and employment-related experiences that are valued by employers, professional organisations and academic institutions.

Graduates from this degree are well regarded by many employers (local, national and international) and over half of all graduate jobs are now open to graduates of any discipline, including Energy, Environment and Sustainability.

Although the majority of our graduates are interested in pursuing careers in renewable energy applications and environmental management significant numbers develop careers in a wide range of other sectors. The following is a list of the major career sectors that have attracted our graduates in recent years

- Management Consultancy
- Environmental Consultancies
- Education Sector
- Civil Service

Employer Links

We regularly consult and develop links with a large number of employers including, for example, Camphill Communities NI, Rural Generation Ltd, ReCyCo Ltd, Omagh and Fermanagh District Councils who are members of the employer liaison panel for the course. The Technology Department has unique employer interface through the South West College InnoTech Centre and Centre for Renewable Energy and Sustainable Technologies.



With the increasing costs associated with fossil fuel, the focus of the energy sector is moving steadily to renewable energy applications. This Foundation degree develops and improves participants' environmental knowledge and sustainable practices aimed at increasing diversification of economies. As well as gaining an understanding of the renewable energy sector, students will also be able to develop a sound understanding of current environmental and waste management systems, their future development and the legislation surrounding changes in environmental practice and resource management.

Entrance requirements

e: admissions@qub.ac.uk
t: +44 (0)28 9097 3838

Course information

John Moore / Dr Alberto Longo
Programme Co-ordinators
School of Biological Sciences

e: biosciences-ug@qub.ac.uk
t: +44 (0)28 9097 5786
w: qub.ac.uk/bb

ENGLISH STUDIES

Students undertaking English Studies at Queen's explore literatures in English in the widest possible sense. From the earliest writings in Anglo-Saxon to contemporary Irish, British, and 'global' literatures, students study English in its historical, cultural and ideological circumstances and material manifestations. Our language modules (also available on the Linguistics pathway) explore language structure and function; the day-to-day use of language, including in the media; and the major influences that have shaped English.

COURSE CONTENT

Stage 1

Core modules

- English in Transition
- English in Context
- Introduction to English Language
- Adventures in the History of Ideas
- Introduction to Creative Writing

Stage 2

Optional modules

- Foundations for Speech Analysis: The Phonetics of English
- Mapping the Anglo-Saxon World
- Havoc and Rebellion: Writing and Reading Later Medieval England
- Shakespeare and Co
- Fiction to Austen (1660-1820)
- Inventing America
- Romantic Poetry (1789-1832)
- Enlightenment and its Discontents
- The English Language: Language and Power
- History of English: Studying Language Change
- An Introduction to Critical and Cultural Theory
- Reading Revolutions: The English Bible, Medieval to Early Modern
- Modernism and Modernity
- Modern American Fiction: Race, Class, Gender, Sexuality
- Dickens and the Cult of Celebrity
- Irish Literature

Stage 3

Optional modules

- Dissertation
- Stylistics: Analysing Style in Language
- Language in the Media
- Televising the Victorians

- Contemporary Irish and Scottish Fiction
- Shakespeare on Screen
- Contemporary Literature: Poetry and Precariousness in the 21st Century
- Contemporary US Crime Fiction
- Speech Worlds: Phonology in Acquisition and Disorder
- The Structure of English
- Marvels, Monsters and Miracles in Anglo-Saxon England
- Women's Writing 1660-1820
- Restoration to Regency in Contemporary Fiction
- Digital Textualities and the History of the Book
- Writing Africa: The Colonial Past to Colonial Present
- Irish Gothic
- Stevens and Bishop
- Special Topic Creative Writing
- Special Topic Irish Literature

Note: Modules at Stages 2 and 3 are subject to change based on availability.

WHY QUEEN'S?

Global Opportunities

English at Queen's offers a range of Study Abroad opportunities, from the Erasmus programme with a range of European partners, to the chance to study at a number of partner institutions in the United States.

Industry Links

We regularly consult and develop links with a large number of employers including, for example, BBC Northern Ireland as part of our work-based learning initiatives.

BA Single Honours

English 3 yrs (Q300)

BA Joint Honours

Anthropology and English 3 yrs (QL36)

Drama and English 3 yrs (WQ43)

English and Film Studies 3 yrs (QW36)

English and French 4 yrs (QR31)

English and History 3 yrs (QV31)

English and Irish 3 yrs (QQ53)

English and Linguistics 3 yrs (QQ31)

English and Philosophy 3 yrs (QV35)

English and Politics 3 yrs (QL32)

English and Sociology 3 yrs (QL33)

English and Spanish 4 yrs (QR34)

See also Drama and English, and English and History

Entrance Requirements

A-level:

ABB including A-level English for Single Honours and Joint Honours with Anthropology, French, History, Irish, Linguistics, Philosophy, Politics and Spanish. BBB including A-level English for other options.

Note: for applicants who have not studied A-level English then AS-level English (grade A) would be acceptable in lieu of A-level English.

All applicants:

If you plan to study English as a Joint Honours degree you should refer to the subject requirements for the other course, in addition to those for English. For BA English and History, please see separate entry.

For students whose first language is not English

An IELTS score of 6.5 with a minimum of 5.5 in each test component or an equivalent acceptable qualification, details of which are available at: go.qub.ac.uk/EnglishLanguageReqs

Student Experience

A thriving cultural scene organised by our undergraduate and postgraduate communities, from the English Society and Poetry and Pints to the Lifeboat and the Yellow Nib, makes studying English at Queen's a unique proposition.

CAREERS/FURTHER STUDY

Studying for an English degree at Queen's will assist you in developing the core skills and employment-related experiences that are valued by employers, professional organisations and academic institutions.

Graduates from this degree at Queen's are well regarded by many employers (local, national and international) and over half of all graduate jobs are now open to graduates of any discipline, including English. In particular, employers value the initiative, imagination, creativity and independence of thought fostered by the English degree.

The following is a list of the major career sectors (and some starting salaries) that have attracted our graduates in recent years:

- Advertising
- Librarianship
- Public Relations (£20,000)
- Publishing, Media and Performing Arts (£16,000–£25,000)
- Fast Stream Civil Service (£25,000)
- Management Consultancy

Graduate Careers and Achievements

Many of our former graduates have risen to the top of their fields and include many famous figures; for example:

- Seamus Heaney, Nobel Prize-winning poet
- Paul Muldoon, academic and poet
- Stephen Rea, actor
- Helen Madden, writer and actor
- Annie Kelly, journalist and writer
- Annie Mac, radio presenter

Further Study

Students can apply for cognate postgraduate taught modules in the Faculty such as:

- MA in English Literary Studies
- MA in Broadcast Literacy
- MA in Poetry
- MA in Creative Writing
- MSc in Software Development (conversion course) MLaw (conversion course)
- PGCE in Education



"I've always loved English and the course at Queen's offers a variety of literary texts, as well as passionate lecturers. There is a lot of support available at Queen's which is comforting. My confidence is growing every day. Belfast is an amazing city. I find the people very friendly and it's easy to navigate."

Lisa Cross
BA English Student

English Studies at Queen's has an extraordinary heritage, as represented by its globally-esteemed writers, such as Nobel Laureate Seamus Heaney and T.S. Eliot Prize recipients Paul Muldoon and Ciaran Carson, among others. A new generation, such as Poetry Book Society 'Next Generation Poet' Dr Leontia Flynn, who also won the Forward Prize for Best First Collection, continue a proud tradition.

Entrance requirements
e: admissions@qub.ac.uk
t: +44 (0)28 9097 3838

Course information
School of Arts, English and Languages
e: english@qub.ac.uk
t: +44 (0)28 9097 3238
w: qub.ac.uk/ael

Queen's is ranked in the top 100 in the world for English Language and Literature.

(QS World Rankings by Subject 2019)

ENGLISH AND HISTORY

Students undertaking English and History at Queen's explore literature, language and history in the widest possible sense, from the earliest writings in Anglo-Saxon to contemporary Irish, British, and 'global' literatures. From the origins of ancient Greece and Rome to modern Irish, European, American and Chinese history, students study English in its linguistic, historical and ideological circumstances and in History can choose modules that focus on gender, social and cultural history, colonial history, politics, religious and economic change.

COURSE CONTENT

Stage 1

Core modules

- English in Transition
- English in Context
- Introduction to English Language
- History and Historians
- Exploring History 2
- Exploring History 1

Stage 2

Optional modules

- Foundations for Speech Analysis: The Phonetics of English
- Mapping the Anglo-Saxon World
- Havoc and Rebellion: Writing and Reading Later Medieval England
- Shakespeare and Co
- Fiction to Austen (1660-1820)
- Inventing America
- Romantic Poetry (1789-1832)
- Enlightenment and its Discontents
- The English Language: Language and Power
- History of English: Studying Language Change
- An Introduction to Critical and Cultural Theory
- Reading Revolutions: The English Bible, Medieval to Early Modern
- Modernism and Modernity
- Modern American Fiction: Race, Class, Gender, Sexuality
- Dickens and the Cult of Celebrity
- Irish Literature
- The American South, 1865-1980
- The Roman Origins of the East and West
- The American South 1619-1865
- Politics and Society in 19th C
- Politics and Society in 20th C
- Revolutionary Europe, 1500-1789
- Life, Love and Death in England
- Nationalism and Liberation in Africa

- Europe between the Wars, 1919-1939
- The Expansion of Medieval Europe
- The Making of Contemporary Britain
- Visualising China's Encounter
- Greece and Macedonia 404-337 BC
- Cabinets of Curiosity
- Recording History
- Uniting Kingdoms

Stage 3

Optional modules

- Double Dissertation English Literature
- Double Dissertation English Language
- Work-based Learning
- Stylistics: Analysing Style in Language
- Language in the Media
- Televising the Victorians
- Contemporary Irish and Scottish Fiction
- Shakespeare on Screen
- Contemporary Literature: Poetry and Precariousness in the 21st Century
- Contemporary US Crime Fiction
- Speech Worlds: Phonology in Acquisition and Disorder
- The Structure of English
- Marvels, Monsters and Miracles in Anglo-Saxon England
- Women's Writing 1660-1820
- Restoration to Regency in Contemporary Fiction
- Digital Textualities and the History of the Book
- Writing Africa: The Colonial Past to Colonial Present
- Irish Gothic
- Stevens and Bishop
- Special Topic Creative Writing
- Special Topic Irish Literature
- The Irish Country House
- That Vast Catastrophe
- The Origins of the Protestantism
- Interpreting Voices Of The Past
- The Ancient City

BA Joint Honours

English and History 3 yrs (QV31)

See also English Studies, and Drama and English

Entrance Requirements

A-level:

ABB including A-level English

Note: for applicants who have not studied A-level English then AS-level English (grade A) would be acceptable in lieu of A-level English.

For students whose first language is not English

An IELTS score of 6.5 with a minimum of 5.5 in each test component or an equivalent acceptable qualification, details of which are available at: go.qub.ac.uk/EnglishLanguageReqs

- Paths to Independence and Decolonisation in India and East Africa
- Thatcher's Britain
- Sin Cities? Everyday Life in the Modern Metropolis
- Religion and Empire
- Kings, Courts and Culture in Carolingian Europe
- The Irish Revolution, 1917-1921
- Working Class Communities in the UK 1900-1970
- The Peasants' Revolt 1381
- Dissertation
- The War of Ideas 17 C Ireland
- The British Republic
- Presbyterians in Ulster, 1690-1840
- The Second World War in Europe
- Age of anxiety: Irish culture
- 'There Ain't No Black in the Union Jack'? Race and Immigration in post-war Britain

WHY QUEEN'S?

Industry Links

We regularly consult and develop links with a large number of employers including, for example, BBC Northern Ireland as part of our work-based learning initiatives. Several History modules include links with local collaborative partners, which provide students with opportunities to network with experts in the field or to gain experience of particular industries prior to graduation.

Internships have also been developed to allow students the opportunity to carry out work experience in history-related fields.

Student Experience

From Personal Tutors to peer mentoring, we work closely with students to ensure they are supported at every stage of their degree.

A thriving cultural scene organised by our undergraduate and postgraduate communities, from the English Society and Poetry and Pints to the Lifeboat and the Yellow Nib, makes studying English at Queen's a unique proposition.

Students can work with our visiting Fulbright Scholars, leading US academics who spend a semester at Queen's each year.

With DegreePlus, students have the opportunity to burnish their academic achievements with employment-facing placements and projects.

CAREERS/FURTHER STUDY

Studying for an English and History degree at Queen's will assist you in developing the core skills and employment-related experiences that are valued by employers, professional organisations and academic institutions. A good degree in English and History is a guarantee that the holder can analyse subjects in depth and develop coherent arguments in written and verbal form. In addition, the subject matter studied is always related to a wide range of contemporary issues, which allows graduates to understand the present in its proper perspective. Graduates from this degree at Queen's are well regarded by many employers (local, national and international) and over half of all graduate jobs are now open to graduates of any discipline.

In a context where over half of all graduate jobs are now open to graduates of any discipline, we have found that employers of all kinds wish to employ English and History graduates. Although many of our graduates are interested in pursuing careers in teaching, business, the civil service, translating/interpreting or advertising, significant numbers develop careers in a wide range of other sectors.

A list of the major career sectors (and some starting salaries) that have attracted our graduates in recent years is shown below:

- Advertising
- Librarianship
- Voluntary sector/charities (£15,000-£18,000)
- Public Relations (£20,000)
- Banking (£28,000)
- Export Marketing (£15,000-£25,000)
- Publishing, Media and Performing Arts (£16,000-£25,000)
- Teaching (£21,500)
- Fast Stream Civil Service (£25,000)
- Translation/Interpreting (£18,000-£26,000)
- Varied graduate programmes (Times Top 100 Graduate Recruiters/AGR, Association of Graduate Recruiters UK)

Graduate Careers and Achievements

Many of our former graduates have risen to the top of their fields and include many famous figures; for example, in English:

- Seamus Heaney, Nobel Prize-winning poet
- Paul Muldoon, academic and poet
- Stephen Rea, actor
- Helen Madden, writer and actor
- Annie Kelly, journalist and writer
- Annie Mac, radio presenter

In History:

- Bill Neely (ITV News Editor)
- Alan Green (Radio 5 Live)

Further Study

Students can apply for cognate postgraduate taught modules in the Faculty such as:

- MA in English Literary Studies
- MA in Poetry
- MA in Creative Writing
- MSc in Software Engineering (conversion course) MA in Law (conversion course)
- MA in History
- PGCE in Education

Alternatively, we offer a research-led MRes in Arts and Humanities

"I've had the chance to study such a breadth of prose, poetry and drama across all sorts of periods under some of the most fantastic lecturers. Probably my favourite aspect of studying at Queen's is the community and friends that I've made within English. From being able to attend my lecturers' research seminars to peer mentoring first years, it feels like a (fantastically literary) family and I feel I couldn't have made a better choice."
Micheal McCann

Entrance requirements
e: admissions@qub.ac.uk
t: +44 (0)28 9097 3838

Course information
School of Arts, English and Languages
e: english@qub.ac.uk
t: +44 (0)28 9097 3238
w: qub.ac.uk/ael

ENGLISH WITH CREATIVE WRITING

Students undertaking English with Creative Writing at Queen's explore literatures in English in the widest possible sense and work with some of the leading writers working in the UK and Ireland. From the earliest writings in Anglo-Saxon to contemporary Irish, British, and 'global' literatures, students study English in its historical, cultural and material contexts. Our language modules explore the history and structure of English; its day-to-day usage, including in the media; and the major influences that have shaped it over the last millennium and a half.

COURSE CONTENT

Stage 1

Core modules

- English in Transition
- English in Context
- Introduction to English Language
- Adventures in the History of Ideas
- Introduction to Creative Writing

Stage 2

Students must choose two of the three modules listed below

- Creative Writing Drama
- Creative Writing Poetry
- Creative Writing Prose

Optional modules

- Foundations for Speech Analysis: The Phonetics of English
- Mapping the Anglo-Saxon World
- Havoc and Rebellion: Writing and Reading Later Medieval England
- Shakespeare and Co
- Fiction to Austen (1660-1820)
- Inventing America
- Romantic Poetry (1789-1832)
- Enlightenment and its Discontents
- The English Language: Language and Power
- History of English: Studying Language Change
- An Introduction to Critical and Cultural Theory
- Reading Revolutions: The English Bible, Medieval to Early Modern
- Modernism and Modernity
- Modern American Fiction: Race, Class, Gender, Sexuality
- Dickens and the Cult of Celebrity
- Irish Literature

Stage 3

Core module

- Dissertation Creative Writing

Optional modules

- Stylistics: Analysing Style in Language
- Language in the Media
- Televising the Victorians
- Contemporary Irish and Scottish Fiction
- Shakespeare on Screen
- Contemporary Literature: Poetry and Precariousness in the 21st Century
- Contemporary US Crime Fiction
- Speech Worlds: Phonology in Acquisition and Disorder
- The Structure of English
- Marvels, Monsters and Miracles in Anglo-Saxon England
- Women's Writing 1660-1820
- Restoration to Regency in Contemporary Fiction
- Digital Textualities and the History of the Book
- Writing Africa: The Colonial Past to Colonial Present
- Irish Gothic
- Stevens and Bishop
- Special Topic Creative Writing
- Special Topic Irish Literature

Note: Modules at Stages 2 and 3 are subject to change based on availability.

BA Single Honours

English with Creative Writing 3 yrs (Q3W8)

See also English Studies

Entrance Requirements

A-level:

ABB including A-level English

Note: for applicants who have not studied A-level English then AS-level English (grade A) would be acceptable in lieu of A-level English.

For students whose first language is not English

An IELTS score of 6.5 with a minimum of 5.5 in each test component or an equivalent acceptable qualification, details of which are available at:

go.qub.ac.uk/EnglishLanguageReqs

WHY QUEEN'S?

Global Opportunities

English at Queen's offers a range of Study Abroad opportunities, from the Erasmus programme with a range of European partners, to the chance to study at a number of partner institutions in the United States.

CAREERS/FURTHER STUDY

Studying for an English with Creative Writing degree at Queen's will assist you in developing the core skills and employment-related experiences that are valued by employers, professional organisations and academic institutions.

Graduates from this degree at Queen's are well regarded by many employers (local, national and international) and over half of all graduate jobs are now open to graduates of any discipline, including English. In particular, employers value the initiative, imagination, creativity and independence of thought fostered by our English degrees.

The following is a list of the major career sectors that have attracted our graduates in recent years:

- Publishing, Media and Performing Arts
- Public Relations
- Advertising
- Librarianship
- Fast Stream Civil Service
- Management Consultancy

Graduate Careers and Achievements

Many of our former graduates have risen to the top of their fields and include many famous figures; for example:

- Seamus Heaney, Nobel Prize-winning poet
- Paul Muldoon, academic and poet
- Stephen Rea, actor
- Helen Madden, writer and actor
- Annie Kelly, journalist and writer
- Annie Mac, radio presenter

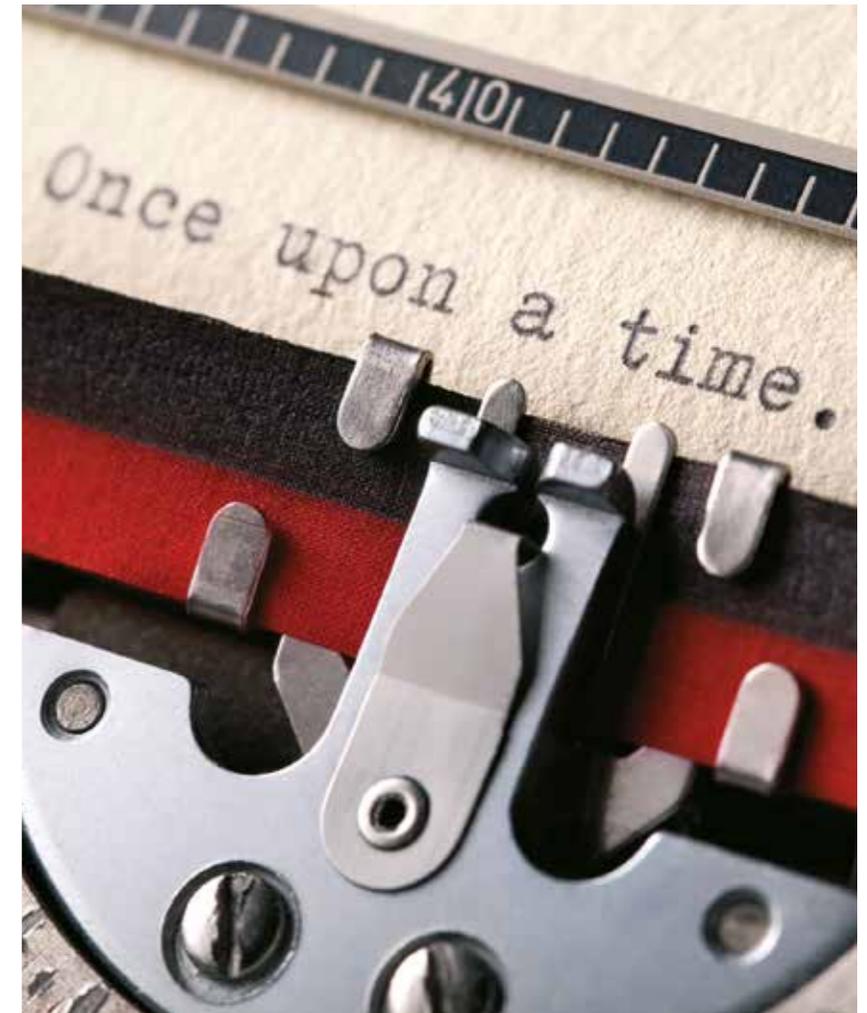
Further Study

Further study is also an option open to English with Creative Writing graduates. Students can choose from a wide range of postgraduate programmes, including:

- MA in English Literary Studies
- MA in Media and Broadcast Production
- MA in Poetry
- MA in Creative Writing
- MSc in Software Development (conversion course) MLaw (conversion course)
- PGCE in Education

"English at Queen's has a fantastic reputation, having taught some of the most famous poets and novelists in the UK."

Shiraz Engineer
BA English with Creative Writing Graduate



Entrance requirements

e: admissions@qub.ac.uk
t: +44 (0)28 9097 3838

Course information

School of Arts, English and Languages

e: english@qub.ac.uk
t: +44 (0)28 9097 3238
w: qub.ac.uk/ael



**7TH IN UK FOR
CREATIVE WRITING**
(Complete University Guide 2020)

ENVIRONMENTAL AND CIVIL ENGINEERING

Environmental and Civil Engineering is concerned with the impact of infrastructure on the natural environment. It encompasses planning, design, construction, sustainability and management of the built environment. Fields of activity include water engineering, waste management, structures, transportation and foundations. Environmental engineers require not only technical skills but also project management and communication skills.

Civil Engineering was one of the founding degrees at Queen's, making it one of the oldest in the UK and Ireland. Staff are leading high-quality research and are recognised for their excellence in teaching.

COURSE CONTENT

This degree is designed to provide students with a good basis for a professional career as a chartered Civil Engineer working with environmental scientists and geologists. Emphasis is placed on the practical application of theory through design and laboratory work. The degrees contain an element of choice, but all students are required to take courses which will equip them with the technical, management and professional skills needed for a career in environmental and civil engineering.

Stage 1

Students study the fundamentals of civil engineering theory and practice. This forms the transition from the basic mathematics and sciences studied at secondary level to engineering applications.

Stage 1 courses provide a foundation in engineering mathematics, construction materials, fluids mechanics, structural behaviour, surveying, and engineering design.

Stage 2

This is a very important year of study, when the major knowledge of civil engineering subjects and their application within design are developed.

Students following the sandwich degree will take an Industrial Placement Year between Stages 2 and 3, or between Stage 3 and 4.

Stage 2 courses develop students' understanding of the core areas of geotechnics, structures, mathematics, and design. Students specialise in civil engineering by taking hydraulics and highways.

Stage 3

Theory is now applied in a professional context. Students are introduced to water treatment and management and economics within the civil engineering profession. All students undertake a major individual research project.

Stage 3 courses extend students' understanding of the core areas of geotechnics, structures, construction management and design. Students specialise in civil engineering by taking hydraulics.

Stage 4

The MEng is an Integrated Masters programme, so Stage 4 is set at Masters level. In this year students develop knowledge of environmental and business management. They work in teams on large integrated designs, which form a substantial part of their studies. Students also broaden their knowledge by a wide choice of environmental engineering modules while being required to take relevant core civil engineering subjects to advanced level.

Stage 4 courses focus on design, construction management, and environmental impact assessment.

MEng Honours

Environmental and Civil Engineering 4 yrs (H252)

Environmental and Civil Engineering 5-yr SW (H255)

See also Civil Engineering and Structural Engineering with Architecture

Entrance Requirements

A-level:

AAA including Mathematics and at least one from Biology, Chemistry, Computing, Digital Technology, Geography, ICT (not Applied ICT), Physics, Software Systems Development or Technology and Design.

Note: Applicants not offering Physics at A-Level should have a minimum of a grade B/6 in GCSE Physics or GCSE Double Award Science grades BB/66.

Note: applicants for the MEng degree will automatically be considered for admission to the BEng Civil Engineering degree if they are not eligible for entry to the MEng degree both at initial offer making stage and when results are received.

Option to Transfer: transfers between BEng Civil Engineering degree and this MEng may be possible at the end of Stage 2.

For students whose first language is not English

An IELTS score of 6.0 with a minimum of 5.5 in each test component or an equivalent acceptable qualification, details of which are available at: go.qub.ac.uk/EnglishLanguageReqs

WHY QUEEN'S?

Civil Engineering at Queens is an Academic Partner of the Institution of Civil Engineers and we have one of the highest graduate employment rates in the Russell Group of Universities.

Accreditation: this degree is accredited as fully satisfying the educational base for a Chartered Engineer (CEng), see jbm.org.uk for information.

Placement: many of our students have also gained international work placement through organisations such as IAESTE.

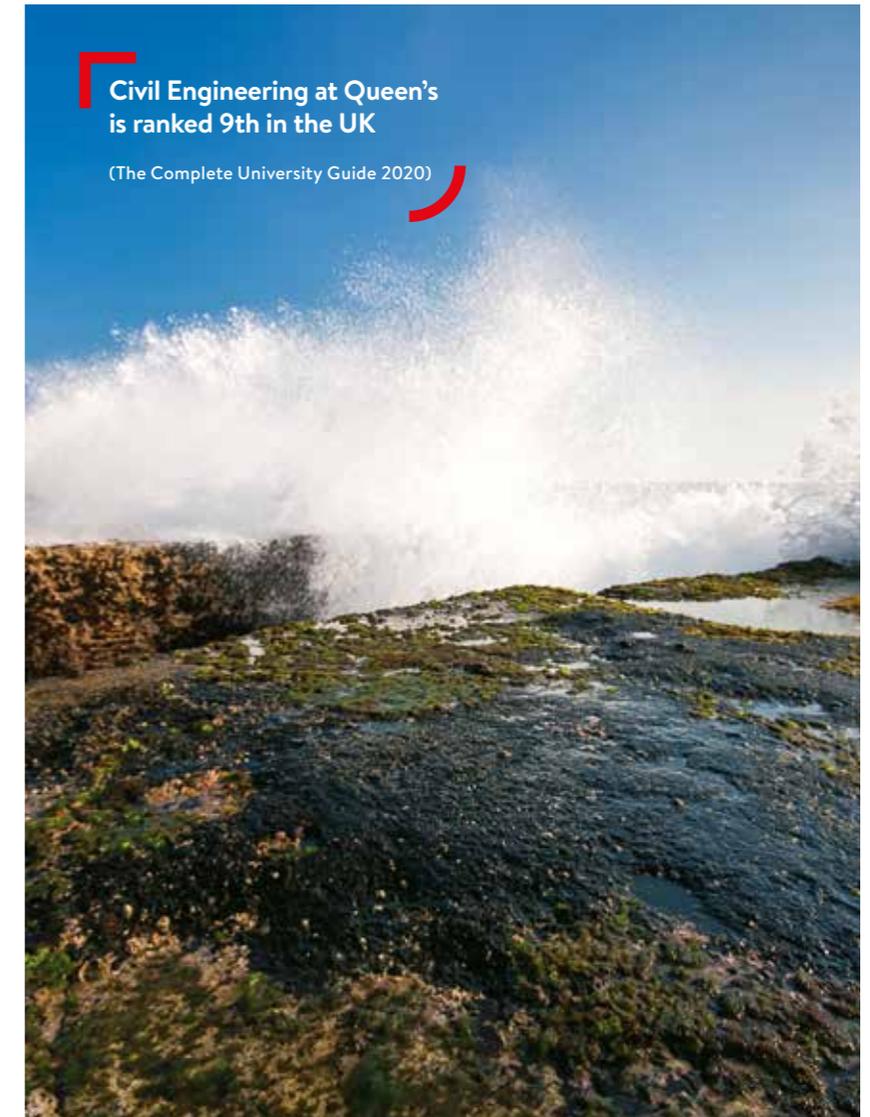
CAREERS/FURTHER STUDY

All major infrastructure developments require environmental assessment for their design and construction. Expertise in environmental assessment and Civil Engineering is therefore in demand. Graduates from this degree are ideally suited to this role, and can expect to find employment in the expanding areas of environmental management and regulation.

Studying for an MEng degree at Queen's will assist you in developing the core skills and employment-related experiences that are valued by employers, professional organisations and academic institutions.

Although the majority of our graduates pursue careers in environmental and civil engineering, significant numbers develop careers in a wide range of other sectors, eg management consultancy, accountancy, fast-stream Civil Service, varied graduate programmes (Times Top 100 Graduate Recruiters/AGR, Association of Graduate Recruiters UK).

We regularly consult with and develop links with a large number of local, national and international employers, some of whom provide sponsorship through the national QUEST Scholarship Scheme. Queen's is among the top universities in the number of scholarships gained. We also have a Civil Engineering Advisory Panel, which includes members from the major employer sectors and which forms the benchmark for the UK Civil Engineering Accrediting body, the Joint Board of Moderators.



Civil Engineering at Queen's is ranked 9th in the UK

(The Complete University Guide 2020)

Further Study

Further study is also an option – graduates can choose from a wide range of Master's programmes as well as a comprehensive list of research topics; see the School website for further information.

Entrance requirements

e: admissions@qub.ac.uk
t: +44 (0)28 9097 3838

Course information

Dr D Phillips
School of Natural and Built Environment

e: snbe@qub.ac.uk
t: +44 (0)28 9097 4006
w: qub.ac.uk/schools/NBE

ENVIRONMENTAL MANAGEMENT

The growing changes affecting the natural environment, and the increasing role of environmental policies affecting businesses and organisations are creating new and challenging career opportunities for those familiar with issues of sustainable development, planning and environmental protection and management.

The BSc in Environmental Management explores the physical, social, economic and cultural aspects of environmental management. It combines aspects of science, geography and environmental planning with an environmental work placement to understand the environmental systems in which we live and work.

COURSE CONTENT

The BSc in Environmental Management explores the physical, social, economic and cultural aspects of environmental management.

Students will be enabled to understand:

- Issues of sustainable development, conservation and environmental protection and management
- The integrated and holistic nature of environmental management.
- Devising, managing and critically evaluating project work

The modules are:

Stage 1

- Dynamic Earth
- Environmental Change: Past, Present and Future
- Environmental Management
- Planning, Health and Well Being
- Processes and Principles of Physical Geography
- Ecology and Environmental Science

Optional modules

- Environmental Change: Past, Present and Future
- Contemporary Issues in Urban and Rural Planning

Stage 2

- Environmental Assessment
- Geographical Research and Personal Development
- Introduction to Environmental Economics
- Landscapes and Geographical Information Systems
- Work Placement

One of the following:

- Planning Theory and Society
- Planning and Climate Change
- Applied Ecology
- Oceans Past, Present and Future

Work Placement

Environmental Management students will complete a compulsory 16 week degree-related work placement. Students will begin preparations for the placement in the first semester of Stage 2 and the placement will take place usually at the end of the second semester.

Stage 3

- Business Innovation and Entrepreneurship
- Policies for Environmental Sustainability
- Environmental Management Dissertation

One of the following:

- Sea-Level change; past, present and future
- Global Issues in Agriculture
- Infrastructure and Transportation Planning
- Conservation Biology

BSc Honours

Environmental Management 3 yrs (F850)

Environmental Management with Professional Studies 4-yr SW (F854)

Entrance Requirements

A-level:

BBB including at least two from Biology, Economics and Geography + GCSE Mathematics grade C/4

OR

ABB + GCSE Mathematics grade C/4.

BTEC Extended Diploma:

A relevant BTEC Extended Diploma with 100 credits at Distinction and 80 credits at Merit + GCSE Mathematics grade C/4

OR

Any BTEC Extended Diploma with 120 credits at Distinction and 60 credits at Merit + GCSE Mathematics grade C/4.

All applicants:

Certain modules will require GCSE Mathematics grade B/6.

For students whose first language is not English

An IELTS score of 6.5 with a minimum of 5.5 in each test component or an equivalent acceptable qualification, details of which are available at: go.qub.ac.uk/EnglishLanguageReqs

WHY QUEEN'S?

Professional Accreditations

Degrees accredited by the Royal Institution of Chartered Surveyors (RICS).

Work Placement

Students must complete a compulsory 16-week work placement as an integral part of Stage 2. This placement will help students apply their degree to a work place environment, and build a foundation for future career opportunities.

Multidisciplinary

This is a unique interdisciplinary course shared between two Schools – Biological Sciences and Natural and Built Environment.

Interactive Teaching

The course will include 'Dragons' Den' presentations to external experts in the final year for the module Business Innovation and Entrepreneurship. Planning and Geography modules will host guest lectures from business practitioners. Site visits will be an important component of many modules, including Environmental Management, Environmental Assessment, Policies for Environmental Sustainability, Dynamic Earth and Environmental Change.

CAREERS/FURTHER STUDY

Careers are diverse, not only in the rural and land use industries and government services, but also in private sector industries, financial institutions and agribusiness concerns of various kinds.

Graduates will have a knowledge of the natural environment, be able to demonstrate familiarity with sustainable development, conservation and environmental protection issues, as well as an understanding of the integrated and holistic nature of land use and environmental management.

Possible careers include environmental management (private and public sectors) and include consultancy and environmental impact assessment with environmental organisations (eg RSPB, WWF). Graduates can become Chartered Surveyors. Opportunities also exist within the full range of occupations associated with graduate employment.

Employment after the Course

Students who graduate from the Environmental Management programmes have primarily embraced careers in the following areas: environmental management; environmental consultancy; environmental conservation; environmental surveying.

Graduates from this course have found employment in several organisations, including:

- Action Renewables
- The Consumer Council
- DAERA
- Ecologia
- Environment Agency
- Nestlé
- RecyCo Waste Management
- RSPB
- RPS Consulting
- ESB International
- McQuillan Environmental
- Farrans
- ATG Group
- Clarity Consultancy NI
- DevineAir Limited
- Connswater Community Greenway
- John McCaffrey Associates
- Ofgem
- Caterpillar
- Bryson Recycling

FURTHER STUDY

Graduates from this course have continued further education studying MSc programmes in Ecological Management and Conservation Biology; Leadership for Sustainable (Rural) Development, and PhD programmes in Ecosystem Biology and Sustainability

"I am a Graduate Surveyor in the Valuation and Professional Services Department in Lambert Smith Hampton's Dublin office. After graduating from Queen's, I have been working on the valuation of various retail, office, industrial, development land and mixed use investment properties across Ireland."

Philip Lennon, Environmental Management Graduate



Entrance requirement

e: admissions@qub.ac.uk
t: +44 (0)28 9097 3838

Course information

Dr Alberto Longo
Programme Co-ordinator
School of Biological Sciences

e: biosciences-ug@qub.ac.uk
t: +44 (0)28 9097 5786
w: qub.ac.uk/bb

EUROPEAN PLANNING

This MPlan is a unique degree, offering a complete four-year pathway in professional planning education, with a specialisation in European Planning. Innovative features include an emphasis on understanding European-wide planning issues and overseas study at a European university, which will include opportunities for work placement. This provides unique insights into the diversity of planning cultures and challenges across the continent, allowing graduates to grasp a wide range of employment opportunities in the UK, Europe and beyond.

COURSE CONTENT

The first two years are shared with the BSc Environmental Planning and students will be eligible to transfer from one degree to the other at the end of the second year. In the third year, MPlan students begin to concentrate on aspects of European planning.

The degree includes fieldwork in Stages 1-3 and a week-long field study to Europe during Stage 3 (recent destinations have included Amsterdam, Barcelona and Krakow). Students will go on work placement during the summer between Stage 2 and Stage 3. The fourth year is spent at a partner university in Europe. We currently have partners in Sweden, The Netherlands, France and Germany, and new partners are always added.

Stage 1

- Planning, Health and Well Being
- Planning Skills and GIS
- Design Principles in the Built Environment
- Spaces, Places and Plans
- Contemporary Issues in Urban and Rural Planning
- Institutional and Policy Context

Stage 2

- Site Layout and Design
- Planning and Climate Change
- Economy and Space
- Theory and Practice of Development Management Planning Theory and Society
- Theory and Practice of Spatial Planning Policy

Stage 3

- Planning Practice Study Visit
- Comparative Planning Studies
- Researching European Planning
- European Planning Perspectives
- Legal Studies in Planning
- Themes in European Planning

Optional Courses

- Infrastructure and Transportation Planning
- Conservation of the Built Environment

Stage 4

- Advanced European Planning Studies (i)
- Advanced European Planning Studies (ii)

Optional Courses

- Independent Research Project in European Planning
- Work-based Study in European Planning

WHY QUEEN'S?

Unique: This MPlan is a unique degree, offering a complete four-year pathway in professional planning education, with a specialisation in European Planning. Innovative features include an emphasis on understanding European-wide planning issues and overseas study at a European university, which will include opportunities for work placement..

Ranking: Planning is ranked 6th in the UK (The Times and Sunday Times Good University Guide, 2020) and 2nd in the UK (The Guardian University Guide, 2020).

Accreditation: This degree is accredited by two professional bodies: the Royal Town Planning Institute (RTPI) and the Royal Institution of Chartered Surveyors (RICS).

MPlan Honours

European Planning 4 yrs (K490)

See also BSc in Planning, Environment and Development

Entrance Requirements

A-level:

AAB + GCSE Mathematics grade C/4

BTEC Extended Diploma:

A BTEC Extended Diploma with 140 credits at Distinction and 40 credits at Merit + GCSE Mathematics grade C/4

For students whose first language is not English

An IELTS score of 6.5 with a minimum of 5.5 in each test component or an equivalent acceptable qualification, details of which are available at: go.qub.ac.uk/EnglishLanguageReqs



Placement: MPlan students will go on work placement during the end of Stage 2 and will have the option of developing further work placement opportunities during Stage 4.

CAREERS/FURTHER STUDY

This degree builds on the University's established reputation for high-quality planning education. On past experience of the BSc in Planning, Environment and Development and the MPlan's, we anticipate that graduates will find employment in areas such as:

- Planning authorities and municipalities
- Private planning practice/property development
- Design consultants
- Housing authorities and agencies, such as housing associations
- Health trusts

- Policy advisers in planning, urban regeneration and the environment, particularly at the level of the EU
- Conservation and environmental NGOs
- Teaching (particularly geography)
- Public bodies, such as advisory bodies on the environment, heritage, transport and heritage
- Various graduate programmes (including banking and management)
- Further study (PhD) and research positions

We regularly consult with employers, links which are further enhanced through formal partnership meetings with the bodies that accredit our courses (RICS and RTPI), having a practising planner as one of our External Examiners, and involving a wide range of potential employers in student projects and regular careers events.

Entrance requirements
e: admissions@qub.ac.uk
t: +44 (0)28 9097 3838

Course information
Dr Linda Fox-Rogers
School of Natural and Built Environment

e: l.fox-rogers@qub.ac.uk
t: +44 (0)28 9097 4357
w: qub.ac.uk/schools/NBE

FILM AND THEATRE MAKING

The BA in Film and Theatre Making combines the strengths of Queen's highly regarded Film and Drama departments, offering students a unique opportunity to study the intricacies of production practice in both film and theatre. Over the three years of the programme, students will learn the basics of directing and acting, along with technical and production elements for both stage and screen.

COURSE CONTENT

In each year, students will integrate practical learning with historical and theoretical modules that encourage them to take lessons from the history of theatre and film to create new, exciting and innovative work. A typical student pathway might include:

Stage 1

Compulsory

- Introduction to Film Practice
- Introduction to Film Studies 1
- Editing for Film and Television
- Writing about Theatre
- Introduction to Performing

Optional

- Introduction to Acting for Stage and Screen
- Production Practices

Stage 2

Compulsory

- Cinematography

Optional

- Experimental Practice
- Non-fiction Film Practice
- Cinema and Modernism
- Hollywood Cinema 1
- Introduction to Screenwriting
- British Cinema: Nation, Identity and Industry
- Documentary Film Studies
- Troubles Drama, 1961-1998
- Radio Drama
- Directing and Design for Stage
- Greek Tragedy In Performance
- Acting Shakespeare
- Musical Theatre

- Introduction to Arts Management
- American Theatre
- The Art of the Actor
- Devising Theatre

Stage 3

Optional

- Advanced Film Practice 1
- Advanced Film Practice 2
- Cinema and Postmodernism
- Drama & Mental Health
- Drama Health & Social Care
- Film and Music: Theory & Criticism
- Film Authorship
- Film and Animation
- Film and Sound Design
- Contemporary Performing Practices
- Work-based Learning (Placement)
- Performing the Classics
- The Theatre of Brian Friel
- Dance Theatre
- Drama, Health and Social Care
- Theory and Practice of Adaptation
- Post-conflict Drama: Performing the NI Peace Process
- Film Dissertation
- Drama Dissertation

WHY QUEEN'S?

Industry Links

This programme features close links to the Lyric Theatre Belfast, Film NI and the BBC.

World-Class Facilities

Students make use of Queen's state-of-the-art Film Studio, the QFT with two digital cinemas, the 120-seat Brian Friel Theatre (with full lighting and sound facilities) and studio rehearsal space.

BA Honours

Film and Theatre Making 3 yrs (WW65)

See also Drama, and Film Studies and Production

Entrance Requirements

A-level:

ABB

All applicants:

There are no specific subject requirements to study Film and Theatre Making.

For students whose first language is not English

An IELTS score of 6.5 with a minimum of 5.5 in each test component or an equivalent acceptable qualification, details of which are available at: go.qub.ac.uk/EnglishLanguageReqs

Internationally Renowned Experts

The programme features world-leading experts in Documentary Film, British Film and Drama, Irish Drama, Shakespeare, Dance, etc.

Student Experience

Extracurricular performance opportunities are offered by the Tyrone Guthrie Society and the student Drama Society, which have taken productions to student festivals in Ireland and the UK as well as to the Edinburgh Fringe Festival and to festivals in Belgium and Italy.

CAREERS/FURTHER STUDY

With its practical and professional components, study in Theatre and Film at Queen's provides an excellent background for work in film, television, on the stage, and in the creative industries. Our graduates have progressed to a range of entertainment and media-based careers.

Positions obtained by recent graduates of Film and Drama at Queen's include:

- Researcher at BBC NI
- Production Trainee at BBC
- Professional actors and directors for the stage
- On-set VFX Supervisor for HBO (Game of Thrones)
- Camera Department for HBO (Game of Thrones)
- Festival Director at Belfast Film Festival
- Editor at Fifty Fifty Productions, London

Other popular graduate career routes include education and training, arts administration, public relations, marketing and postgraduate study.

• Further Study

Further study, including Master's programmes, is also an option; see the School website for further information.

Queen's is unique among Russell Group institutions in offering a pathway in Film and Theatre Making, allowing the best and brightest students to focus on practical skills in both disciplines.



“Drama at Queen's takes pride in offering students a complete education in all aspects of theatre and drama, practical, theoretical, and historical. Students learn from World-Class staff in top-notch facilities in an atmosphere designed to foster intellectual inquiry and personal growth. We offer tutorials with professional theatre practitioners and links to most of the major theatres in Belfast.”

Dr Kurt Taroff
Lecturer in Drama

Entrance requirements

e: admissions@qub.ac.uk
t: +44 (0)28 9097 3838

Course information

Dr Kurt Taroff, Lecturer in Drama,
Director of Undergraduate Education
School of Arts, English and Languages

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w: qub.ac.uk/ael

FILM STUDIES AND PRODUCTION

The Film Studies and Production degree at Queen's balances critical thinking and filmmaking. Students will acquire advanced knowledge and skills in digital production, screenwriting, directing, cinematography and editing, as well as developing their understanding of film and moving image and broader film culture. Classes take place in the cinema of the Queen's Film Theatre, while practice classes are taught in our dedicated Film Studio with full broadcast-quality LED lighting and green screen. Students benefit from our cutting-edge digital production facilities including offline and online editing suites and use high-definition cameras, and lighting and grip kits for location work. Across the programme practice-based learning is framed by the study of film concepts, critical contexts, and current industrial practices. This approach encourages our students to become creative and critical practitioners with highly developed audio-visual literacy. All of these skills enhance the employability of our graduates within the media and creative industries sector.

COURSE CONTENT

The BA in Film Studies and Production is taught through an equal mix of hands-on film production modules and critical film studies modules, with increasing flexibility at Stages 2 and 3. The modules will typically include:

Year 1

Compulsory

- Introduction to Film Studies 1
- Introduction to Film Practice
- Editing for Film and Television
- Introduction to Film Studies 2

Optional

- Visual Studies: Theory and Practice

Stage 1 students also have the opportunity to take one or two approved modules in other subject areas.

Year 2

Compulsory

- Cinematography

Optional

- Documentary Film Studies
- Experimental Practice
- Hollywood Cinema 1
- World Cinemas

- Cinema and Modernism
- British Cinema: Nation, Identity and Industry
- Screen Industries in Europe
- Introduction to Arts Management
- Film Sound Design

Students may also be able to take some modules from the BA Broadcast Production programme.

Year 3

Compulsory

- Advanced Film Practice 1
- Advanced Film Practice 2

Optional

- Work Placement
- Dissertation
- Film and Music: Theory and Criticism
- Cinema and Postmodernism
- Film and Animation
- Contemporary Cinema
- Hollywood Cinema 2

Students may also be able to take some modules from the BA Broadcast Production programme.

BA Honours

Film Studies and Production 3 yrs (W600)

See also Film and Theatre Making

Entrance Requirements

A-level:

BBB

All applicants:

There are no specific subject requirements to study Film Studies and Production.

For students whose first language is not English

An IELTS score of 6.5 with a minimum of 5.5 in each test component or an equivalent acceptable qualification, details of which are available at: go.qub.ac.uk/EnglishLanguageReqs

WHY QUEEN'S?

Industry Links

Northern Ireland has one of the fastest growing creative industry sectors in the UK economy. Film production teaching is regularly carried out and supervised by tutors who are actively involved in the film and media industry, providing invaluable opportunities to learn first-hand from film and media professionals.

Film at Queen's has links with a range of independent and community-based film and media production companies (including Stirling Film and Television Productions, Double Band, Northern Visions, Green Inc.); as well as BBC (NI), UTV, the Belfast Film Festival, Film Devour Short Film Festival; Respect Human Rights Film Festival, and the Prison Memory Archive (PMA).

Global Opportunities

Students will have an opportunity to study at one of our Erasmus partner institutions.

World-Class Facilities

Our Film degrees use cutting-edge digital production facilities; we have both offline and online editing suites, with software such as Avid Media Composer, DaVinci Resolve, Nuke for VFX Compositing, Fusion and Pro Tools. Full high-definition cameras are available, as are substantial lighting and grip kits for location work. Practical classes are held in a dedicated Film Studio with full broadcast-quality LED lighting using electrically-controlled hoists and green screen.

Student Experience

We are an Authorised Avid Learning Partner for Pro Tools and Avid Media Composer, offering certified industry-approved training integrated into the degree.

Placement

Film at Queen's has built up extensive industry partnerships with local film production companies, which have been experiencing significant growth in recent years. Industry placement forms an important component of the Single Honours degree at Stage 3.

CAREERS/FURTHER STUDY

Film Studies and Production, with its practice and professional components, provides an excellent background for work in film, television and other media and creative industries. A degree in Film Studies and Production can lead to careers in education, training and arts administration as well as offering a wide range of career possibilities including postgraduate study.

Our graduates have gone into a diverse range of careers, including the following:

- Lauren McGuigan (Assistant Editor, Yellow Moon)
- Alastair Livesley (Sub-Editor at Virgin Media Presents)
- Stephanie Fitzsimons (Associate at PwC)
- Daniel McCabe (Sound Trainee, HBO)
- Niall McEvoy, (on set VFX supervisor, HBO, Game of Thrones)
- Grace Sweeney (Camera Department, HBO, Game of Thrones)
- Maria Murphy (Assistant Producer, Below the Radar)
- Aaron Bell (Online Assistant at 'Fifty Fifty Post')
- Chris McGeown (Content Delivery Operator at BBC)
- Michele Devlin, (Director of The Belfast Film Festival)
- Genevieve Ewing (Business Consultant at CSG The Global Talent Experts)

Further study at Master's and doctoral level is also an option; see the School website for further information on the MA in Film, and the Film PhD programmes (including practice-based research).

"Something I didn't expect when I came, was how involved and how passionate, how committed the lecturers were to what they taught and how supportive they were... you'd meet tutors in first year who you were still in contact with in third year."

John Emerson
BA in Film Studies



Queen's are 1st in the UK for course satisfaction for Film Production.

(Guardian University Guide 2019)

Entrance requirements

e: admissions@qub.ac.uk
t: +44 (0)28 9097 3838

Course information

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School of Arts, English and Languages

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FINANCE

Finance is about making and managing money. It can involve investing in the stock market, trading in currencies and derivatives, or making lending decisions in banks. Students who study the BSc Finance with a Year in Industry degree at Queen's will gain the skills and knowledge that are needed to succeed in the financial industry. A placement year with a financial institution is integrated into this degree. A dedicated placement team supports students through the application process, and helps them to find high quality opportunities.

COURSE CONTENT

Six modules are taken in each of Years 1, 2 and 4. In Year 3, students undertake a salaried placement in a financial environment for a minimum of nine months.

Stage 1

- Financial Reporting and Analysis
- Instruments, Markets and Institutions
- Mathematics for Finance
- Economy, Society and Public Policy 1
- Economy, Society and Public Policy 2
- Statistical Methods

Stage 2

- Behavioural Finance
- Introduction to Econometrics
- Investment Analysis
- Futures and Options
- Monetary Theory
- Excel and VBA

Stage 3

Placement (internship with a financial organisation)

Stage 4

- Corporate Finance
- Financial Econometrics and Data Science

Plus four modules from:

- Capital Markets
- Fixed Income Instruments
- Financial Bubbles and Crises
- Financial Engineering
- International Finance
- Python for Finance

WHY QUEEN'S?

Professional Recognition

The BSc Finance at Queen's has been accepted into the Chartered Financial Analysts (CFA) University Affiliation Program.

Placements

During the third year of the degree, students complete a 9 to 12 month placement within a financial institution. These placements are usually in Belfast, Dublin, or London, and can involve companies such as Goldman Sachs, Morgan Stanley, the Bank of England, FinTrU, First Derivatives or KPMG. The placement year gives students excellent experience and connections, and provides a competitive edge when seeking graduate employment.

World-Class Facilities

You will have access to Bloomberg terminals in the FinTrU Trading Room, giving students the skills, experience and knowledge necessary to prepare them for a career in the financial services sector.

Student Experience

Students can take part in the Queen's Student Managed Fund, which gives participants the opportunity to invest real money and manage the risk of their portfolios. Students rate the course very highly, giving satisfaction rates averaging 93% over the last five years in the National Student Survey.

Prizes and Awards

Top-performing students are regularly awarded prizes and scholarships from leading financial companies, eg Morgan Stanley, KPMG, Ulster Bank and Citi.

BSc Honours

Finance 4-yr SW (N300)

See also Economics, Business Economics and Accounting

Entrance Requirements

A-level:

ABB including Mathematics

For students whose first language is not English

An IELTS score of 6.5 with a minimum of 5.5 in each test component or an equivalent acceptable qualification, details of which are available at: go.qub.ac.uk/EnglishLanguageReqs

CAREERS/FURTHER STUDY

This programme closely reflects the real-world finance and investment environment and focuses on the applied skills that employers look for.

We regularly consult and develop links with a large number of employers including all the major finance employers in Northern Ireland, Republic of Ireland and Great Britain. We host annual employer liaison meetings for the course as well as annual finance careers fairs at which students can engage with a range of employers on a one-to-one basis.

Students are also offered exposure to experts from the London financial markets, who share their industry knowledge and advice.

Graduate Careers and Achievements

Our graduates find employment in investment banks, corporate banks, building societies, insurance houses, stockbrokers, investment banks, accountancy and actuarial firms, specialist financial and private equity companies as well as in the finance functions of more general companies.

Typical career destinations of graduates include:

- Financial Analysts (in bonds, equities and derivative products)
- Fund Managers
- Treasurers
- Financial Planners
- Wealth Managers
- Accountants
- Financial Economists
- Forecasters
- Corporate Lenders

Recent graduate employers have included: Allstate; Bank of Ireland; Citi Group; Delta Index; Energia; Ernst & Young; FinTRU; First Derivatives; Goldman Sachs; HSBC; Kerr Henderson; KPMG; Mercer Plc; Morgan Stanley; Nationwide Building Society; Nomura Bank; Oxford Economics; PIMCO; PwC; Setanta Asset Management.

Further Study

Students can choose from a wide range of Master's programmes as well as a comprehensive list of research topics; see the School website for further information.

Queen's Management School is committed to the continuous improvement and enhancement of all of its degree programmes. New modules may be developed and included to replace or enhance those which are mentioned in this brochure.

"I think it's great that Finance students have access to Bloomberg terminals from first year: it is a big advantage over other finance degrees. The placement year is also an invaluable opportunity to develop professional skills, work out your career path, and secure graduate job offers going into final year."

Kerri Cassidy, BSc Finance



QUEEN'S IS RANKED 8TH IN THE UK FOR ACCOUNTING AND FINANCE
(Complete University Guide 2020)

Entrance requirements

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Course information

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FOOD QUALITY, SAFETY AND NUTRITION

This degree programme is about gaining the knowledge and understanding of three key areas in relation to food production and consumption.

- **Food Quality** concerns the ‘fitness for purpose’ of our food in terms of appearance (eg colour and surface qualities, texture, flavour and odour) and how these can be improved.
- **Food Safety** considers the physical, microbiological and chemical aspects of our food, which may be harmful to human health, and how these can be minimised.
- **Nutrition** concerns the nutrient supply from foods necessary to support the human body in health and during ill health throughout all life stages.

These degrees emphasise the inter-relationship between these areas and their equal importance in food production.

COURSE CONTENT

The subjects studied on this course are wide ranging and include; food (biochemistry, chemistry, commodities, hygiene, marketing, microbiology, policy, processing, product development, psychology, quality and safety), fundamental and clinical nutrition, human physiology, diet and health as well as business innovation and entrepreneurship. Students must take the equivalent of three 40 CAT modules in each stage, including any compulsory modules.

Stage 1

- Chemistry and Composition of Foods
- Fundamentals of Nutrition and Food Policy
- The World of Microorganisms

Stage 2

- Food Commodities, Processing and Hygiene
- Food Choice, Diet and Health
- Principles of Food Quality

One option between:

- Work Placement
- Instrumental Food Analysis

Work Placement

- Food Quality, Safety and Nutrition students can complete an optional 16 week degree-related work placement

- Food Quality, Safety and Nutrition with Professional Studies students will complete a one year, degree related work placement

Stage 3

- Business Innovation and Entrepreneurship
- Clinical Nutrition
- Food Product Development
- Food Supply Chain Safety and Security
- Research Project (BSc students only)

Stage 4 (MSci students only)

- Research Project

WHY QUEEN'S?

Prizes and Awards

All students undertake the Level 3 Award in Food Safety Supervision for Manufacturing as part of the module Food Commodities, Processing and Hygiene.

Yakult provides prizes for the best overall final year student and the best Honours project in final year. Safe Food also provides a prize for the best essay in the final year module ‘Food Supply Chain Safety and Security’.

Professional Accreditation

The programme has undergone a professional accreditation process overseen by the Institute for Food Science and Technology (IFST). This provides quality assurance that the programme

BSc Honours

Food Quality, Safety and Nutrition 3 yrs (DB6K)

Food Quality, Safety and Nutrition with Professional Studies 4-yr SW (BDK6)

MSci Honours

Food Quality, Safety and Nutrition 4 yrs (DB64)

Food Quality, Safety and Nutrition with Professional Studies 5-yr SW (BD46)

See also Food Science and Food Security

Entrance Requirements

BSc

A-level:

BBB including Biology and Chemistry + GCSE Mathematics grade C/4

OR

BBB including Biology and either Home Economics or Nutrition and Food Science + GCSE Chemistry grade C/4 or GCSE Double Award Science grades CC/44 + GCSE Mathematics grade C/4

OR

BBB including Chemistry and either Home Economics or Nutrition and Food Science + GCSE Biology grade C/4 or GCSE Double Award Science grades CC/44 + GCSE Mathematics grade C/4

OR

ABB including Biology or Chemistry or Double Award Applied Science or Double Award Life and Health Sciences + GCSE Biology grade C/4 and Chemistry grade C/4 or GCSE Double Award Science grades CC/44 + GCSE Mathematics grade C/4.

BTEC Extended Diploma:

A relevant Food/Science BTEC Extended Diploma with 100 credits at Distinction and 80 credits at Merit + GCSE Biology grade C/4 and Chemistry grade C/4 or GCSE Double Award Science grades CC/44 + GCSE Mathematics grade C/4.

MSci

A-level:

AAB including Biology and Chemistry + GCSE Mathematics grade C/4

OR

AAB including Biology and either Home Economics or Nutrition and Food Science + GCSE Chemistry grade C/4 or GCSE Double Award Science grades CC/44 + GCSE Mathematics grade C/4

OR

AAB including Chemistry and either Home Economics or Nutrition and Food Science + GCSE Biology grade C/4 or GCSE Double Award Science grades CC/44 + GCSE Mathematics grade C/4

OR

AAA including Biology or Chemistry or Double Award Applied Science or Double Award Life and Health Sciences + GCSE Biology grade C/4 and Chemistry grade C/4 or GCSE Double Award Science grades CC/44 + GCSE Mathematics grade C/4.

BTEC Extended Diploma:

A relevant Food/Science BTEC Extended Diploma with 140 credits at Distinction and 40 credits at Merit + GCSE Biology grade C/4 and Chemistry grade C/4 or GCSE Double Award Science grades CC/44 + GCSE Mathematics grade C/4.

Note: MSci applicants will automatically be considered for admission to the BSc if they are not eligible for entry to the MSci, both at initial offermaking stage and when results are received.

Option to Transfer: transfers between BSc and MSci may be possible at the end of Stage 2.

For students whose first language is not English

An IELTS score of 6.5 with a minimum of 5.5 in each test component or an equivalent acceptable qualification, details of which are available at: go.qub.ac.uk/EnglishLanguageReqs

offers students ‘the best possible food-related education’.

Work placement

Work placements on these programmes provide students with the opportunity to utilise the practical skills gained during the teaching of their degree and apply these in a work environment.

For many students this is the most important aspect of the degree, enabling them to experience the types of jobs which are available on graduation and through the preparation of CVs, interviews, etc, ensuring they are well prepared for the job market.

Our past students have gained work placement with organisations such as: Pepsico, Sainsbury's, Marks & Spencer, The Food Standards Agency, Finnebrogue, Suki Tea, Dale Farm, Nestlé, Kerry group, Kraft Foods, Moy Park, Tayto, Hovis, Ulster Cancer Foundation, NI Chest, Heart & Stroke, hospital trusts and many more.

Flexibility

The unique flexible design of these degrees enables transfer to the MSci Food Quality, Safety & Nutrition degree up until the end of Stage 2 (provided students meet the necessary requirements).

CAREERS/FURTHER STUDY

Studying for a Food Quality, Safety and Nutrition with Professional Studies degree at Queen's will assist you in developing the core skills and employment-related experiences that are valued by employers, professional organisations and academic institutions.

Although the majority of our graduates are interested in pursuing careers in the food industry or health promotion, some develop careers in a wide range of other sectors. The following is a list of the major career sectors that have attracted our graduates in recent years:

- Food industry – graduate recruitment schemes
- Food industry – new product development
- Food industry – technical and production management roles
- Food industry – quality management
- Food Retailers – food technology, food security, marketing, buying, supply chain management and logistics
- Charities – health promotion
- Nutrition – assistant dietician in a hospital trust
- Teaching – home economics [PGCE needed]

- Consultancy – training and technical advice to food industry
- Research – industry research association
- Research – PhD studies

Employer Links

We regularly consult and develop links with a large number of employers including all those who provide work placement opportunities. These range from multinationals such as Moy Park and Sainsbury's to local companies such as Irwin's and Tayto.

Many companies provide support for the course and students through repeatedly offering 16 or 46-week work placements. A number of such placements lead to employment for the students when they graduate.

We find that students from this course have training and knowledge which make them best placed to help improve areas of our business and provide new ideas and thinking to help meet our future plans for the business.

Annie Rooney
Suki TEA (Northern Ireland)



Entrance requirements

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Course information

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Programme Director
School of Biological Sciences

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w: qub.ac.uk/bb

FOOD SCIENCE AND FOOD SECURITY

Globally we face huge and growing challenges to supply the world's population with adequate safe and nutritious food. Food scientists will play a crucial role in addressing global food insecurity.

This unique Food Science qualification combines BSc and Master's-level study and allows students to develop their subject to a high level, experiencing cutting-edge technologies involved in food research.

The subject is underpinned by a scientific understanding of food, such as its properties and composition, production and manufacture, testing and regulation, interaction with the human body, and the current and future challenges for its safety and supply.

COURSE CONTENT

The overall vision is to provide a dynamic learning environment committed to excellence in teaching and research, that contributes to national and global efforts, to provide the world's growing population with a sustainable, safe and secure supply of high-quality food.

In doing so Queen's seeks to prepare internationally-recognised graduates for leading roles in the production and supply of safe and nutritious food. Students must take the equivalent of three modules in each stage, including any compulsory modules. .

The modules are:

Stage 1

- Chemistry and Composition of Foods
- Fundamentals of Nutrition and Food Policy
- The World of Microorganisms

Stage 2

- Food Commodities, Processing and Hygiene
- Food Choice, Diet and Health
- Principles of Food Quality

Work Placement

All students will spend a minimum of 46 weeks in a work placement during which they will carry out some project type work. Students will begin preparations for the placement in the first semester of Stage 2 and the placement will be assessed within the module Professional Studies.

Stage 3

- Business Innovation and Entrepreneurship
- Global Issues in Agriculture
- Food Product Development
- Food Supply Chain Safety and Security
- Honours Project

Stage 4

- Agri Food Traceability and Fraud
- Food Safety Health and Disease
- Advanced Food Bioanalysis
- MSci Research Project

MSci Honours

Food Science and Food Security 4 yrs (D990)

Food Science and Food Security with

Professional Studies 5-yr SW (D991)

See also Food Safety, Quality and Nutrition

Entrance Requirements

A-level:

AAB including Biology and Chemistry + GCSE Mathematics grade C/4

OR

AAB including Biology and either Home Economics or Nutrition and Food Science + GCSE Chemistry grade C/4 or GCSE Double Award Science grades CC/44 + GCSE Mathematics grade C/4

OR

AAB including Chemistry and either Home Economics or Nutrition and Food Science + GCSE Biology grade C/4 or GCSE Double Award Science grades CC/44 + GCSE Mathematics grade C/4

OR

AAA including Biology or Chemistry or Double Award Applied Science or Double Award Life and Health Sciences + GCSE Biology grade C/4 and Chemistry grade C/4 or GCSE Double Award Science grades CC/44 + GCSE Mathematics grade C/4.

BTEC Extended Diploma:

A relevant Food/Science BTEC Extended Diploma with 140 credits at Distinction and 40 credits at Merit + GCSE Biology grade C/4 and Chemistry grade C/4 or GCSE Double Award Science grades CC/44 + GCSE Mathematics grade C/4.

Note: MSci applicants will automatically be considered for admission to the BSc Food Quality, Safety and Nutrition degree if they are not eligible for entry to the MSci, both at initial offermaking stage and when results are received.

Option to Transfer: transfers between BSc Food Quality, Safety and Nutrition and MSci may be possible at the end of Stage 2.

For students whose first language is not English

An IELTS score of 6.5 with a minimum of 5.5 in each test component or an equivalent acceptable qualification, details of which are available at: go.qub.ac.uk/EnglishLanguageReqs

WHY QUEEN'S?

Work Placement

Students taking MSci Food Science and Food Security with Professional Studies undertake a compulsory work-placement of at least 46 weeks between Stages 2 and 3 of their degree. This is a significant learning and employability enhancement opportunity.

Our past students have also gained work placement with organisations such as: Sainsbury's, Marks & Spencer, Kerry group, Kraft foods, Moy Park, Tayto, Ulster Cancer Foundation, hospital trusts and many more.

Experience

The degree also offers opportunities for additional laboratory training and experience, for example summer scholarships.

Flexibility

The unique flexible design of these degrees enables transfer to the BSc Food Quality, Safety and Nutrition degrees up until the end of Stage 2.

Convenience

This tailored degree is shorter than studying for BSc and Master's degrees separately, and students are able to finance their postgraduate-level studies within existing student finance arrangements.



The Institute for Global Food Security

This programme is linked to the Institute for Global Food Security at Queen's and students may complete their project work at the Institute. Known globally for their world-renowned research, the Institute was at the forefront of uncovering and understanding the horsemeat scandal in the UK.

CAREERS/FURTHER STUDY

Nationally and internationally there is a shortage of food science graduates with higher level research skills and technical expertise. These degrees are designed to produce graduates ideally suited to high-level careers in research, R&D, industry, education, and also for PhD study.

Although the majority of our graduates are interested in pursuing careers in the food industry or health promotion, some develop careers in a wide range of other sectors. The following is a list of the major career sectors that have attracted our graduates in recent years:

- Food industry – graduate recruitment schemes
- Food industry – new product development
- Food industry – technical areas
- Food industry – quality management
- Charities – health promotion

- Nutrition – assistant dietician in a hospital trust
- Teaching – home economics (PGCE needed)
- Research – industry research association
- Research – PhD studies

Employer Links

We regularly consult and develop links with a large number of employers including all those who provide work placement opportunities. These range from multinationals such as Moy Park and Sainsbury's to many local companies such as Irwin's and Tayto.

Queen's Food Science is ranked 6th in the UK (Times and Sunday Times Good University Guide 2020). This unique Food Science qualification combines BSc and Master's-level study and allows students to develop their subject to a high level, experiencing cutting-edge technologies involved in food research.



Entrance requirements

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Course information

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and qub.ac.uk/igfs

FRENCH STUDIES

French at Queen's reflects the dynamism and cultural diversity of the French-speaking world, focusing on the language, culture and society of metropolitan France, and opening up perspectives on a range of global cultures. French language, written and oral, is at the centre of the course. Students will also explore a variety of contemporary issues, historical periods and geographical areas through a range of media, including art, cinema, linguistics and literature. All students spend an academic year in a Francophone country.

COURSE CONTENT

Stage 1

Core Modules

- French Language 1
OR
- Intermediate French 1
OR
- Beginners' French 1

Optional Modules

- Introduction to French Studies 1
- Introduction to French Studies 2
- 5th module to be chosen from agreed list
- 6th module to be chosen from agreed list

Stage 2

Core Module

- French Language 2

Optional Modules

- Myth and Biography in Recent French Fiction
- French Noir
- Linguistic Variation in French
- Modern Autobiography
- Sociolinguistics
- Paris, City of Modernity

Year Abroad

- Working and Studying Abroad (French)
- International Placement: Languages Year Abroad (French)

Stage 3

Core Module

- French Studies 3

Optional Modules

- Modernism(s)
- Ambition and Desire: The Nineteenth Century French Novel

- Romance and Realism in Media Cultures
- Contemporary Francophone Chinese Fiction
- Caribbean Cultures
- The Structure of Modern French

WHY QUEEN'S?

Global Opportunities

Students taking a BA in French undertake an extended period of residence abroad (typically eight months), normally working as an assistant in a school or undertaking a paid work placement in a French-speaking country (options include France, but also, for example, Canada, Martinique and Réunion). Students can also elect to study at a French-speaking university. In addition to the benefits for oral competence, the residence provides a unique opportunity for immersion in French and Francophone culture. Moreover, the Year Abroad is a significant learning and employability enhancement opportunity. This feature of our degree programme gives students the opportunity for personal development, and further develops communication and language skills and intercultural awareness. The challenges of living abroad are a unique and unforgettable stage in your personal development.

World-Class Facilities

Queen's has an excellent library with an outstanding range of resources in French and Francophone cultures. The Language Centre has state-of-the-art facilities for language learning, and the IT provision more generally is excellent.

Internationally Renowned Experts

French at Queen's is taught by world-leading experts in nineteenth and twentieth-century French and Francophone culture, with particular expertise in visual culture, linguistics, popular culture, medical humanities and postcolonial writing.

BA Single Honours

French 4 yrs (R120)

BA Joint Honours

Anthropology and French 4 yrs (RL16)

English and French 4 yrs (QR31)

French and History 4 yrs (RV11)

French and International Relations 4 yrs (RLC2)

French and Irish 4 yrs (QR51)

French and Politics 4 yrs (RL12)

French and Portuguese 4 yrs (RR15)

French and Spanish 4 yrs (RR14)

French may also be studied as part of the following degrees:

Archaeology with French (BA Hons) 4 yrs (V4R1)

Accounting with French (BSc Hons) 4 yrs (N4R1)

Chemistry with French (MSci Hons) 5 yrs (FR11)

Common and Civil Law with French (LLB Hons) 4 yrs (M2R1)

Economics with French (BSc Hons) 4 yrs (L1R1)

International Business with French (BSc Hons) 4 yrs (N1R1)

Entrance Requirements

Post-A-level:

ABB including A-level French.

Note: for applicants who have not studied A-level French then AS-level French grade B would be acceptable in lieu of A-level French.

Beginners' level:

ABB + GCSE French grade B/6 or evidence of linguistic ability in another language.

Note: the Beginners' option is not available to those who have studied A-level or AS-level French.

All applicants:

If you plan to study French as a Joint Honours degree or as part of a BSc/ LLB/ MSci degree you should refer to the subject requirements for the other course.

For students whose first language is not English

An IELTS score of 6.5 with a minimum of 5.5 in each test component or an equivalent acceptable qualification, details of which are available at: go.qub.ac.uk/EnglishLanguageReqs

Research in Languages at Queen's was ranked 3rd in the UK in the most recent Research Assessment (Times Higher Education rankings based on REF 2014).

Student Experience

Students run a lively French Society and staff offer support through a personal tutoring system, skills development programme and a structured framework for feedback.

Prizes and Awards

There are a number of undergraduate prizes available to top-performing students on this pathway. In addition to Foundation Scholarships recognising outstanding achievement in Stage 1, we have a range of endowed prizes. The AN Troughton Award and The Samuel and Sarah Ferguson Travel Prize recognise academic achievement at Stages 1 and 2. The Chris Shorley Prize rewards the best performances in the Language exam in Stage 3, and the Richard Bales Prize is awarded to the student with the highest mark in an optional module in Stage 3. Students of both languages receive a certificate of distinction for first class performance in the Stage 3 oral.

CAREERS/FURTHER STUDY

Typical careers pursued by our graduates include business, media and communications, marketing, advertising, publishing, education/teaching, translation/interpreting, PR, journalism, tourism, Fast Stream Civil Service, and banking. Graduates are particularly in demand in careers requiring a high stage of communication and presentation skills, as well as strong critical and analytical thinking.

88 per cent of our graduates are in employment or further study within six months of graduation. Starting salaries are in the region of £21,800. They are employed in a range of organisations, from the BBC and UTV to the Civil Service, from the Irish News to the European Parliament, and including a very wide range of local, national and international companies.

Employer Links – Consultations

We regularly consult and develop links with a large number of employers including, for example, Santander and the British Council. Our past students have also gained work placement with organisations such as the British Council Assistantships Programme.

Placement Employers

Our past students have also gained work placements with organisations such as the British Council Assistantships Programme.

Further Study

Further study is also an option open to French graduates. Students can continue to our MRes programme, which will be tailored to a student's particular interests, and will involve a combination of guided study and independent research. It is a research preparation degree, allowing students to explore in depth a topic of their choice. It is an ideal preparation for PhD research. Other postgraduate programmes of possible interest for graduates of French include the MA in Arts Management and the MA in Translation.

"I passionately believe in education, culture and exchange. Higher education has a transformative impact on people and on society, and studying modern languages and cultures makes your world safer, richer and more exciting."

Dr Dominique Jeannerod, Lecturer in French



"I have thoroughly enjoyed my experience here at Queen's. I have found my course to be both stimulating and enjoyable and the facilities really are second to none. The standard of teaching is first class and the support available to students is excellent. I would definitely recommend Queen's to anyone."

Maoliosa McGarry, Stage 3 student

Modern Languages and Linguistics at Queen's were ranked 5th in the UK (Times Higher Education rankings based on REF 2014). French at Queen's is ranked 8th in UK (Times and Sunday Times Good University Guide 2019) and 19th in the Complete University Guide 2019.



7TH IN THE UK FOR FRENCH
Times and Sunday Times Good University Guide by Subject 2020

Entrance requirements

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Course information

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FRENCH AND SPANISH

The emphasis in the BA in French and Spanish is on linguistic proficiency and inter-cultural awareness; language and identity are central to the programme. You will be critically reflecting on a variety of contemporary issues, historical periods and geographical areas (France and Spain, but also for example Latin America and the Francophone Caribbean), explored through a range of media including art, cinema, linguistics and literature. The degree includes residency (average eight months) in a Francophone or a Spanish-speaking country.

COURSE CONTENT

Stage 1

In French, students must take TWO modules at Stage 1 – students must take the core and one optional which can be taken either semester. In Spanish, students must also take TWO modules at Stage 1 – students must take the core and one optional which can be taken either semester.

Core Modules

- French 1
- OR
- Intermediate French
- OR
- French for Beginners
- Spanish 1
- OR
- Intermediate Spanish
- OR
- Spanish for Beginners

Optional Modules

- Introduction to French Studies 1
- Introduction to French Studies 2
- Introduction to Iberian Studies
- Introduction to Latin American Studies

Stage 2

In French, students must take TWO modules at Stage 2 – students must take the core and one optional which can be taken either semester. In Spanish, students must also take TWO modules at Stage 2 – students must take the core and one optional which can be taken either semester.

Core Modules

- French 2
- Spanish 2

Optional Modules

- Myth and Biography in Recent French Fiction
- French Noir
- Linguistic Variation in French
- Modern Autobiography
- Issues and Cultures of the US-Mexico borderlands
- Afterlives: Rogues and Mystics of the Spanish Golden Age
- Spanish Memoirs and Autobiographies
- The Fantastic in Latin America
- Paris, City of Modernity

Year Abroad Modules

Either

- Working and Studying Abroad (French)
- International Placement: Languages Year Abroad (French)

OR

- Working and Studying Abroad (Spanish)
- International Placement: Languages Year Abroad (Spanish)

Stage 3

In French, students must take TWO modules at Stage 3 – students must take the core and one optional which can be taken either semester. In Spanish, students must also take TWO modules at Stage 3 – students must take the core and one optional which can be taken either semester.

Core Modules

- French 3
- Spanish 3

Optional Modules

- Modernism(s)
- Ambition and Desire: The Nineteenth Century French Novel
- Romance and Realism in Media Cultures
- Contemporary Francophone Chinese Fiction
- Caribbean Cultures

BA Joint Honours

French and Spanish 4 yrs (RR14)

See also French Studies

Entrance Requirements

Post A-level French:

ABB including A-level French.

Note: for applicants who have not studied A-level French then AS-level French grade B would be acceptable in lieu of A-level French.

Beginners Level French:

ABB + GCSE French grade B/6 or evidence of linguistic ability in another language.

Note: the Beginners' option is not available to those who have studied A-level or AS-level French.

Post A-level Spanish:

ABB including A-level Spanish.

Note: for applicants who have not studied A-level Spanish then AS-level Spanish grade B would be acceptable in lieu of A-level Spanish.

Beginners Spanish:

ABB + GCSE Spanish grade B/6 or evidence of linguistic ability in another language.

Note: the Beginners' option is not available to those who have studied A-level or AS-level Spanish.

For students whose first language is not English

An IELTS score of 6.5 with a minimum of 5.5 in each test component or an equivalent acceptable qualification, details of which are available at: go.qub.ac.uk/EnglishLanguageReqs

- The Structure of Modern French
- Rewriting Love in the Renaissance
- Identity, Sex and Sexuality in Post-Revolutionary Cuba
- Failed Romances of Latin American Literature in the 19th and 20th centuries
- The Spanish Enlightenment
- Gender and Society in Contemporary Mexican Cinema

WHY QUEEN'S?

Global Opportunities

Students taking a BA in French and Spanish have a very genuine opportunity to acquire professional experience in a global context. They undertake an extended period of residence abroad in a French- or Spanish-speaking country (typically eight months), normally working as an English language assistant in a school, or undertaking a paid work placement (destinations include France and Spain, but also for example Mexico, Canada and Martinique). Students can also elect to study at a French- or Spanish-speaking university. In addition to the benefits for oral competence, the residence provides a unique opportunity for immersion in one of the cultures of the languages studied. Moreover, the Year Abroad is a significant learning and employability enhancement opportunity.

Industry Links

Graduates of French and Spanish have risen to the top in a number of fields, including media, print journalism, translating, marketing, local government, Fast Stream Civil Service, and a very wide range of local, national and international companies.

World-Class Facilities

Queen's has an excellent library with an outstanding range of resources in French and Spanish cultures. The Language Centre has state-of-the-art facilities for language learning, and the IT provision more generally is excellent.

Student Experience

Students run lively French and Spanish Societies, and staff offer support through a personal tutoring system, skills development programme and a structured framework for feedback.

CAREERS/FURTHER STUDY

Typical careers pursued by our graduates include business, media and communications, marketing, translation, publishing, education/teaching, translation/interpreting, PR,

journalism, fast stream Civil Service, tourism and banking. Graduates are particularly in demand in careers requiring a high level of communication and presentation skills, as well as strong critical and analytical thinking.

88 per cent of our graduates are in employment or further study within six months of graduation. Starting salaries are in the region of £21,800. They are employed in a range of organisations, from the BBC and UTV to the Civil Service, from the Irish News to the European Parliament, and including a very wide range of local, national and international companies.

We regularly consult and develop links with a large number of employers including, for example, Santander and the British Council.

Our past students have also gained work placements with organisations such as the British Council Assistantships Programme and with Citibank.

Further Study

Further study is also an option open to graduates of French and Spanish. Students can continue to our MRes programme, which will be tailored to a student's particular interests, and will involve a combination of guided study and independent research. The MRes can lead on to a PhD programme – research specialisms of individual staff are available on the School website. Other postgraduate courses of possible interest for graduates of French and Spanish include the MA in Arts Management and the MA in Translation.

Modern Languages and Linguistics at Queen's were ranked 5th in the UK (Times Higher Education rankings based on REF 2014). French at Queen's is ranked 8th in UK (Times and Sunday Times Good University Guide 2019) and 17th in the Complete University Guide 2018. Iberian Languages at Queen's are ranked 9th in the UK (Times and Sunday Times Good University Guide 2019).



7TH IN THE UK FOR FRENCH
(Times and Sunday Times Good University Guide by Subject 2020)



“My experience of studying French and Spanish at Queen's has been incredible. The classes and year abroad experience have really helped me improve my languages, but what I have loved most about this course has been the opportunity to learn about so much more than just the languages themselves. It has given me a passion for studying culture, history and literature from France and Spain.”

Emily Rankin
Joint French and Spanish student

Entrance requirements

e: admissions@qub.ac.uk
t: +44 (0)28 9097 3838

Course information

Dr Maeve McCusker
Subject Lead, French School of Arts, English and Languages

e: m.mccusker@qub.ac.uk
t: +44 (0) 28 9097 3680
w qub.ac.uk/ael

GEOGRAPHY

Geography embraces the study of human societies and their environment, and is one of the few subjects in which the human and physical aspects of the environment are integrated. Our flexible degree programme enables students to gain an understanding of the major global, regional and local processes that shape our world and the challenges we will face in the future.

COURSE CONTENT

Our degrees provide fundamental skills and knowledge while allowing students to tailor their degree according to their interests and ambitions. There are three stages, outlined below.

Stage 1

Students must take four core modules within Geography, which normally comprises:

- Human Geography: Society, Power and Culture
- Physical Geography: Earth, Fire and Ice
- Human Geography: Society, Economy and Population
- Physical Geography: Earth, Wind and Water

Students must then take a further two modules (or a single double-weighted module) from outside Geography.

Students typically choose modules offered by Anthropology, Archaeology-Palaeoecology, Biological Sciences, Planning, and Politics.

Stage 2

Students must take three core modules, which normally comprises:

- Contemporary Approaches to Geographical Enquiry
- Geographical Research Skills
- Landscapes and Geographical Information (GIS)

Students must then take a further three modules. Typical options (which occasionally vary slightly from year to year) include:

- Cultural and Political Geography
- Geographies of Economic Restructuring and Social Change
- Geomorphology
- Global Environmental Change
- International Fieldwork (select between Belgium, Mallorca and Malta)
- Sustaining the Biosphere

Stage 3

- Students must take one (double-weighted) core module, selecting between:

- Geography at Work
- Geography Dissertation

Students must then take a further four modules. Typical options (which vary from year to year) include:

- Advanced Geographical Information Systems (GIS)
- Arctic Environmental Change
- Climate Change
- Coastal Environments
- Environmental Geopolitics
- Environmental Geoscience
- Geoforensics
- Geographies of Contested Territories
- Geographies of Ethnicity
- Geographies of Global Finance
- Geography of War and Public Memory
- Geography, Science and Society
- Maps and Mapping
- Sea Level Change: Past, Present, and Future
- Spaces of Urbanisation

Students may alternatively select three of the above optional modules and select up to one module from outside Geography.

BSc Single Honours

Geography 3 yrs (F800)

Geography with a Language 4 yrs (F8RX)

BSc Joint Honours

Archaeology-Palaeoecology and Geography 3 yrs (VF48)

Entrance Requirements

BSc Geography (Single and Joint Honours)

A-level:

ABB normally including A-level Geography + GCSE Mathematics grade C/4

BSc Geography with a Language

A-level:

ABB normally including A-level Geography + GCSE Mathematics grade C/4

For French option: A-level French grade B

For Spanish option: A-level Spanish grade B

For students whose first language is not English

An IELTS score of 6.5 with a minimum of 5.5 in each test component or an equivalent acceptable qualification, details of which are available at:

go.qub.ac.uk/EnglishLanguageReqs

WHY QUEEN'S?

There are many exciting opportunities to study abroad, with options to spend one semester or one academic year in Europe, USA, Canada or Australia.

Professional Accreditation

The BSc Geography degree is accredited by the Royal Geographical Society. This means the programme has been assessed in line with the QAA subject benchmark statement for geography.

CAREERS/FURTHER STUDY

Studying for a Geography degree at Queen's develops core skills and employment-related experiences that are valued by employers, professional organisations and academic institutions.

Some graduates pursue careers in geography-related areas such as urban and rural planning, environmental conservation and management, careers in GIScience and teaching. A significant number develop careers in a wide range of other sectors, e.g. management, marketing, NGOs, financial services, the civil service (especially land and property, environment, and development agencies), computing (especially using geographic data), and various graduate programmes.

We regularly consult and develop links with a large number of employers including the Northern Ireland Environment Agency, Ordnance Survey of Northern Ireland, the National Trust, Land and Property Services and the Geological Survey of NI (GSNI), who provide advice on our programmes and in-depth careers sessions on their work.

We have embedded a careers programme within our personal tutoring system. There will also be the opportunity to learn from employers on career opportunities, support in building your CV, and practice in applying and interviewing for graduate-level jobs.

Further Study

Further study is also an option open to Geography graduates, who can choose from a wide range of Master's programmes as well as a comprehensive list of PhD research topics; see the School website for further information.



Entrance requirements

e: admissions@qub.ac.uk
t: +44 (0)28 9097 3838

Course information

School of Natural and Built Environment

e: snbe@qub.ac.uk
t: +44 (0)28 9097 3350/3829
w: qub.ac.uk/schools/NBE

HISTORY

The undergraduate History programme at Queen's offers students a wide choice of modules. Courses span a long chronological period from Ancient History through to the Contemporary History of the late twentieth century. The School has specialists in ancient, medieval, early modern and modern history. The modules on offer to undergraduates also cover a wide geographical area that includes Ireland, England, Scotland, Europe, Africa, Asia and North America. Students can choose modules that focus on gender, social and cultural history, colonial history, politics, religious and economic change.

COURSE CONTENT

Year 1

Core modules

- History and Historians
- Exploring History 1
- History and Society
- Exploring History 2

Plus two modules from the optional modules on offer (one per semester)

Year 2

Students take six modules.

Examples include:

- Apocalypse! The End of the World
- Europe between the Wars
- The American South, 1619-1865

Year 3

Dissertation (compulsory)

Plus a choice of four modules.

Examples include:

- The Ancient City
- The Rise of Christianity
- Kings, Courts, and Cultures in Carolingian Europe
- The Peasants' Revolt, 1381
- Evangelical Protestantism in Ulster
- Thatcher's Britain
- Working-class Communities in the United Kingdom
- The Irish Revolution
- The Origins of Protestantism

Note: this is not an exclusive list and these options are subject to staff availability.

WHY QUEEN'S?

Global Opportunities

The History programme offers students opportunities to travel and study at universities in Europe and North America. Short-term (two weeks) and longer-term (up to one academic year) exchanges are on offer.

Examples include:

- Aarhus Universitet (Denmark)
- College of Charleston (South Carolina, USA)
- Institut d'Etudes Politiques de Bordeaux (France)
- University of Oslo (Norway)
- Universiteit Utrecht (Netherlands)
- Vanderbilt University (Nashville, Tennessee, USA)

Field trips are also offered in particular years or as part of certain modules.

World-Class Facilities

- The Senator George J Mitchell Institute for Global Peace, Security and Justice
- Institute of Cognition and Culture
- Institute of Irish Studies
- Two International Summer Schools (Irish Studies Summer School; and Conflict Transformation and Social Justice Summer School)

Top Ranking

History at Queen's is ranked in the top 200 in the world (QS World Rankings by Subject 2019).

BA Single Honours

History 3 yrs (V140)

BA Joint Honours

Anthropology and History 3 yrs (VL16)

Archaeology and History 3 yrs (VV41)

English and History 3 yrs (QV31)

French and History 4 yrs (RV11)

History and International Relations 3 yrs (LV21)

History and Irish 3 yrs (QV51)

History and Philosophy 3 yrs (VV1M)

History and Politics 3 yrs (VL12)

History and Sociology 3 yrs (VL13)

History and Spanish 4 yrs (RV41)

Entrance Requirements

A-level:

ABB for Single Honours and Joint Honours with Anthropology, English, French, International Relations, Irish, Philosophy, Politics and Spanish. BBB for other options.

All applicants:

There are no specific subject requirements to study History, however, if you plan to study History as a Joint Honours degree you should refer to the subject requirements for the other course.

For students whose first language is not English

An IELTS score of 6.5 with a minimum of 5.5 in each test component or an equivalent acceptable qualification, details of which are available at: go.qub.ac.uk/EnglishLanguageReqs



CAREERS/FURTHER STUDY

Close Links with Employers

Graduates from the History degree at Queen's are well regarded by many employers (local, national and international) and over half of all graduate jobs are now open to graduates of any discipline, including History.

Although many of our graduates are interested in pursuing careers in teaching, significant numbers develop careers in a wide range of other sectors. The following is a list of the major career sectors that have attracted our graduates in recent years:

- Accountancy
- Fast-stream Civil Service
- Management consultancy
- Museums, archives and libraries
- Performing arts
- Public relations
- Publishing and media
- Teaching
- Voluntary sector/charities

A survey of graduates six months after graduation reveals that Queen's graduates from History have recently gone into a range of careers, including: Recruitment Consultant; Trainee Accountant; Army Officer Cadet; Insurance Advisor; Management Trainee; Political Researcher; Fraud Officer; Business Development Officer; Business Associate; Auditor; Technology Consulting Associate; Arts Development Manager; Legal Assistant; Trainee Teacher; Rugby Coach; and Project Support Analyst.

Further Study

Many others went on to further study, not only in History MAs, but also MSc Management, PGCE History, PGCE Primary, and MA International Relations.

Further study is also an option; information on Master's programmes and research topics is available from the School website.

"After graduating with an Undergraduate and Master's degree in History at Queen's University Belfast, I began my first professional career at PricewaterhouseCoopers as a graduate associate specialising in Financial Crime. The transferable skills of my History degree have enhanced my skills in subject analysis, document review and the ability to identify complex trends and patterns within society, which has been an extremely important asset to me as an analyst."

Nicola McFall
BA and MA History Graduate

Expert History staff offer students a variety of exciting modules with a wide chronological and geographical focus that ensure the development of transferable skills. The History programme also allows students opportunities to engage with industry partners, to carry out public-facing or industry-related work, and to study and travel abroad.

Entrance requirements
e: admissions@qub.ac.uk
t: +44 (0)28 9097 3838

Course information
School of History, Anthropology, Philosophy and Politics

e: happ@qub.ac.uk
t: +44 (0)28 9097 5028
w: qub.ac.uk/happ

HISTORY AND INTERNATIONAL RELATIONS

The Joint Honours Programme in History and International Relations provides students with an intellectual training in disciplines that are complementary and mutually enriching. The programme enables students to appreciate how historical events shape modern issues and how such themes are to be understood and explained through insights into political analysis (e.g. political theory, political institutions, international relations). It offers students the opportunity to analyse country-based developments across the globe and pays specific attention to the histories and politics of Africa, Europe and America.

COURSE CONTENT

The Joint Honours History and International Relations degree comprises compulsory modules together with optional modules. Students will choose three modules from each subject totalling six modules for the year. The modules may include:

HISTORY

Year 1

Modules at Level 1 offer a systematic introduction to the discipline of History, partly by sampling some of the many different approaches that historians take in studying the past, and partly by an exploration of some of the major questions of theory and method with which they are concerned.

Year 2

Modules at Level 2 are generally survey modules seeking to convey a sense of the principal events, trends and developments in a particular country or region over a fairly long time span.

Examples include:

- Apocalypse! The End of the World
- Politics and Society in 20th-Century Ireland
- The American South 1865–1980
- The Expansion of Medieval Europe 1000–1300

Year 3

Taught modules at Level 3 are more specialised, offering the opportunity to study a short period or a particular theme or problem in detail, working from documents as well as secondary sources.

Examples include:

- The Second World War in Europe
- The Peasants' Revolt 1381
- Working-class Communities in the UK
- The Soviet Union, 1921 – 1991
- The Ancient City

In addition, Joint Honours students at Level 3 may choose to complete a double module dissertation based on an individually assigned research topic chosen in consultation with a supervisor.

Some modules, especially surveys, use lectures and tutorials; others are taught through seminars, in which students are expected to come prepared to fully engage in and sometimes lead group discussions. There is also increasing use of web-based learning.

INTERNATIONAL RELATIONS

Year 1

Students are introduced to the study of politics, political ideology, comparative politics, the state-of-world politics, international history and contemporary Europe.

Year 2

In their second year, students focus on the political, economic and social transformations of the 20th century and beyond, and will be able to advance their conceptual understanding of the field of international relations and conflict by studying modules such as:

BA Joint Honours

History and International Relations 3 yrs (LV21)

See also History

Entrance Requirements

A-level:

ABB

All applicants:

There are no specific subject requirements to study History and International Relations.

For students whose first language is not English

An IELTS score of 6.5 with a minimum of 5.5 in each test component or an equivalent acceptable qualification, details of which are available at: go.qub.ac.uk/EnglishLanguageReqs



- American Politics
- Deeply Divided Societies
- International Organisations
- International Relations
- Politics and Policies of the EU
- Security and Terrorism

Year 3

In the final year, students can select more specific areas and specialist-based modules on, for example, the Middle East, US foreign policy, migration, the Far Right, political extremism, politics of the global economy, and modules on identity politics, international ethics, war and visual culture, conflict and conflict resolution.

Dissertation

In their final year, students can opt to write a dissertation based on a research topic of their choice and under one-to-one supervision by an academic with specialist knowledge in the chosen field.

Note that this is not an exclusive list and these options are subject to staff availability.

WHY QUEEN'S?

Alumni

Various serving politicians have studied in the School, including Ian Paisley Jr (MP), Green Party leader, Stephen Agnew, and ministers in the Northern Ireland Executive.

Global Opportunities

All students within this degree programme will have the possibility of opting to study for a semester abroad at an English-speaking university in mainland Europe. There is also a possibility for some to spend an additional year in the United States under the Study USA programme.

Industry Links

We regularly consult and develop links with a large number of employers, including NI government departments and the North/South Ministerial Council, who provide sponsorship for our internships.

Top Ranking

History at Queen's is ranked in the top 200 in the world (QS World Rankings by Subject 2019).

Student Experience

Our uniquely supportive pastoral care/personal tutor system is equalled only by the academic guidance available. Our vibrant Politics Society (Polysoc) and History provides a welcome and stimulating environment for new students.

CAREERS/FURTHER STUDY

Skills to Enhance Employability

Graduates from this degree at Queen's are well regarded by local, national and international employers and over half of all graduate jobs are now open to graduates of any discipline, including History and International Relations.

Close Links with Employers

The School offers a range of employment placements where students can gain real-world work experience which is invaluable in terms of employment after graduation.

Further Study

Further study is also an option; information on Master's programmes and research topics is available from the School website.

Entrance requirements

e: admissions@qub.ac.uk
t: +44 (0)28 9097 3838

Course information

School of History, Anthropology, Philosophy and Politics

e: happ@qub.ac.uk
t: +44 (0)28 9097 5028
w: qub.ac.uk/happ

HISTORY AND POLITICS

This programme provides students with an intellectual training in the mutually enriching disciplines of History and Politics. A key premise of the programme is that understanding the present and anticipating the future requires the ability to study and interpret the past and to appreciate how the insights of political theory and the tools of historical inquiry combine to illuminate political developments, including those in the contemporary world.

COURSE CONTENT

The Joint Honours History and Politics degree comprises compulsory modules together with optional modules. Students will choose three modules from each subject totalling six modules for the year. The modules may include:

HISTORY

Year 1

Modules at Level 1 offer a systematic introduction to the discipline of History, partly by sampling some of the many different approaches that historians take in studying the past, and partly by an exploration of some of the major questions of theory and method with which they are concerned.

Year 2

Modules at Level 2 are generally survey modules seeking to convey a sense of the principal events, trends and developments in a particular country or region over a fairly long time span.

Examples include:

- Alexander the Great
- Europe Between the Wars
- Nineteenth-Century Ireland
- The American South, 1619-1865

Year 3

Taught modules at Level 3 are more specialised, offering the opportunity to study a short period or a particular theme or problem in detail, working from documents as well as secondary sources.

Examples include:

- The Rise of Christianity
- The Peasants' Revolt 1381
- Presbyterians in Ulster, 1690-1840
- The Irish Revolution
- Thatcher's Britain

In addition, Joint Honours students at Level 3 complete a double module dissertation based on an individually assigned research topic chosen in consultation with a supervisor.

POLITICS

Year 1 modules

- Comparative Politics
- Contemporary Europe
- Issues in Contemporary Politics
- Perspectives on Politics
- World Politics: Conflict and Peace

Year 2 modules

In their second year, students focus on the political, economic and social transformations of the 20th century and beyond, and will be able to advance their conceptual understanding of the field of international relations and conflict by studying modules such as:

- American Politics
- British Politics in Crisis?
- Deeply Divided Societies
- Politics and Policies of the EU
- Security and Technology

Year 3

In the final year, students can select more specific areas and specialist-based modules on, for example, the Middle East, US Foreign Policy, Migration, the Far Right, Political Extremism, Politics of the Global Economy, and modules on Identity Politics, International Ethics, War and Visual Culture, Conflict and Conflict Resolution.

Note: this is not an exclusive list and these options are subject to staff availability.

BA Joint Honours

History and Politics 3 yrs (VL12)

See also Anthropology and History, History, History and International Relations, International Relations and Conflict Studies, Politics, Philosophy and Economics (PPE)

Entrance Requirements

A-level:

ABB

All applicants:

There are no specific subject requirements to study History and Politics.

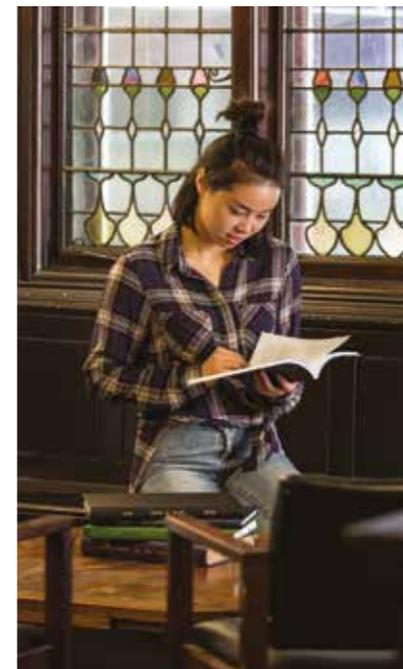
For students whose first language is not English

An IELTS score of 6.5 with a minimum of 5.5 in each test component or an equivalent acceptable qualification, details of which are available at: go.qub.ac.uk/EnglishLanguageReqs



"I loved studying History and Politics and was extremely fortunate and privileged to have some incredible moments as a Queen's student outside of my academic studies too. My degree assisted me greatly and since leaving Queen's, I have been privileged to live and work in Korea, England and now the US."

Stewart Cherry
BA History and Politics Graduate



WHY QUEEN'S?

Global Opportunities

Study Abroad: students have study opportunities in other European universities through our Erasmus programme, and also in the USA and Canada.

Industry Links

Internships have been developed to allow students the opportunity to carry out work experience in history-related fields. Students in their final year have an opportunity to go on a placement with a local organisation to gain direct experience of policy-making and political decision-making.

Top Ranking

Both History and Politics at Queen's have been placed in the QS World University Rankings top 200 departments in the world for these subjects in 2019.

Student Experience

Our uniquely supportive pastoral care/personal tutor system is equalled only by the academic guidance available. Our vibrant Politics Society (Polysoc) and History Society provide a welcome and stimulating environment for new students.

Entrance requirements

e: admissions@qub.ac.uk
t: +44 (0)28 9097 3838

Course information

School of History, Anthropology, Philosophy and Politics

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t: +44 (0)28 9097 5028
w: qub.ac.uk/happ

CAREERS/FURTHER STUDY

Skills to Enhance Employability

Studying for a degree in History and Politics at Queen's will assist you in developing the core skills and employment-related experiences that are valued by employers, professional organisations and academic institutions. Graduates from this degree at Queen's are well regarded by employers and over half of all graduate jobs are now open to graduates of any discipline, including History and Politics.

Close Links with Employers

The School offers a range of employment placements where students can gain real-world work experience which is invaluable in terms of employment after graduation. Given that Belfast is a regional capital with devolved powers, we can offer students placements in the high profile political and related institutions on our doorstep – for example in the Department of Justice, Equality Commission, Police Ombudsman's Office, or BBC Northern Ireland.

Further Study

For those wishing to pursue further study after their first degree, the School provides a range of MA programmes, each of which can be taken either full-time (one year) or part-time (two years).

There are also opportunities to do an MPhil or PhD by thesis; see the School website for information.

HUMAN BIOLOGY

Human Biology is the integrated study of human anatomy and physiology, including the study of the body in health and disease. It covers a wide range of topics, ranging from genetics, microbiology and immunology to the core disciplines of anatomy, microanatomy and physiology.

The degree is designed to allow a greater degree of flexibility in the choice of modules, in comparison to the closely related degree in Biomedical Sciences. Specialist subject areas which can be studied in detail include Pharmacology, Topographical Anatomy, Exercise and Applied Physiology, Developmental Studies, Embryology and Neuroscience. Within these subject areas we provide a wide and innovative range of learning experiences, such as the use of ultrasound imaging in cardiovascular physiology and exposure to cadaveric dissection.

COURSE CONTENT

The Human Biology degree at Queen's is underpinned by the core disciplines of Anatomy, Microanatomy and Physiology (the study of the function of the human body). In addition, it provides a solid foundation in Mammalian Biochemistry, Genetics, Molecular Biology, and Microbiology.

The modules are:

Stage 1

- Molecular Basis of Life
- The World of Microorganisms
- Human Structure and Function

Stage 2

- Students must take the following three compulsory modules:
- Research Methods and Statistics
- Physiological Sciences
- Anatomical Sciences

And a choice of one from:

- Human Evolution
- Molecular Cell Biology
- Human Physiological Measurement

Stage 3

- Students must take the following compulsory module:
- Research Project

And a choice of two from:

- Cardiovascular Pathobiology and Treatment
- Advanced Neurosciences
- Embryology and Developmental Biology
- Pharmacology and Therapeutics
- Sports and Exercise Physiology

WHY QUEEN'S?

Global Opportunities

The School has links with two universities in the USA – the University of Nevada in Reno and the University of Vermont, where several students have the opportunity to complete a one-year work placement programme.

Prizes and Awards

Up to 12 prizes are available as an added incentive to our students from 1st to 3rd year, awarded for top performances in individual modules and overall degree performances. This includes prizes awarded from the professional bodies (Physiological Society, Pharmacological Society).

World-Class Facilities

Our Centre's teaching facilities have benefited from investment of over £2 million in recent years. This includes a fully equipped modern anatomy teaching unit with dissection facilities, as well as state-of-the-art physiology teaching facilities, offering at undergraduate level cardiopulmonary exercise testing and ultrasound.

BSc Honours

Human Biology 3 yrs (B100)

See also Biomedical Science

Entrance Requirements

Biochemistry

A-level:

AB (in any order in Biology/Human Biology and Chemistry) B + GCSE Mathematics grade C/4

OR

A (Biology/Human Biology or Chemistry) AB including a second science subject (see list below) + GCSE Biology grade C/4 and Chemistry grade C/4 or GCSE Double Award Science grades CC/44 + GCSE Mathematics grade C/4.

Acceptable second Science subjects:

Computer Science, ICT, Environmental Science, Environmental Technology, Geography, Geology, Home Economics, Mathematics, Nutrition & Food Science, Physics, Physical Education, Psychology, Technology & Design. Other subjects considered on an individual basis.

For students whose first language is not English

An IELTS score of 6.5 with a minimum of 5.5 in each test component or an equivalent acceptable qualification, details of which are available at: go.qub.ac.uk/EnglishLanguageReqs

CAREERS/FURTHER STUDY

This degree programme is aimed at students seeking a broad-based knowledge of Human Biology with career opportunities in the medical and pharmaceutical industries, teaching, scientific publishing or the scientific civil service. Many students go into further study after their degree, completing Master's and PhDs and a significant proportion of graduates gain entry to a Medical degree both here and abroad.

Graduate Careers

Recent and frequent employment opportunities have been taken by our graduates in Life Science/Pharmaceutical/Biotechnology industries in a wide range of roles, including Laboratory Technician, Scientific Officer, Sales and Marketing, and Clinical Trials Supervision, in leading local, national and international industries, including Norbrook, Almac and Galen.

Employment Links

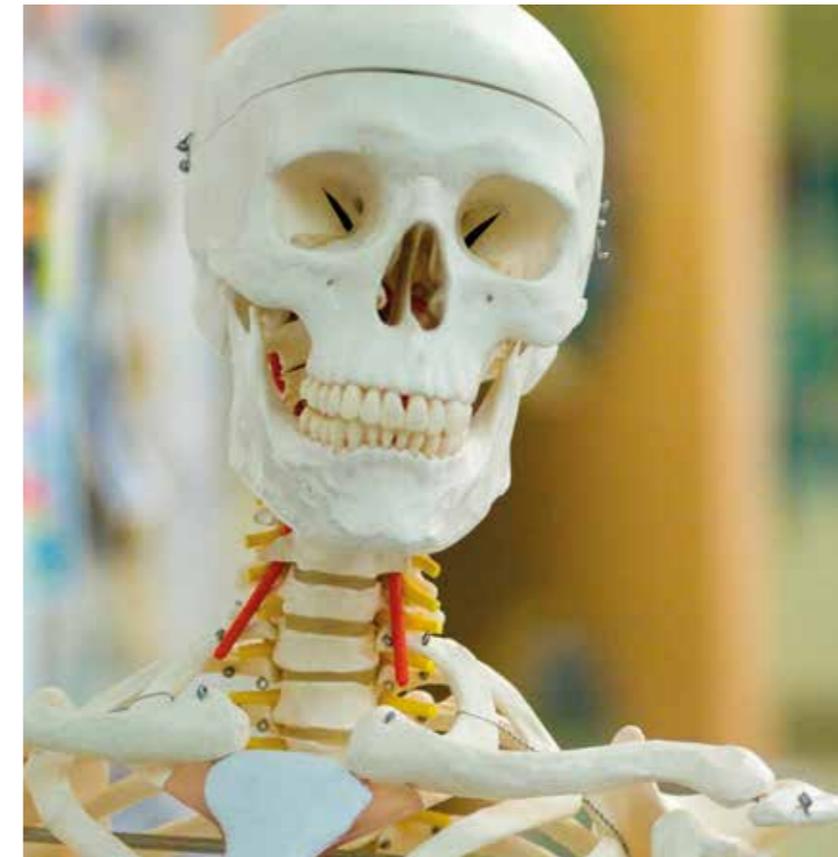
A limited number of summer internships are currently available with Randox Laboratories, appointed via competitive application. Further Study Many of our students go on to further study, predominantly within Queen's or in other universities in the UK or abroad.

Further Study

Many of our students go on to further study, predominantly within Queen's or in other universities in the UK or abroad.

Graduates have gone into areas such as Medicine, Dentistry, Computational Biology, Teaching, and PhDs in various research areas.

Queen's has a human dissection lab which gives students the opportunity to gain valuable experience and understanding of human anatomy to support their learning. Exposure to cadaveric dissection provides students with practical and innovative learning experiences.



"I thoroughly enjoyed my Human Biology course. With the range of modules available, I was given the opportunity to tailor my degree, giving me the good foundation and knowledge to benefit me most for my chosen career. I found this kept me engaged, challenged and allowed me to learn about topics that interested me. As a mature student, I found the support network within Queen's exemplary which allowed me to meet my full potential."

Kathryn Owen
BSc (Hons) Human Biology Graduate 2018

Entrance requirements

e: admissions@qub.ac.uk
t: +44 (0)28 9097 3838

Course information

Dr Stephen McCullough
Programme Director
School of Medicine, Dentistry and
Biomedical Sciences

e: biomedsci@qub.ac.uk
t: +44 (0)28 9097 2677
w: qub.ac.uk/mdbs

INTERNATIONAL BUSINESS WITH A LANGUAGE

This degree seeks to develop graduates with a global mind-set that have the necessary business and cultural skills to work in a global marketplace. All organisations are now operating in a competitive global arena, seeking to expand and develop beyond their national borders. Success in foreign markets requires knowledge of how to adapt to local cultures, languages and customers as well as an understanding of fundamental business theories and practices. Global leaders ultimately cultivate cultural intelligence by travelling to and working in different cultures, developing and applying both their business and language skills. The International Business with a Language degree at Queen's Management School provides a platform for developing the required knowledge and skills to pursue a career in our globally connected business world.

COURSE CONTENT

This four-year BSc Honours degree in International Business with a Language is delivered by Queen's Management School (Major) and the School of Arts, English and Languages (Minor).

Currently five language options are offered:

- French (Intermediate and Advanced)
- German (Beginners, Intermediate and Advanced)
- Mandarin Chinese (Beginners)
- Portuguese (Beginners)
- Spanish (Beginners, Intermediate and Advanced)

What is it all about?

The four years of the degree are outlined below.

Year 1 – Providing a Platform

- The first year covers the fundamentals of business in a global environment. Modules in Global Business Environment, Marketing, Economics, Accounting and Organisational Behaviour provide a platform for developing knowledge across a variety of international business functions.
- You will also develop your language skills with a focus on professional language skills, improving grammar and increasing your understanding of broader cultural issues.
- You can undertake summer internships and international study tours in your first year.

Year 2 – Specialisation and Preparation

- The second year provides you with the option to specialise in areas of interest. You can choose from Leadership & Change, Data & Statistics, Operations Management, HRM and Digital Enterprise, while also covering International Business and Cross Cultural Management.
- Your language abilities are further developed with a focus on developing skills necessary for working abroad, linguistically, professionally and personally.

Year 3 – International Placement – Developing Cultural Intelligence

- You will undertake a compulsory international work placement in a country which speaks your chosen language.
- The aim is for you to develop your professional, cultural and language skills while working in a dynamic international organisation.

Year 4 – Enhancing your Global Mind-set

- You will undertake compulsory modules in Global Strategy as well as Consultancy or Business Start-up. Other options include Innovation, Consumer Behaviour and more.
- An applied focus is incorporated through company tours, live case studies with guest lecturers from industry and a variety of assessment and learning approaches. You will have tailored business language classes and continue to refine grammatical and oral skills.

BSc Honours

International Business with French 4 yrs (N1R1)

International Business with German 4 yrs (N2R2)

International Business with Mandarin Chinese 4 yrs (N1R9)

International Business with Portuguese 4 yrs (N2R5)

International Business with Spanish 4 yrs (N1R4)

Entrance Requirements

A-level:

ABB + GCSE Mathematics grade B/6

- **For French option:** normally A-level French grade B or AS-level French grade B or GCSE French grade B/6 or evidence of linguistic ability in another language
- **For German option:** normally A-level German grade B or AS-level German grade B or GCSE German grade B/6 or evidence of linguistic ability in another language
- **For Mandarin option:** evidence of linguistic ability
- **For Portuguese option:** normally A-level Portuguese grade B or AS-level Portuguese grade B or GCSE Portuguese grade B/6 or evidence of linguistic ability in another language
- **For Spanish option:** normally A-level Spanish grade B or AS-level Spanish grade B or GCSE Spanish grade B/6 or evidence of linguistic ability in another language

Note: if the language is studied at a higher level then the grade required at that level must be achieved.

For students whose first language is not English

An IELTS score of 6.5 with a minimum of 5.5 in each test component or an equivalent acceptable qualification, details of which are available at: go.qub.ac.uk/EnglishLanguageReqs

International Placement – Where in the world

On this program, you will have the unique opportunity to undertake a compulsory international work placement. This placement is undertaken in a country which predominantly speaks your chosen language. This is an integral part of the degree, providing students with the fluency and confidence to communicate and work effectively in an international business environment. You may also have the opportunity to supplement this work placement with a period of study abroad.

Students must complete a minimum of at least 9 months on placement abroad, or 6 months on placement abroad and 3 months study abroad in a university, in a country which speaks your chosen language. You will be required to work for a minimum of 9 months in a salaried position(s), and have an option to do this across multiple placements. You will work in a business related role which may span multiple industries, organisations and functions. Students have worked in a broad variety of business roles across Marketing, HRM, Supply Chain, Operations and Strategy functions.

Current and past placement companies include PwC in Madrid, KPMG in France, Inbani in Alicante and Degusto in Barcelona, Ernst & Young (EY) in Luxembourg, L'Oréal in Paris and Architrave in Berlin, Hugo Boss in Germany.

Graduates from this course have gone on to work for Google, Louis Vuitton-Moët Hennessy in New York, L'Oréal in London, Amazon in Madrid, HBO in New York, Swiss Airlines in Switzerland, PwC, KPMG, EY, Citi and Coca-Cola. and many more well recognised international organisations.



CAREERS/FURTHER STUDY

The first cohort of graduates from this programme completed their studies in July 2012 and have secured a range of positions in local, national, regional and multinational organisations. Students that have completed this course have developed careers in areas such as global marketing, corporate finance, consulting, global brand management and risk investment in companies such as:

Google, Louis Vuitton-Moët Hennessy in New York, L'Oréal in London, Amazon in Madrid, HBO in Arizona, Swiss Airlines in Switzerland, HBO in New York, PwC, KPMG, EY, Citi and Coca-Cola.

This course also provides an ideal foundation for graduates to progress on to Master's degree courses in variety of interdisciplinary subject areas, with some of our graduates progressing to undertake PhDs and become Professors.

Career options are extremely varied and the employment opportunities for our International Business with a Language graduates remain strong.

“Studying International Business with French has been one of my best decisions so far. During my placement year, I was working in Luxembourg for EY and I had the opportunity to put my theoretical knowledge into practice and strengthen my business acumen - all done in a foreign language. It was a life-changing experience that opened global opportunities.”

Ema-lordache Platis
BSc International Business with French Graduate 2019.
Currently Business Development Associate

Entrance requirements

e: admissions@qub.ac.uk
t: +44 (0)28 9097 3838

Course information

Dr Kieran Conroy
Programme Director
Queen's Management School

e: k.conroy@qub.ac.uk
t: +44 (0)28 9097 5458
w: qub.ac.uk/mgt

INTERNATIONAL RELATIONS AND CONFLICT STUDIES

The Joint Honours Programme in International Relations and Conflict Studies provides students with an in-depth, interdisciplinary understanding of contemporary politics, international affairs and conflict situations in their political, historical, cultural, economic and legal dimensions. Dedicated modules introduce students to core concepts and debates in International Relations and the study of conflict, as well as to the particular European experience of regional integration. Students will acquire familiarity with the experiences of differing national politics and societies, facilitating the development of culturally sensitive cross-national comparisons.

COURSE CONTENT

Year 1

Students are introduced to the study of politics, political ideology, comparative politics, the state of world politics, international history and contemporary Europe.

Year 2

In their second year, students focus on the political, economic and social transformations of the 20th century and beyond, and will be able to advance their conceptual understanding of the field of international relations and conflict by studying modules such as:

- International Relations
- Security and Terrorism
- Deeply Divided Societies
- Politics and Policies of the EU
- International Organisations

Year 3

In the final year, students can select more specific areas and specialist-based modules on, for example, the Middle East, US Foreign Policy, migration, the Far Right, Political Extremism, Politics of the Global Economy, and modules on Identity Politics, International Ethics, War and Visual Culture, Conflict and Conflict Resolution.

Dissertations: in their final year, students can write a dissertation based on a research topic of their choice and under one-to-

one supervision by an academic with specialist knowledge in the chosen field.

Note: this is not an exclusive list and these options are subject to staff availability.

WHY QUEEN'S?

Internationally Renowned Experts

- Professor Beverley Milton-Edwards has advised various governments in her role as an expert on the Middle East, and is currently a Visiting Fellow at the Brookings Institution.
- Professor David Phinnemore is an expert on EU Treaty reform and EU enlargement, which led to his secondment as an advisor to the UK's Foreign and Commonwealth Office.
- Professor John Garry is an internationally recognised expert in the areas of citizens' political attitudes and voting behaviour. His research has informed governments both in Belfast and Dublin on offering ordinary citizens the chance to have greater input on policymaking.

Student Experience

Our vibrant Politics Society (Polysoc) provides a welcome and stimulating environment for new students.

Diversity of Students

We have students from around the UK, Ireland, Europe and the wider world, ensuring a rich mix of students with different experiences and backgrounds.

BA Single Honours

International Relations and Conflict Studies 3 yrs (L253)

BA Joint Honours

French and International Relations 4 yrs (RLC2)

History and International Relations 3 yrs (LV21)

International Relations and Irish 3 yrs (LQF5)

International Relations and Politics 3 yrs (L290)

International Relations and Spanish 4 yrs (LRF4)

Note: for Joint Honours options the title of this degree is 'International Relations'

Entrance Requirements

A-level:

ABB

All applicants:

There are no specific subject requirements to study International Relations and Conflict Studies, however, if you plan to study International Studies as a Joint Honours degree you should refer to the subject requirements for the other course.

For students whose first language is not English

An IELTS score of 6.5 with a minimum of 5.5 in each test component or an equivalent acceptable qualification, details of which are available at: go.qub.ac.uk/EnglishLanguageReqs

World-Class Facilities

- The Senator George J Mitchell Institute for Global Peace, Security and Justice
- Institute of Cognition and Culture
- Institute of Irish Studies
- Two International Summer Schools (Irish Studies Summer School; and Conflict Transformation and Social Justice Summer School)

CAREERS/FURTHER STUDY

Skills to Enhance Employability

Graduates from this degree at Queen's are well regarded by local, national and international employers and over half of all graduate jobs are now open to graduates of any discipline, including International Relations and Conflict Studies. Although the majority of our graduates are interested in pursuing careers in the public and voluntary/community sectors, significant numbers develop careers in the private sector, working in industries from management consultancy to law and journalism.

Close Links with Employers

We regularly consult and develop links with a large number of employers, including NI government departments and the North/South Ministerial Council, who provide sponsorship for our internships.

In addition, the School offers a range of employment placements where students can gain real-world work experience which is invaluable in terms of employment after graduation. Given that Belfast is a regional capital with devolved powers, we can offer students placements in the high profile political and related institutions on our doorstep – for example in the Department of Justice, Equality Commission, Police Ombudsman's Office, or BBC Northern Ireland.

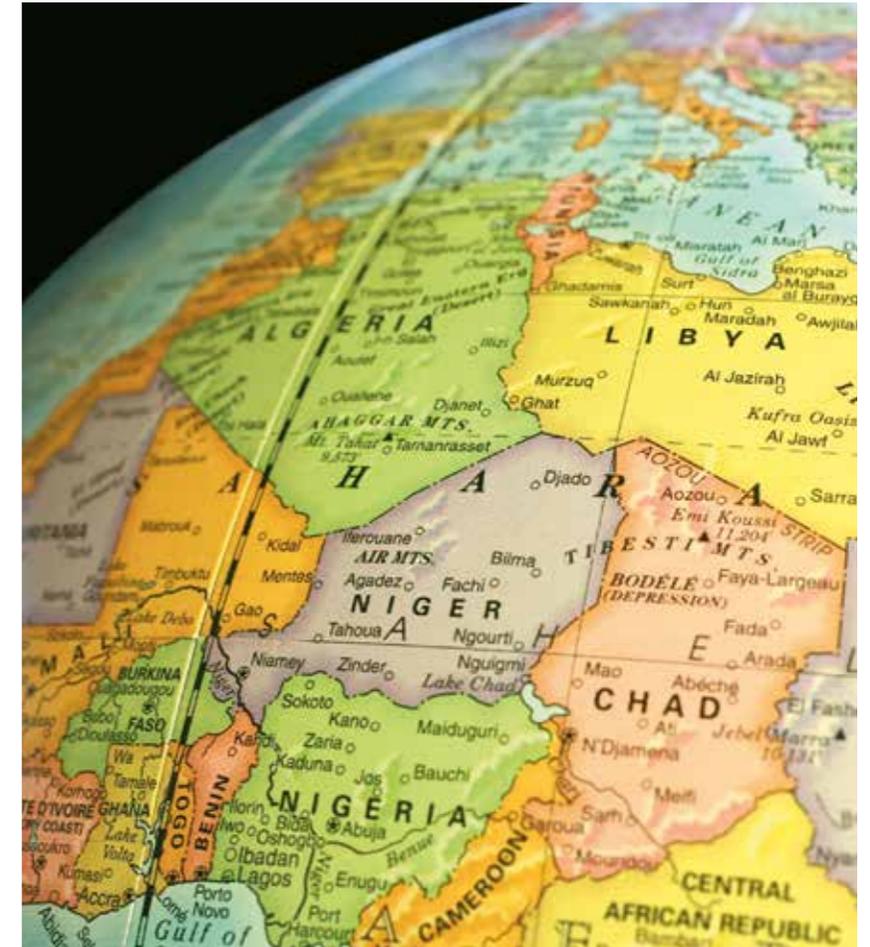
Entrance requirements

e: admissions@qub.ac.uk
t: +44 (0)28 9097 3838

Course information

School of History, Anthropology, Philosophy and Politics

e: happ@qub.ac.uk
t: +44 (0)28 9097 5028
w: qub.ac.uk/happ



Further Study

Many students progress to further study and can choose from a wide range of Master's and research programmes; see the School website for further information.

Various serving politicians have studied in the School, including Ian Paisley Jr (MP), the Green Party Leader, Stephen Agnew, and ministers in the Northern Ireland Executive.

"I loved the scope of my course – we covered political theory, media in conflict, Palestine, the middle east, USA, gender, class, social policy and much more. We really got a chance to specialise and decide what we wanted to focus on."

Amy Keegan
BA International Relations and Conflict Studies Graduate

IRISH

The emphasis in this course is on the modern language and culture. A range of modules will provide you with a broad understanding of diverse aspects of Irish culture and society and include filmmaking, the short story, the novel, and modern poetry. The growth of Gaelic identity is also explored and insight into the country's wider heritage is developed through the study of mythology, folklore and Scottish Gaelic.

COURSE CONTENT

Stage 1

- Gaeilge 1* (double module)
- Irish Folklore
- Celtic Mythology
- Introduction to Modern Irish Literature

Students choose their fifth and sixth modules from the agreed faculty optional module list. Students are permitted to take a third Irish optional module as one of these choices, if available in a given year.

Stage 2

- Gaeilge 2* (double module)
- Scottish Gaelic Language
- Irish Poetic Tradition 1650-1850
- Skills in Irish Translation
- Irish Film Studies
- Irish Writing and the Short Story
- Kings and Warriors

Stage 3

- Gaeilge 3* (double module)
- Modern Irish Poetry
- Language, Identity and the Emergence of Modern Irish Literature
- Dissertation (double module)

* Indicates compulsory modules

Irish at Queen's have received the highest possible score of 100% for overall student satisfaction

(National Student Survey 2018)

WHY QUEEN'S?

Professional Exemptions

The BA Irish will exempt you from examinations for An Teastas Gaeilge do Mhúinteoirí Iarbhunscóile for teaching in the Republic of Ireland.

Global Opportunities

You will have a chance to spend up to a year studying business in the US or you can take a semester at another university in Europe.

Industry Links

We have former students in senior positions in various Irish language sectors and we maintain good links with media production companies, the translation sector and language promotion agencies.

World-Class Facilities

Queen's has an excellent library for Irish materials and an outstanding collection of resources relating to Ireland.

Internationally Renowned Experts

Queen's has world-leading experts in the history of the Irish language and literature, Irish linguistics and Gaelic names. Queen's had the highest ranked research unit including Irish and Celtic languages in the most recent Research Excellence Framework (Times Higher Education rankings based on REF 2014).

Student Experience

Students receive intensive instruction in spoken and written Irish and the School supports a three-week summer school in the Donegal Gaeltacht each year.

BA Single Honours

Irish 3 yrs (Q504)

BA Joint Honours

Anthropology and Irish 3 yrs (QL56)

Archaeology and Irish 3 yrs (VQ45)

English and Irish 3 yrs (QQ53)

French and Irish 4 yrs (QR51)

History and Irish 3 yrs (QV51)

International Studies and Irish 3 yrs (LQF5)

Irish and Politics 3 yrs (QL52)

Irish and Spanish 4 yrs (QR54)

Entrance Requirements

A-level:

ABB including A-level Irish

All applicants:

If you plan to study Irish as a Joint Honours degree you should also refer to the subject requirements for the other course.

For students whose first language is not English

An IELTS score of 6.5 with a minimum of 5.5 in each test component or an equivalent acceptable qualification, details of which are available at: go.qub.ac.uk/EnglishLanguageReqs

• Developing your Employment Skills

Queen's has strong links with a number of employers including the Department for Communities, the BBC, Irish Language Broadcast Fund and other media companies, and employers are routinely invited to address the Irish students. Many of our students work in primary and secondary schools as classroom assistants and language assistants while studying for their degree. Other opportunities to gain employment experience are provided by media companies located in the area and theatre and community groups in Belfast.

Prizes and Awards

- Foundation Scholarships: recognise outstanding achievement in Stage 1
- Donohoe prize: awarded for the highest mark in the oral examination in Stage 2
- Emrys Evans Book prize: awarded at Stages 1 and 2 for the best performance in the written language examination
- Students receive a certificate of distinction for first class performance in the Stage 3 oral.

CAREERS/FURTHER STUDY

Studying for a degree in Irish at Queen's will assist students in developing the core skills and employment-related experiences that are valued by employers, particularly in a world where critical thinking, cross-cultural awareness and communication skills are at a premium.

Typical Careers

Careers pursued by graduates in Irish can include teacher, language development officer, translator, manager, TV presenter, producer, writer and researcher. Graduates may also enter careers in business, management consultancy and software development.

88% of our graduates are in employment or further study within 6 months of graduation. Starting salaries may be in the region of £21,800.

Further Study

Graduates can continue to a Master of Research (MRes) programme as well as courses such as the MA Arts Management and MA Translation.



“The diverse course at Queen's gives a unique insight into the spirit of the language through its modules on all aspects of the culture. It is without a doubt everything I expected the course to be and more.”

Keely Hastings
BA Irish Graduate

Entrance requirements

e: admissions@qub.ac.uk
T: +44 (0)28 9097 3838

Course information

Mícheál Ó Maínnín
School of Arts, English and Languages

e: m.omainnin@qub.ac.uk
t: +44 (0)28 9097 3717
w: qub.ac.uk/ael

LAW

Law looks at the relationships, interactions and transactions between individuals, government and state at a local, regional, national and international level. With a broad focus and application, the law degree encompasses private and public law alongside wider socio-legal perspectives. You will study key aspects of the law and develop a wide range of transferable skills, relevant to your future career trajectory. Our links with the professions, the wide range of additional opportunities within the School and the development of a highly nuanced skill set helps to create highly sought-after graduates.

COURSE CONTENT

The degree offers students the opportunity to study the modules required for the academic stage of legal qualification. In addition, students are offered the opportunity to explore their interests in final year with modules offered that allow them to specialise in a particular area, or simply receive a more rounded sense of what 'Law' is. Many of these modules consider law and law-like interactions on a local, national and international level.

Stage 1

- Careers and Employability
- Constitutional and Administrative Law
- Contract Law
- Torts
- Legal Methods and Skills
- Criminal Law

Stage 2

- EU Law
- Equity and Trusts
- Land Law
- Evidence and Criminal Procedure
- Company Law and Corporate Governance
- Family Law

Stage 3

Students will choose up to 6 Optional Modules:

- Dissertation
- Business and Human Rights
- Clinical Law
- Professional Studies 1
- Professional Studies 2
- Medical Law and Ethics
- Law and Psychology
- Financial Services Law
- Competition Law

- Contemporary Issues in British and Irish Human Rights
- Criminology: Theory and Practice
- Employment Law
- Environmental Law
- Gender, Justice and Society
- Global Business Law and Regulation
- Intellectual Property Law
- International Criminal and Transitional Justice
- International Humanitarian Law
- International Trade Law
- Public International Law
- Regulating Commercial Sex
- Research Project A/B
- Sentencing

*Please note this is not an exclusive list of the optional modules available. Optional modules are subject to staff availability and change each academic year.

WHY QUEEN'S?

Qualifying as a Lawyer

All of the undergraduate Law degrees offered at Queen's are recognised qualifying law degrees by legal professional bodies in Northern Ireland.

They also help to prepare students for the next stage of legal qualification in England and Wales and the Republic of Ireland.

Opportunity for Specialisation

Students can tailor their degree to suit their needs. We have an extensive range of optional modules which allow students to specialise in their chosen area of law.

Global Opportunities

You will have the opportunity to take part in overseas exchanges with partner universities in Europe, North America and China.

LLB Honours

Law 3 yrs (M100)

See also Law with Politics, Common and Civil Law with French and Common and Civil Law with Hispanic Studies

Entrance Requirements

A-level:

AAA

All applicants:

There are no specific subject requirements to study Law.

For students whose first language is not English

An IELTS score of 6.5 with a minimum of 5.5 in each test component or an equivalent acceptable qualification, details of which are available at: go.qub.ac.uk/EnglishLanguageReqs

World-Class Facilities

The £20m School at Queen's offers students access to World-Class facilities such as a fully interactive Moot Court room, a One Button Recording Studio and a wellbeing room.

Student Experience

Students can join a number of student-led initiatives within the School including the Law Society, the Alternative Dispute Resolution Society and the Street Law Project. Other initiatives include the Queen's Student Law Journal, Lawyers without Borders, the student magazine 'The Verdict' and the Mooting Society.

CAREERS/FURTHER STUDY

Although a large percentage of our graduates are interested in pursuing careers in Law, significant numbers develop careers in a wide range of other sectors.

Typical career destinations of graduates include:

- Solicitor
- Barrister
- Legal Professional
- Legal Executive
- Legal Analyst
- Compliance Officer
- Accountant
- Financial Engineer
- Business Analyst
- Management
- Civil Service

Our past students have also gained work placements with organisations such as:

- The Council of the EU
- The European Commission
- The European Parliament
- The United Nations (UN)
- The Organisation for Security and Co-operation in Europe (OSCE)
- The Council of Europe
- Thomson Reuters

Graduate Employers

AandL Goodbody; Allen and Overy; Baker McKenzie; Carson McDowell; CitiGroup; Deloitte; EY; First Derivatives; PwC; Wilson Nesbitt; Herbert Smith Freehills.

Further Study

Further study is also an option open to Law graduates. Students can choose to progress to a vocational course (Solicitor or Barrister



course) or can choose from a wide range of Master's programmes: LLM Criminology and Criminal Justice; LLM Human Rights Law; LLM International Business Law (with Placement option); LLM Law; LLM Law and Technology.



LAW IS RANKED 85 IN THE WORLD
(Times Higher Education World University Rankings by Subject 2020)

Entrance requirements

e: admissions@qub.ac.uk
t: +44 (0)28 9097 3838

Course information

Dr Kevin Brown,
Programme Director for
LLB pathways
School of Law

e: k.brown@qub.ac.uk
t: +44 (0)28 9097 3858
w: qub.ac.uk/law

"I chose to study Law because I wanted a well-respected degree that would give me a solid foundation for my future career. I got that at Queen's but I got so much more too. The approach to teaching and learning was so engaging and went well beyond traditional lecturing. The interactive nature of lectures and tutorials brought the law to life and was truly inspiring. The wide range of compulsory and optional subjects allowed me to tailor my degree to my own interests and to discover new ones! The teaching quality was superb and the guidance and support of staff was second to none."

Dean Bonner,
LLB Law Graduate

LAW WITH POLITICS

As a Joint Honours programme, Law with Politics offers students the chance to study law whilst also engaging with research in areas such as conflict, co-operation, power and decision making, the result being a highly nuanced degree option.

The close relationship with the regional political infrastructure in Northern Ireland creates a unique environment for students to engage with and respond to political as well as legal developments on a local, regional, national and international level.

COURSE CONTENT

The degree offers students the opportunity to study the modules required for the academic stage of legal qualification and politics modules.

Stage 1

Core modules

- Perspectives on Politics
- Legal Methods and Skills
- Careers and Employability
- Constitutional and Administrative Law
- Contract Law

Students will choose one optional module from the list:

- Contemporary Europe
- Issues in Contemporary Politics

Stage 2

Core modules

- Tort
- Criminal Law
- Company Law and Corporate Governance
- EU Law

Students can choose optional modules from Law and Politics:

- Politics of Deeply Divided Societies
- International Relations
- International Organisations
- Security and Terrorism
- Modern Political Thought

Stage 3

Core modules

- Land Law
- Equity and Trusts
- Evidence and Criminal Procedure

Students can choose optional modules from Law and Politics

Law Optional Modules*

- Gender, Justice and Society
- Global Business Law and Regulation
- Intellectual Property Law
- International Criminal and Transitional Justice
- International Humanitarian
- Business and Human Rights
- Clinical Law

Politics Optional Modules*

- Politics of Irish Literature
- The Politics of Sustainable Development
- Contemporary Political Philosophy
- Arms Control
- Women and Politics
- Northern Ireland: A Case Study in Ethno-National Conflict and Peace Making
- Scotland and Northern Ireland: Points of Political Comparison
- US Foreign Policy: War
- Politics, Public Administration and Policy Making
- Global Resource Politics
- European Cultural Identities

*Please note this is not an exclusive list of the optional modules available. Optional modules are reviewed each year. Optional modules are subject to timetabling and staff availability.

WHY QUEEN'S?

Qualifying as a Lawyer

All of the undergraduate Law degrees offered at Queen's are recognised qualifying law degrees by legal professional bodies in Northern Ireland.

LLB Honours

Law with Politics 3 yrs (M1L2)

See also Law, Common and Civil Law with French and Common and Civil Law with Hispanic Studies

Entrance Requirements

A-level:

AAA

All applicants:

There are no specific subject requirements to study Law with Politics.

For students whose first language is not English

An IELTS score of 6.5 with a minimum of 5.5 in each test component or an equivalent acceptable qualification, details of which are available at: go.qub.ac.uk/EnglishLanguageReqs

They also help to prepare students for the next stage of legal qualification in England and Wales and the Republic of Ireland.

Opportunity for Specialisation

Students can tailor their degree to suit their needs. We have an extensive range of optional modules which allow students to specialise in their chosen area of law.

Global Opportunities

You will have the opportunity to take part in overseas exchanges with partner universities.

World-Class Facilities

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Students can join a number of student-led initiatives within the School including the Law Society, the Alternative Dispute Resolution Society and the Street Law Project. Other initiatives include the Queen's Student Law Journal, Lawyers without Borders, the student magazine 'The Verdict' and the Mooting Society.

CAREERS/FURTHER STUDY

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Typical career destinations of graduates include:

- Solicitor
- Barrister
- Legal Professional
- Legal Executive
- Legal Analyst
- Compliance Officer
- Accountant
- Financial Engineer
- Business Analyst
- Management
- Civil Service

Our past students have also gained work placements with organisations such as:

- The Council of the EU
- The European Commission
- The European Parliament
- The United Nations (UN)



- The Organisation for Security and Co-operation in Europe (OSCE)
- The Council of Europe
- Thomson Reuters

Graduate Employers

AandL Goodbody; Allen and Overy; Baker McKenzie; Carson McDowell; CitiGroup; Deloitte; EY; First Derivatives; PwC; Wilson Nesbitt; Herbert Smith Freehills.

Further Study

Further study is also an option open to Law graduates. Students can choose to progress to a vocational course (Solicitor or Barrister course) or can choose from a wide range of Master's programmes: LLM Criminology and Criminal Justice; LLM Human Rights Law; LLM International Business Law (with Placement option); LLM Law; LLM Law and Technology.



LAW IS RANKED 85 IN THE WORLD
(Times Higher Education World University Rankings by Subject 2020)

"My course allowed me to engage with people who have a wide range of perspectives which helped to challenge my thinking and studies. The support I have received from Queen's has been incredible."

Leah Crooks,
LLB Law with Politics Graduate

Entrance requirements
e: admissions@qub.ac.uk
t: +44 (0)28 9097 3838

Course information
Dr Kevin Brown,
Programme Director for
LLB pathways
School of Law

e: k.brown@qub.ac.uk
t: +44 (0)28 9097 3858
w: qub.ac.uk/law

LIBERAL ARTS

Liberal Arts at Queen's is a unique, exciting and challenging programme that will allow students to immerse themselves in the study of arts and humanities subjects that are vital to understanding our twenty-first century world. Through innovative disciplinary as well as interdisciplinary study, students explore a range of contemporary issues within a programme that allows students the flexibility to pursue an emphasis on discipline specialism or in broader, thematic interests that are cross-disciplinary in nature.

COURSE CONTENT

Stage 1

Students take six modules: Understanding Now; one interdisciplinary module; two modules from their pathway; and a further two optional modules. The list of optional modules will, subject to relevant A-level or equivalent prerequisites (e.g. for Language and Music modules) comprise all interdisciplinary and pathway modules and other modules offered as part of the Single Honours programmes in pathway subjects. Please note that the precise modules offered as options may vary from year to year.

At the end of Stage 1, students nominate their pathway. The pathways are: Anthropology, Drama, Economics, English, French, Film, History, International Studies, Irish, Music, Philosophy, Politics, Portuguese and Spanish.

Stage 2

Students take: Uses of the Past; one interdisciplinary module; three modules from their pathway; and a further optional module. In addition they will take a Placement preparation module ahead of the Stage 3 Placement module.

Stage 3

Students take: Arts and Humanities in Contemporary Society; the Placement module; and one module from their pathway in Semester 1. Semester 2 is spent studying abroad at one of our international university partners. Please note that the precise modules offered as options may vary from year to year and may be subject to prerequisites.

Stage 4

Students take: Incorrigibly Plural; the Dissertation module; and a minimum of one module in their pathway with two further modules either from their pathway or from optional modules. The pathway and optional modules will be drawn from the taught modules offered on the relevant MA programme(s).

Please note that the precise modules offered as options may vary from year to year and may be subject to prerequisites.

Study Abroad Opportunities

Liberal Arts at Queen's offers a range of Study Abroad opportunities, from the Erasmus programme with a range of European partners, to the chance to study at a number of partner institutions in the United States.

WHY QUEEN'S?

Placement Opportunities

Students have placement opportunities with leading regional, UK and international employers in both the public and private sectors, e.g. PwC.

Master Your Leadership

Exclusive access to The Graduate School programme 'Enhancing Leadership and Personal Development Skills'.

Master's Degree Modules

Advance opportunity to study postgraduate modules in the fourth year. Multidisciplinary and interdisciplinary modules with curriculum flexibility.

Unique Speaker Series

Liberal Arts talks from local, UK and global industry leaders.

MLibArts Honours

Liberal Arts 4 yrs (Y300)

Entrance Requirements

A-level:

AAA

For students whose first language is not English

An IELTS score of 6.5 with a minimum of 5.5 in each test component or an equivalent acceptable qualification, details of which are available at: go.qub.ac.uk/EnglishLanguageReqs



"The course is well run and it is easy for me to choose the modules I like. The Liberal Arts module itself 'Understanding Now' is insightful and I feel like I have learnt much more in this module than in any of the other modules I am taking despite it only being created this year. The different teachers that come in from the various faculties made the module so unique and open minded and I can honestly say that the module has positively changed my way of thinking."

Jill Clerkin
M Liberal Arts student

CAREERS/FURTHER STUDY

Queen's graduates enjoy successful careers in publishing, public relations, advertising, journalism, broadcasting, law, theatre, management consultancy, the diplomatic service, tourism, policy analysis, charities and non-government organisations.

They include two Nobel Laureates – Seamus Heaney for poetry and David Trimble for his contribution to the Northern Ireland peace process.

Other notable alumni include Mike Brown (Commissioner of Transport for London); Stephen Rea (actor); Lucia McAnespie (actor, RADA-trained); Paul Muldoon (academic and poet); Cat Barter (actor and singer trained in the Royal Academy of Music); Anne Kelly (journalist and writer); Des Kennedy (theatre director, Royal Court Theatre); Annie Mac (radio presenter); Stephen Agnew (Green Party Leader); Marcella Walsh (singer, Scottish Opera).

Further study is also an option open to our graduates. Students can choose from a wide range of taught Master's programmes as well as the MRes in Arts and Humanities.

See the School's website for further information.

Studying for a Liberal Arts degree at Queen's will assist you in developing the core skills and employment-related experiences that are valued by employers, professional organisations and academic institutions.

Graduates from this degree at Queen's are in demand by local, national and international employers. With over half of all graduate jobs now attracting graduates of any discipline, employers value the initiative, imagination, creativity and independence of thought fostered by the Liberal Arts degree. These are high-achieving graduates, with a diverse and multidisciplinary skill-set, who are attuned to the demands of twenty-first-century society, and can provide flexible and innovative responses to global challenges.

Entrance requirements

e: admissions@qub.ac.uk
t: +44 (0)28 9097 3838

Course information

Dr Philip McGowan
Programme Director, M Liberal Arts
School of Arts, English and
Languages

e: philip.mcgowan@qub.ac.uk
t: +44 (0)28 9097 3261
w: qub.ac.uk/ael

MARINE BIOLOGY

'The oceans are a key element for the existence of life on Earth. 97% of all the water on Earth, and 99% of the habitable space on this planet, is in the ocean' (source: NASA).

Marine Biology is the interdisciplinary study of life in the ocean. At the present time, the position of marine biology graduates has never been as critical to the functioning of our society, economy and environment. Complex issues such as overfishing, pollution and climate change are colliding to bring about extraordinary and sometimes catastrophic changes in marine systems. As a marine biologist you will apply cutting edge technologies to help tackle these issues on a scale from molecules to ecosystems.

With regards to marine resources management the UK's territorial waters stretch over 6.8 million km² (over fourteen times the terrestrial landmass) and within this vast area lies the blue economy: marine renewable energy, oil, gas, fish, minerals and rare earth metals. To manage these resources in a sustainable manner requires assessment and guidance from highly-skilled marine biologists.

Within this context the Marine Biology degree at QUB is based on a research-led teaching format and will prepare students for a future in a diverse range of careers including marine conservation, environmental consultancy, documentary film making, wildlife tourism, fisheries management and academic study.

COURSE CONTENT

You will be taught by a team of international researchers with diverse expertise ranging from marine microbes (that constitute 50% of the biomass in the oceans) through to hydrothermal vents and the migration of oceanic megafauna (e.g. sea turtles and sharks). With an exceptional staff to student ratio of 1:3 we have the opportunity to personalise your education via small group tutorials and help guide you towards your career goals.

The course content is designed to blend strong training in marine biology with core skills in the biosciences ranging from physiology and genetics through to conservation biology and global climate change. This broad-based approach allows graduates to explore a range of career opportunities within the biological sciences, as well as within the field of marine biology. This taught content is complemented by an

exceptional array of extra-curricular activities aimed at building your employability; from work-shadowing marine PhD students from stage 1 of your degree through to dedicated skills-development workshops at our marine laboratory including boat-handling, satellite tracking and underwater video technology.

The modules are:

Stage 1

- Biodiversity (with field course)
- Molecular Basis of Life
- The World of Microorganisms

Stage 1 gives a broad base in the biological sciences on which to build Stage 2 and Stage 3 studies. This module combination provides students, who may be undecided as to their final specialist degree area, with considerable flexibility as they enter Stage 2; at this stage students enrolled in Marine Biology can move into Zoology or Biological Sciences and vice versa.

BSc Honours

Marine Biology 3 yrs (C160)

Marine Biology with Professional Studies 4-yr SW (C164)

MSci Honours

Marine Biology 4 yrs (C162)

Marine Biology with Professional Studies 5-yr SW (C165)

See also Biochemistry, Biological Science, Microbiology and Zoology

Entrance Requirements

BSc

A-level:

BBB including Biology and at least one from Chemistry (preferred), Geography, Mathematics or Physics + GCSE Chemistry grade C/4 or GCSE Double Award Science grades CC/44 + GCSE Mathematics grade C/4

OR

BBB including Double Award Applied Science or Double Award Life and Health Sciences + GCSE Biology grade C/4 and Chemistry grade C/4 or GCSE Double Award Science grades CC/44 + GCSE Mathematics grade C/4

OR

ABB including Biology + GCSE Chemistry grade C/4 or GCSE Double Award Science grades CC/44 + GCSE Mathematics grade C/4.

MSci

A-level:

AAB including Biology and at least one from Chemistry (preferred), Geography, Mathematics or Physics + GCSE Chemistry grade C/4 or GCSE Double Award Science grades CC/44 + GCSE Mathematics grade C/4

OR

AAB including Double Award Applied Science or Double Award Life and Health Sciences + GCSE Biology grade C/4 and Chemistry grade C/4 or GCSE Double Award Science grades CC/44 + GCSE Mathematics grade C/4

OR

AAA including Biology + GCSE Chemistry grade C/4 or GCSE Double Award Science grades CC/44 + GCSE Mathematics grade C/4.

Note: MSci applicants will automatically be considered for admission to the BSc if they are not eligible for the MSci, both at initial offer-making stage and when results are received.

Note: it would be an advantage to have studied Chemistry beyond GCSE level.

Option to Transfer: transfers between BSc and MSci may be possible at the end of Stage 2.

For students whose first language is not English

An IELTS score of 6.5 with a minimum of 5.5 in each test component or an equivalent acceptable qualification, details of which are available at: go.qub.ac.uk/EnglishLanguageReqs

Stage 2

- Oceans: past, present and future
- Coastal and Oceanic Biology (with field course)
- Animal Biology and Physiology
- Applied Ecology (with field course)
- Applied Genetics

Work Placement

- Marine Biology with Professional Studies students will complete a one-year, degree-related work placement

Recent students have gained placements working on marine mammals, fisheries management and molecular ecology (for example) at international laboratories in Spain, the Netherlands, and Slovenia as well as across the island of Ireland and GB.

Stage 3

- Sustainable Oceans (with sea survival training and research cruise)
- Conservation Biology
- Global Change Biology
- Animal Behaviour
- Research Project

During their final year, students undertake a two-module research project carried out under the supervision of one or more members of academic staff. The project generally involves practical work carried out in the field and/or at the Marine Laboratory, in one of the many active areas of marine research in the School.

Stage 3

- MSci Research Project

Students carry out a full-time research project under the supervision of academic staff. There are no taught modules or examinations in this

year, thereby allowing students to concentrate fully on their research project.

WHY QUEEN'S?

Dedicated Marine Laboratory

In addition to the state-of-the-art teaching facilities on the main campus, the Queen's Marine Laboratory is on the shores of one of the most protected areas in Europe, Strangford Lough. During your degree, you will take two residential field courses at the marine lab to study marine ecosystems up close using our array of aquaria, boats and shore-based facilities.

Exceptional Marine Life

Around the island of Ireland we have some of the most spectacular marine wildlife in Europe including six-gill, blue and basking sharks, bluefin tuna, >20 species of marine mammals (from seals to humpback whales), leatherback turtles, deep-water coral reefs and hydrothermal vents. All of these species represent core focal areas for our staff. Access to such species and environments makes QUB one of the best located universities for the study of Marine Biology.

Accreditation and Extracurricular Activities

Beyond the taught degree, all Marine Biology students have the opportunity to gain professional boating qualifications (e.g. Survival at Sea, Powerboat Level II) that increase their employability both within and outside of academia. Students are also encouraged to seek Degree plus accreditation which showcases their extra-curricular marine experiences gathered during their degrees (via work shadowing PhD students from the start of their degree, through to activities run by the QUB Marine Biology Society).

The BSc Marine Biology and BSc Marine Biology with Professional Studies have been accredited by the Royal Society of Biology following an independent and rigorous assessment. Accredited degree programmes contain a strong academic foundation in biological knowledge and key skills, and prepare graduates to address the needs of employers.

The MSci Marine Biology and MSci Marine Biology with Professional Studies hold advanced accreditation with the Royal Society of Biology. Advanced Degree Accreditation by the Society recognises academic excellence in the biosciences, and highlights degrees that educate the research and development leaders and innovators of the future.

CAREERS/FURTHER STUDY

An Honours degree in Marine Biology offers comprehensive training in one of the most popular environmental disciplines, and good graduates move on to pursue diverse careers at home and abroad.

Many recent graduates have secured MSc and PhD positions at leading universities in the UK, Republic of Ireland and overseas whilst others work in secondary education or for conservation organisations and government environmental agencies. The experience that you gain from applying the scientific approach to living organisms, solving numerical and practical problems, developing written and oral communication skills and using a wide range of sophisticated equipment will also help you to find employment in a variety of non-biological careers. Many employers are looking for graduates in any scientific discipline, provided they show academic confidence, the ability to communicate, handle quantitative data and solve problems, and have good social skills, a wide range of interests and a record of success. We believe that studying Marine Biology at Queen's will enable you to acquire and develop these qualities.

Further Study

Further study is also an option open to Marine Biology graduates. Students can choose from a wide range of Master's programmes as well as a comprehensive list of research topics as shown on the University website.



Entrance requirements

e: admissions@qub.ac.uk
t: +44 (0)28 9097 3838

Course information

Dr Jonathan Houghton
Programme Director
School of Biological Sciences

e: biosciences-ug@qub.ac.uk
t: +44 (0)28 9097 5786
w: qub.ac.uk/bb

MATHEMATICAL STUDIES

Mathematics is the universal language of science. It pervades technology, society, medicine, life, the universe and everything! Mathematics is also one of the most powerful tools for analysis and problem solving known to mankind. As a result, mathematics graduates have the fifth highest employment rate of any degree subject in the UK, and the highest of all the 'pure' sciences. Thus, mathematics provides a unique combination of factors: a pure science with infinite intrigue awaiting a curious mind, and a hugely valuable and employable skill set enabling a broad range of possible future careers.

The mathematics programmes at Queen's offer students the opportunity to tailor their studies to their mathematical interests. We offer a range of modules across the main areas of mathematics:

Pure Mathematics

Pure mathematics focuses on the reasons why mathematical procedures work. Armed with this deep understanding, we may then develop new procedures to solve problems at the forefront of research in many disciplines.

Applied Mathematics

Applied mathematics is about developing methods for solving problems and mathematical modelling of real-life phenomena from areas such as finance, biology, medicine and physics – not just mechanics.

Statistics and Operational Research

Statistics is concerned with deriving sound inferences from data. This may be experimental or observational and obtained from investigations of physical or biological phenomena or from the study of the workings of industry, commerce and society. Statistics is also at the heart of the current explosion in activity relating to business analytics and 'big data' (which involves discovering meaningful patterns or relations in large volumes of data).

As well as our immensely flexible 'mathematics' and 'mathematics with statistics and operational research' degrees, we also offer more focused degree pathways in several areas.

Mathematics with French or Spanish

As part of this degree programme you will have the opportunity to study mathematics at a French or Spanish university through the medium of the chosen language. Additionally we participate in the IAESTE and Erasmus student exchange programmes, which enable students to obtain work experience in companies and universities throughout the world.

Mathematics with Finance

This degree provides students with a particular set of mathematical skills that are ideal for work in the financial services technology sector. Managing money means dealing with numbers and varying quantities. Mathematical models can be applied to complex behaviour in the financial markets. Well-qualified mathematicians and statisticians are therefore in great demand, with a wide choice of career opportunities. This course is a partnership with industry and includes project work related to capital markets and capital market instruments.

Theoretical Physics and Applied Mathematics with Physics

These degrees are especially suitable for those wishing to study both mathematics and physics. The former is focused on the mathematical aspects of physics, while the latter is a joint degree with a wider choice of modules. As well as the subject specific degree pathways, several courses also offer a choice of three-year (BSc) and four-year (MSci) options.

BSc Honours

Applied Mathematics and Physics* 3 yrs (GF13)

Applied Mathematics and Physics* 3 yrs (GF13)

Mathematics 3 yrs (G100)

Mathematics and Computer Science 3 yrs (GG41)

Mathematics and Statistics and Operational Research 3 yrs (GG13)

Mathematics with French 4 yrs

Mathematics with Finance 3 yrs (G1N3)

Mathematics with Spanish 4 yrs

Theoretical Physics* 3 yrs (F340)

MSci Honours

Applied Mathematics and Physics* 4 yrs (GFC3)

Mathematics 4 yrs (G103)

Mathematics and Computer Science 4 yrs (GGK1)

Mathematics and Statistics and Operational Research 4 yrs (GGC3)

Theoretical Physics* 4 yrs (F344)

Entrance Requirements

BSc options

A-level:

AAB including Mathematics grade A

OR

A*BB including Mathematics grade A*

*For degrees marked with an asterisk this must include A-level Physics grade B or better.

BSc Mathematics with French/Spanish

AAB including Mathematics grade A

OR

A*BB including Mathematics grade A*

For French option: A-level French grade B.

For Spanish option: A-level Spanish grade B.

BSc Mathematics with Finance

A-level:

AAA including Mathematics grade A

OR

A*AB including Mathematics grade A*

MSci options

A-level:

AAA including Mathematics

OR

A* (Mathematics) AB.

*For degrees marked with an asterisk this must include A-level Physics.

For students whose first language is not English

An IELTS score of 6.0 with a minimum of 5.5 in each test component or an equivalent acceptable qualification, details of which are available at: go.qub.ac.uk/EnglishLanguageReqs

These four-year undergraduate degrees can be seen as extended versions of the three-year BSc Honours degrees, and are aimed primarily at students who intend to make significant use of their subject in their future careers, or who simply wish to broaden their understanding of mathematics. The following MSci degrees are available:

- Applied Mathematics and Physics
- Mathematics
- Mathematics and Computer Science
- Mathematics and Statistics and Operational Research
- Theoretical Physics

Students may register for either the three-year BSc or the four-year MSci degree. Transfers to the MSci are permitted up to the end of Stage 2, subject to performance. Progress to Stages 3 and 4 of the MSci is dependent on the student maintaining an approved high standard at earlier stages.

The first year, and a sizable fraction of the second year, of each course are devoted to core mathematics knowledge. During

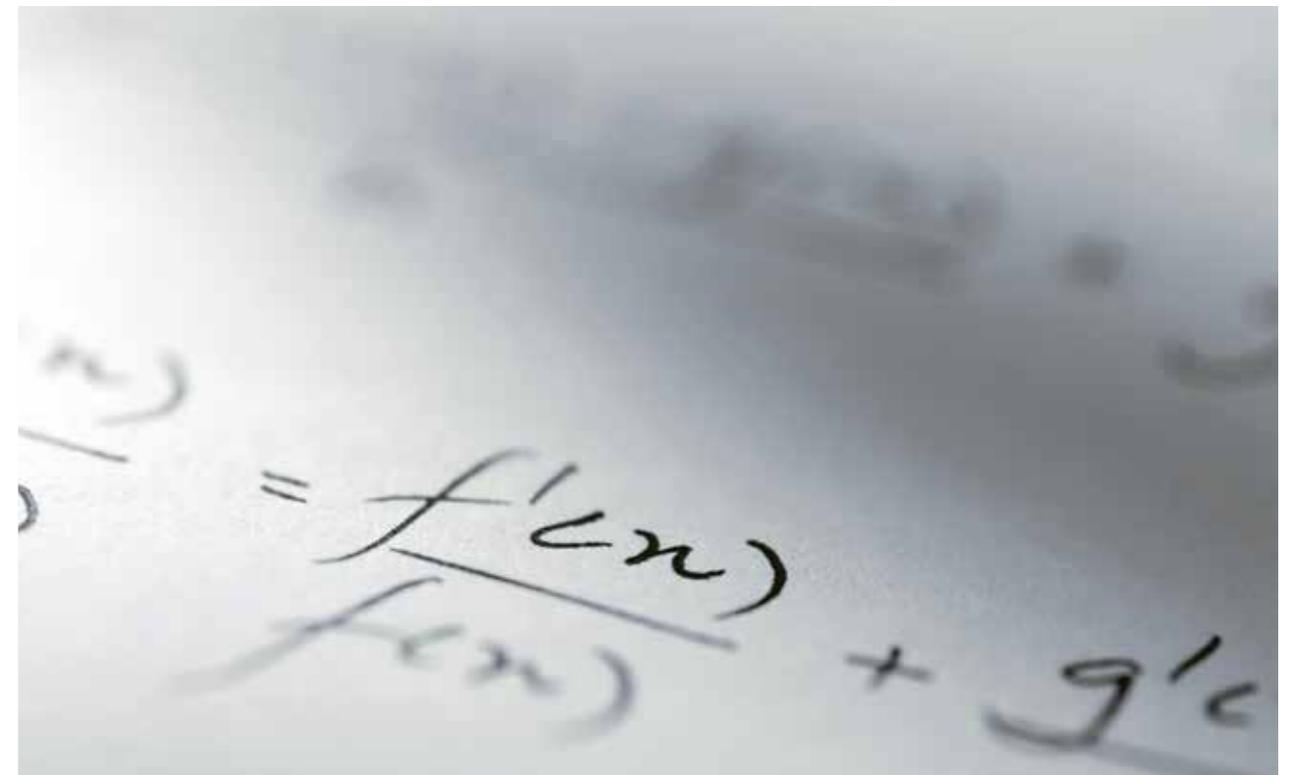
the second and third year, students can choose from a wide range of optional modules. BSc students will carry out an investigation in their third year to gain insight into the practical application of mathematics within a particular context.

Level 1

In the first year of study, most students choose to take the six modules on offer within mathematics:

- Analysis and Calculus
- Numbers, Vectors and Matrices
- Introduction to Statistics and Operational Research Methods
- Mathematical Modelling
- Mathematical Reasoning
- Introduction to Probability & Statistics

Students on Joint pathways (Physics/Computer Science/Finance) will combine a specific selection of these modules with modules taken from the respective department.



MATHEMATICAL STUDIES

The modules at Level 1 lay the foundation for the future study of mathematics, and, through the Mathematical Modelling and Reasoning modules, and the SOR methods module, will also provide insight into how mathematical methods and thinking relate to real problems.

Level 2

- Numerical Analysis
- Fluid Mechanics
- Classical Mechanics
- Group Theory
- Elementary Number Theory
- Methods of Operational Research
- Linear Models
- Statistical Inference
- Partial Differential Equations*
- Linear Algebra*
- Analysis*

Students will be required to select 6 modules. This must include the compulsory* courses from the list above. Not all modules may be available each year.

Level 3

Students take a project module and at least one other module that assists with the development of skills relevant to their chosen programme. For mathematics students, this module is Computer Algebra. A total of 6 modules is normally selected.

Module topics include:

- Electromagnetic Theory
- Quantum Theory
- Tensor Field Theory
- Partial Differential Equations
- Financial Mathematics
- Calculus of Variations and Hamiltonian Mechanics
- Mathematical modelling in biology and medicine
- Ring Theory
- Set Theory
- Metric and Normed Spaces
- Computer Algebra
- Linear & Dynamic Programming
- Stochastic Processes and Risk
- Statistical Data Mining
- Algebraic Equations

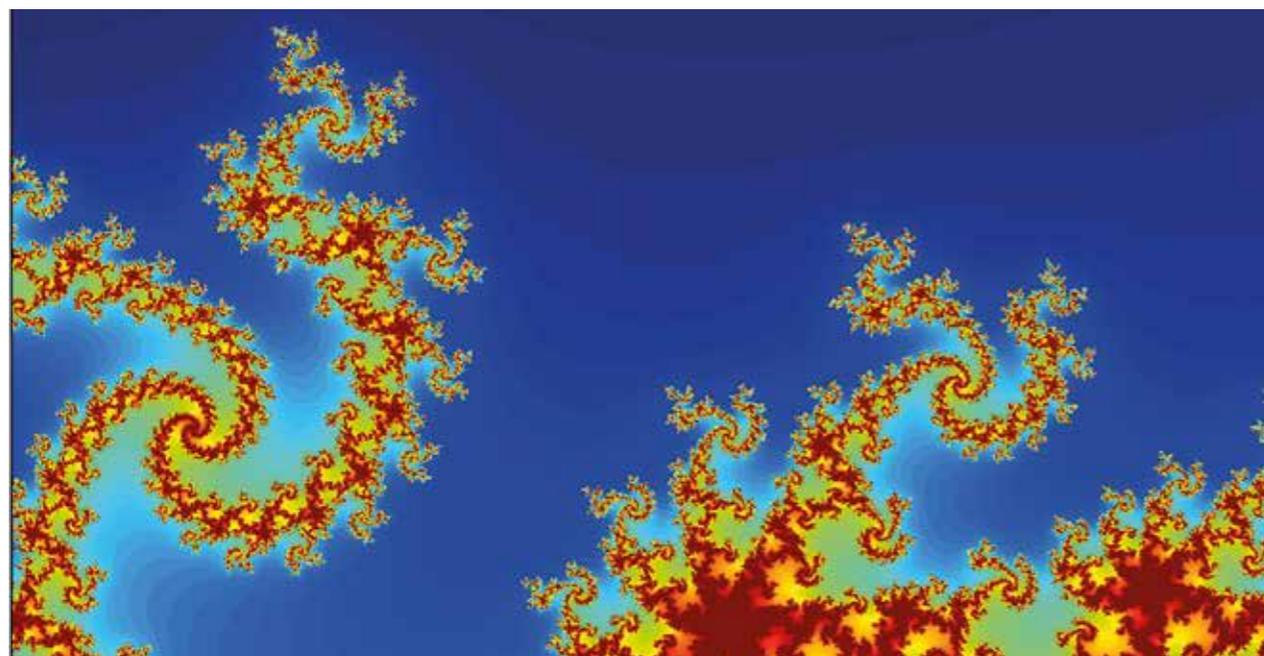
Students on the Joint programmes with Physics and Computer Science will take a selection of modules from both Mathematics and the Joint programme. Mathematics with Finance students will take a selection of modules of relevance to finance from the list above and several modules specially tailored to employment in the financial sector.

Level 4

The Level 4 modules open to MSci students offer the opportunity to study a selection of topics in greater depth than is possible in the BSc programme. The centrepiece of the fourth year is the double-weighted investigations module, in which a student has the opportunity to study an aspect of mathematics close to the frontier of knowledge.

Modules include:

- Advanced Mathematical Methods
- Advanced Quantum Theory
- Algebraic Topology
- Functional Analysis
- Information Theory
- Integration Theory



- Mathematical Methods for Quantum Information
- Practical Methods for Partial Differential Equations
- Rings and Modules
- Statistical Mechanics
- Survival Analysis
- Topology

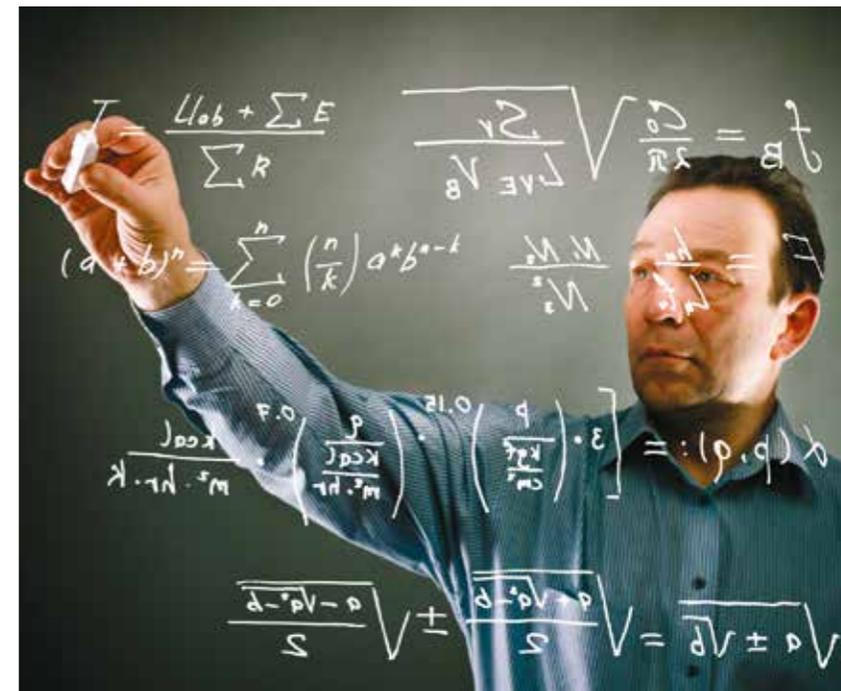
WHY QUEEN'S?

Choice and Flexibility: the combination of expertise in Applied Mathematics, Pure Mathematics, and Statistics and Operational Research, enables the School of Mathematics and Physics to deliver a wide range of degree programmes which allow you to build the degree that suits you. You can choose to specialise in a particular area, or study aspects covering the whole spectrum of mathematics on offer. The combination with expertise in physics within the School allows students to choose fully integrated Joint degrees with physics which place more emphasis on either experimental or theoretical aspects of the subject.

An exciting development is the new School Teaching Centre for Mathematics and Physics, which opened in September 2016, providing a home for undergraduate students within the School.

CAREERS/FURTHER STUDY

Studying for a Mathematics degree at Queen's will assist students in developing the core skills and employment-related experiences that are valued by employers, professional organisations and academic institutions. Graduates from this degree at Queen's are well regarded by local, national and international employers and over half of all graduate jobs are now open to graduates of any discipline, including Mathematics. Although many of our graduates pursue careers in teaching, banking and finance, a significant number develop careers in a wide range of other sectors including management consultancy, export marketing and fast-stream Civil Service. There is also a wide variety of postgraduate studies available to Mathematics graduates; see the School website for further information.



"I loved learning about the applications of statistics in areas such as medicine and finance... Maths was at times a very challenging degree. However, there is endless support in the maths department through lecturers, advisors of studies and peer mentors."

Anna Kindlon,
Data Analyst, Accenture
MSci Mathematics, Statistics & Operational Research (2018)

"A maths degree opens up so many career opportunities; the analytical, logical and problem-solving skills developed throughout the degree are exactly what employers are looking for."

Roisin Mackle,
BSc Mathematics and Statistics and
Operational Research Graduate (2012)
Business Operations Analyst, Euroclear

"At Queen's there is a large choice of modules available, so you are able to customise your degree path to what you want to study. The lecturers in the department are extremely kind and helpful, and always give their best in trying to help you if you have a problem, regardless of the nature of it."

Matthew Young,
Carrickfergus, Northern Ireland
MSci Mathematics Graduate (2012),
PhD student at Queen's

Entrance requirements

e: admissions@qub.ac.uk
t: +44 (0)28 9097 3838

Course information

Mathematics Admissions
Co-ordinator
School of Mathematics and Physics

e: mpts@qub.ac.uk
t: +44 (0)28 9097 1900
w: qub.ac.uk/mp

MECHANICAL ENGINEERING

Mechanical engineers use their skills and knowledge in maths and science to design and manufacture new technology that functions efficiently and reliably at an optimised cost. Almost all products have a requirement of a mechanical engineer: from mobile phones, to medical devices to a Formula 1 racing cars.

Mechanical engineers are also developing the next generation of environmentally friendly materials and devices for renewable energy sources. The course develops core skills in maths, science and engineering design as well as providing education in the use of key engineering software essential for mechanical engineers in the 21st century.

COURSE CONTENT

Stage 1

Students are introduced to core mechanical engineering principles and mathematics, and they undertake a team-based project, designed to introduce them to the concept of professional engineering practice. This is supported through modules in engineering design and a dedicated laboratory programme.

- Introduction to Mechanical Engineering 1
- Laboratory Programme 1
- Mathematics 1
- Mechanics of Materials 1 Thermodynamics and Fluid Mechanics 1 Dynamic Systems 1
- Engineering Design 1

Stage 2

Stage 2 builds on the knowledge already gained with a series of more advanced engineering science subjects including dynamics, thermodynamics, fluid mechanics and strength of materials.

Mathematics and computing focus more on their application to engineering than basic theory, while modules in Design and Manufacturing Technology provide hands-on practical experience of manufacturing processes and computer-aided design. Students are also introduced to the legal aspects of engineering practice in the professional studies module, and are given the opportunity to develop the skills required for future work placements and careers in the employability module.

Stage 2 compulsory modules are as follows:

- Professional Studies 2
- Mechanics of Materials 2
- Dynamics 2
- Thermodynamics & Fluid Mechanics 2
- Design and Manufacturing 2
- Maths and Computing 2
- Manufacturing Technology 2

Stage 2 Optional Course

- Employability 2

Stage 3

Optional modules in Stage 3 give students the opportunity to tailor courses and projects to their particular interests.

Students expand their engineering knowledge through a range of core courses in engineering science and professional studies along with chosen optional modules. They also undertake an individual project where they choose a topic of interest and apply the theory and knowledge developed in the previous years.

Stage 3 courses are outlined below:

- Professional Studies 3
- Heat Transfer & Combustion 3
- Project 3B
- Mechanics of Materials 3
- Engineering Dynamics 3

BEng Honours

Mechanical Engineering 3 yrs (H303)

Mechanical Engineering with a Year in Industry 4-yr SW (H304)

MEng Honours

Mechanical Engineering 4 yrs (H303)

Mechanical Engineering with a Year in Industry 5-yr SW (H305)

See also Aerospace Engineering and Product Design Engineering

Entrance Requirements

BEng

A-level:

ABB including Mathematics and at least one from Physics (preferred), Biology, Chemistry, Further Mathematics, Technology and Design or Double Award Life & Health Sciences.

BTEC Extended Diploma:

A relevant BTEC Extended Diploma with 120 credits at Distinction and 60 credits at Merit. Distinctions will be required in stipulated relevant units.

Note: applicants not offering Physics at A-level should have a minimum of a grade C/4 in GCSE Physics or GCSE Double Award Science grades CC/44.

Higher National Diploma:

Those with good grades in a relevant Higher National Diploma will be considered on their individual merits for entry to Stage 2.

MEng

A-level:

AAA including Mathematics and at least one from Physics (preferred), Biology, Chemistry or Further Mathematics.

Note: applicants not offering Physics at A-level should have a minimum of a grade B/6 in GCSE Physics or GCSE Double Award Science grades BB/66.

Note: applicants for the MEng degree will automatically be considered for admission to the BEng degree if they are not eligible for entry to the MEng degree both at initial offer-making stage and when results are received.

Option to Transfer: transfers between BEng and MEng may be possible at the end of Stage 2.

For students whose first language is not English

An IELTS score of 6.0 with a minimum of 5.5 in each test component or an equivalent acceptable qualification, details of which are available at: qub.ac.uk/EnglishLanguageReqs

Stage 3 Optional Courses

- Computer-Aided Engineering 3
- Plastics Engineering 3 Transportation
- Power and Systems 3

Stage 4

Students extend their knowledge of engineering applications through optional modules, and in advanced core skills and professional studies. The other major focus is the individual project, where students also apply their engineering skills to an area of cutting-edge technology. These projects are closely associated with industry and with the School's current research interests. Stage 4 courses are outlined below:

- Compressible Flow 4
- Project 4
- Engineering Dynamics 4

Stage 4 Optional Courses

- Professional Studies 4
- Mechanics of Aerospace Materials 4
- Computer-Aided Engineering 4
- Advanced Materials 4
- Manufacturing Automation & Simulation 4
- Internal Combustion Engines and Turbomachinery 4

WHY QUEEN'S?

Accreditation

Both the BEng and MEng degrees are accredited by the Institution of Mechanical Engineers (IMechE).

Leadership Programme

Students have the opportunity to gain a place on the Engineering Leadership Programme and a range of Employability Development workshops.

Placement/Study Abroad

Students have gained work placements with organisations such as Airbus UK, Cummins Turbo Technologies, GlaxoSmithKline, Lockheed Martin, Mercedes Benz High Performance Engines, Nacco Materials Handling Ltd, and Red Bull Technology Ltd.

Students also have the opportunity to work or study outside the UK through programmes such as IAESTE, Erasmus, Study Abroad and Study USA. In recent years, students have undertaken placements in companies in Argentina, Brazil, Canada, Finland, France, Japan, Malaysia and the USA.

Industry Links: The School has strong links with both local engineering employers such as Bombardier, Caterpillar, Sensata, and Collins Aerospace and international engineering employers such as Jaguar Land Rover, Lotus, McLaren F1, Michelin and Rolls Royce, Glaxo Smith Kline (GSK). The curriculum is heavily informed by industry representatives who sit on an advisory board within the School.

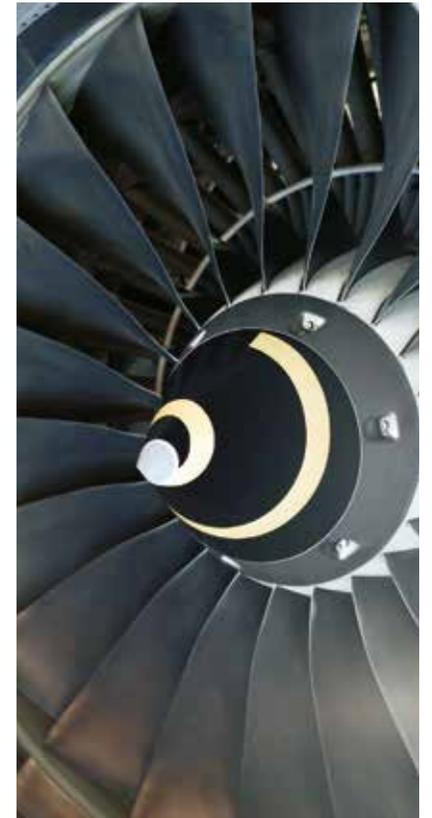
CAREERS/FURTHER STUDY

The versatility of Mechanical Engineering graduates makes them well suited for a wide range of careers.

Graduates are greatly prized because of their high level of numeracy and analytical ability, their well-developed communication skills and their leadership potential. In contrast to other engineering disciplines they are more likely to progress to senior management roles and they can more easily exploit their skills in the wider commercial, financial or public sectors.

Further Study

Further study is also an option – students can choose from a range of Master's programmes as well as apply to do a PhD from a comprehensive list of research topics; see the School website for further information.



We put emphasis on hands-on, project-based learning and invest heavily in our state-of-the-art facilities and flexible project spaces to support this activity.

Entrance requirements

e: admissions@qub.ac.uk
t: +44 (0)28 9097 3838

Course information

School of Mechanical and Aerospace Engineering

e: mech.aero@qub.ac.uk
T: +44 (0)28 9097 4117
w: qub.ac.uk/mechaero

MECHANICAL ENGINEERING (FD)

The majority of man-made products are mechanical or have mechanical parts, and mechanical engineers are to be found working in virtually every type of industry, on products as diverse as racing cars, jet engines, cruise ships, farm machinery, sports equipment and domestic appliances. Mechanical engineers therefore have very wide career opportunities and are employed because of their scientific knowledge, design expertise, problem-solving skills and business awareness.

The Foundation degree (FdEng) in Mechanical Engineering is a two-year degree offered by Belfast Metropolitan College in collaboration with Queen's University Belfast.

On completion of the Foundation degree, successful students can then choose to enrol at Stage 2 of a BEng Honours degree in either Mechanical Engineering, Aerospace Engineering or Product Design Engineering, and graduate after a further two years of study. Alternatively, they can progress directly into full-time employment in the design or mechanical/manufacturing industry.

COURSE CONTENT

This Foundation degree, which takes two years to complete, starts with a comprehensive introduction to the discipline and a grounding in the mathematical skills needed by graduate engineers.

Scientific topics on which modern engineering is based are also covered, and there is an emphasis on both engineering practice and its real-world application. Design plays a prominent part in the degree, and students are taught how to interpret technical drawings and how to use professional CAD facilities.

A significant part of the curriculum is delivered through active learning, where students work on assignments and projects, both individually and in teams, and this is supported by the College's excellent workshops and laboratories.

In addition, students will undertake a period of relevant industrial work placement, which will assist in developing a sound understanding of the practical applications of some of the theoretical content. This forms a significant portion of the assessment and will be completed in the first semester of Year 2.

WHY QUEEN'S?

Progression

The Foundation degree is designed to provide access to Queen's University for students who would not otherwise have the opportunity to enrol on the BEng Honours degree, and places are available to applicants with a wide range of qualifications.

Access to University Facilities

While Belfast Metropolitan College is responsible for delivering the degree, Foundation students are enrolled as students in both the College and the University and have all the main entitlements and access to the University's facilities as other undergraduate students at Queen's.

FdEng (Foundation Degree)

Mechanical Engineering 2 yrs (H302)

Based at Belfast Metropolitan College (Millfield Campus)

Entrance Requirements

A-level:

CC including Mathematics and at least one of Physics (preferred), Biology, Chemistry, Further Mathematics or Technology and Design.

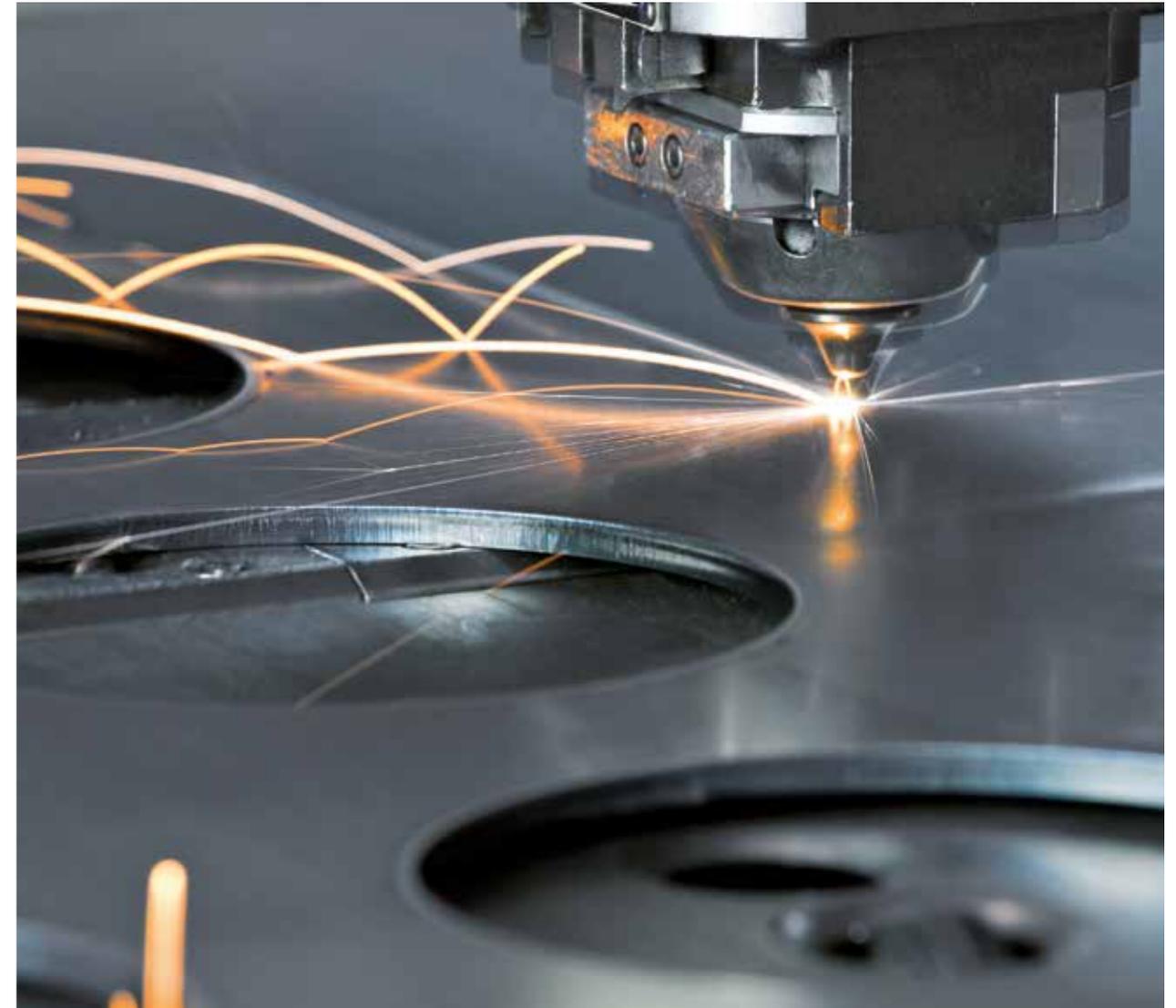
BTEC Extended Diploma:

A relevant discipline, with a Merit or above in at least half of the units taken (relevant units will be specified) and Passes in the remaining units, plus GCSE English Language and Mathematics at grade C/4 or above.

Note: applicants not offering Physics at A-level should have a minimum of a grade C/4 in GCSE Physics or GCSE Double Award Science grades CC/44.

For students whose first language is not English

An IELTS score of 6.0 with a minimum of 5.5 in each test component or an equivalent acceptable qualification, details of which are available at: go.qub.ac.uk/EnglishLanguageReqs



CAREERS/FURTHER STUDY

After graduating with the FdEng in Mechanical Engineering, students will have acquired practical and theoretical knowledge and a wide range of skills. They will also have had the benefit of undertaking a major industrially-relevant project as part of the industrial placement. As a result, graduates will be in an excellent position to pursue careers in many of the areas where mechanical engineers are employed.

Further Study

Further study by progression to a BEng degree in Mechanical, Aerospace or Product Design Engineering at Queen's will broaden students' options in terms of employment and create the opportunity for further progression through postgraduate study. For information on available Master's and research programmes, please see the School website.

Entrance requirements

e: admissions@qub.ac.uk
t: +44 (0)28 9097 3838

Course information

The Director of Education
School of Mechanical and
Aerospace Engineering

e: mech.aero@qub.ac.uk
t: +44 (0)28 9097 4117
w: qub.ac.uk/mechaero

MEDICINE

Queen's is an exciting place to study medicine with our students experiencing clinical practice in a variety of hospitals, general practices and healthcare settings throughout Northern Ireland from first year onwards.

The School of Medicine, Dentistry and Biomedical Sciences has close ties with the Northern Ireland community as part of its educational, research and outreach programmes. Our 'Patients as Partners' make a valuable contribution to the education of medical students, through their participation in the selection of medical students to the programme, teaching sessions, as well as assessments.

As medical practice changes, so our course has changed to meet the challenges of 21st Century healthcare.

COURSE CONTENT

Queen's medical degree is a five year course with an integrated systems-based approach. It is one of the few medical schools in the UK to teach students anatomy through cadaveric full-body dissection and does so in a state-of-the-art modern Dissection Suite.

Students are introduced to clinical work from the onset and by third year almost all teaching is in the clinical setting. Good communication and examination skills training is undertaken in the Clinical Skills Education Centre with our 'Patients as Partners' before students move to actual patient contact in the healthcare environment.

Four 'Double-Helical Themes' weave their way into every module and year of the course. These themes - the DNA of the curriculum - are Global and Population Health, Clinical Science and Practice, Achieving Good Medical Practice and Teamwork for Safe Care.

In final year all students undertake an Assistantship module which aims to ensure that graduates have a smooth transition into their first Foundation post.

Years 1 and 2

During the first two years of the degree you learn about the scientific basis of medical practice. You gain knowledge about each body system, focusing on the mechanisms of cellular structure and function. You also study pathology, microbiology, therapeutics and genetics. Teaching of basic science subjects is integrated with clinical skills

training which you acquire through clinical simulation and practice with patients.

Year 3

The third year has a greater clinical focus. Classroom-based and clinical teaching takes place in each of the medical and surgical disciplines, which is integrated with therapeutic, pathological and microbiological principles relevant to clinical medical practice in longitudinal clerkships in hospitals and general practices all over Northern Ireland.

Intercalated Degrees

At the end of second or third year, students may apply to take a year out of their medical degree to study for an intercalated degree. This extra research focused year will lead to either a qualification at Bachelor or Master's level.

Years 4 and 5

During the fourth and fifth years you gain further experience in child health, women's health, mental health, cancer, Ageing and Health. Integrated teaching between primary and secondary care offers an opportunity for you to consolidate and advance your clinical skills and enhance your clinical and related knowledge. In fifth year you have the opportunity to undertake an assistantship, during which you complete the range of tasks undertaken by a Foundation Doctor. Professionalism, ethics, communication, teamwork, and related behavioural science is embedded through the Double-Helical Themes.

MB BCh BAO

Medicine (Bachelor of) 5 yrs (A100)

Entrance Requirements

Interview:

All applicants will be ranked on cognitive performance, and a proportion selected for interview (Multi-mini interview). Interviews will take place between January and March in Belfast for home and EU applicants. Staff from the Medical School visit South East Asia in late January/February to interview and international applicants from other countries are encouraged to travel to Belfast for interview, as they will benefit from a tour of the Medical School and the University.

UCAT:

All applicants are required to sit the University Clinical Aptitude Test (UCAT) and the results achieved will be used as part of the selection process prior to interview. Further information on UCAT is available at: ucat.ac.uk.

A level requirements:

AAA at A-level + A in a fourth AS-level subject including A-level Chemistry plus at least one other A-level from Biology/Human Biology, Mathematics or Physics. If not offered at A-level then Biology/Human Biology grade A as a 4th AS-level or grade B as a 5th AS-level. Grade A in the EPQ or Advanced Welsh Baccalaureate or a grade B in a 4th A-level will be acceptable in lieu of the 4th AS-level.

OR

A*AA at A-level including Chemistry and Biology/Human Biology.

OR

A*AA at A-level including Chemistry and either Mathematics or Physics + AS-level Biology grade B.

All Applicants:

GCSE Mathematics minimum grade C/4 and either GCSE Physics minimum grade C/4 or GCSE Double Award Science minimum grades CC/44 are required if these subjects are not offered at AS-level or A-level.

A maximum of either one Applied A-level or one Applied AS-level will be counted. Please also note that only one Mathematics subject will be counted at A-level (the other would be acceptable as the fourth AS-level). A-level Critical Thinking and both AS-level and A-level General Studies are not acceptable.

In considering applications, GCSE performance in the best 9 subjects taken in Years 11 and 12 (Years 10 and 11 for England and Wales) will be scored with 4 points awarded for an A* (grade 9 on the numerical 9-1 grading scale), 3 points for an A (grades 7 and 8), 2 points for a B (grade 6) and 1 point for a C (grades 4 and 5).

For those who have not undertaken GCSE or equivalent level qualifications, then an academic score will be calculated on the basis of school reports.

UCAT will be scored and used in conjunction with the GCSE score to rank for interview. AS-level performance, additional GCSE A grades and other factors may also be taken into account in borderline cases.

Evidence of commitment to medicine, motivation, communication skills and initiative are important.

Graduates:

Applications from graduates or those in the final year of their degree are considered and the full academic background is taken into account. The minimum A-level threshold (or equivalent in other qualifications) is either ABB at first attempt, ie prior to commencing degree studies for those with an Upper Second Class Honours degree, or BBB at first attempt for those with a First Class Honours degree or PhD and an Upper Second Class Honours degree. Grades may be averaged but the minimum grades that can be accepted is a grade C with grade B the lowest grade acceptable for A-level Chemistry. Applicants must have an appropriate science background at GCSE and AS-level/A-level or equivalent (see below) and at least a 2.1 Honours classification in their primary (first) degree, which can be from a wide range of different subjects. A-level Chemistry and at least one from A-level Biology/Human Biology, Mathematics or Physics, plus, if not offered at A-level, then Biology/Human Biology to at least AS-level (or equivalent) are required. In addition, GCSE Mathematics minimum grade C/4 and either GCSE Physics minimum grade C/4 or GCSE Double Award Science minimum grades CC/44 are required if not offered at AS-level or A-level. Graduate applicants who fulfil these criteria are then scored with their UCAT.

Graduate applicants from a non-science background but who fulfil the conditions in terms of grades achieved at the first attempt (ie in their original choice of A-level subjects) and degree performance will be considered if they undertake the appropriate Science qualifications on completion of their degree.

Transfers from other Medical Schools:

Applications will only be considered in exceptional circumstances and entry will be to first year only. All normal entry requirements must be satisfied.

For students whose first language is not English

An IELTS score of 7.5 overall, with a minimum of 7.0 in Speaking and Listening and 6.5 in Reading and Writing, or an equivalent acceptable qualification, details of which are available at: go.qub.ac.uk/EnglishLanguageReqs.

All Applicants:

All students admitted to this degree will be required to complete a Hepatitis B vaccination programme at the Occupational Health Service of the University.

Medicine welcomes applications from people with disabilities. All applications will be treated on an individual case basis to ensure that the applicant has the potential to fulfil the demands of professional fitness to practise. Disability will not be considered as part of the selection process, however, it is strongly advised that applicants disclose their disability on their UCAT form and contact the School to obtain further advice. Applicants may also be required to provide relevant information which will be treated in the strictest of confidence. It is important that the University has an understanding of your support requirements to implement reasonable adjustments.

As a result of current legislative requirements any offer made will be conditional on a satisfactory criminal history check (Access NI Enhanced Disclosure Check). To enable the University to request this check you will be required to provide some personal information which will be treated in the strictest of confidence and in line with Data Protection Principles. The current cost of an Enhanced Disclosure Check is £33. At the time of printing changes are due to be implemented and relevant procedures and/or costs may change. Applicants will be advised of the relevant requirements at the appropriate time. For international students, a Certificate of Good Conduct or equivalent will be required in lieu of an Access NI check. Additional checks may be required depending on the applicants address history.

The degree is subject to the University's regulations on Fitness to Practise. Applicants will be required to give permission for a check against the Excluded Student Database prior to offers being made. This is a national database which records those who have previously been excluded from professional programmes because of fitness to practise concerns.

Selection criteria for Medicine are reviewed annually and therefore you

should read the 'How we choose our student' PDF which is available from the link below under Selection Criteria.

More detailed information on applying to Medicine at Queen's is also available from the School website at qub.ac.uk/schools/mdbs/

Please note for 2021 entry the deadline for applications to this degree is 6.00 pm on 15 October 2020 and arrangements should be made to undertake UCAT in advance of this.

WHY QUEEN'S?

Professional Accreditation

The award of the MB BCh BAO degree means that you are eligible to apply for provisional registration with the General Medical Council.

Global Opportunities

Students undertake an Elective module at the start of Year 5. Many students take this opportunity to travel abroad to work in a different medical environment. Students often choose destinations in Australia, India, Canada, and several countries in Africa. In addition, opportunities in year 4 to study in Sweden, Italy, Spain and other European countries are available through the Erasmus program.

Additional Opportunities – Intercalation

Currently about 30% of medical students decide to undertake an intercalated degree during their undergraduate training. Whilst some work towards a BSc (taking a year out of the medical programme between years 2 and 3), others, after completion of year 3 of the medical course, enrol on a taught Master's course. Those presently available within the School include the Master of Public Health (MPH), MPH in Global Health, MSc (Res) in Cancer Medicine, MSc (Res) in Oncology Drug Discovery, MSc in Experimental Medicine, MSc in Bioinformatics and Computational Genomics, MSc in Clinical Anatomy and the MSc in Molecular Pathology of Cancer. There are two additional MSc programmes available for intercalation in the School of Psychology: MSc Applied Developmental Psychology and MSc in Clinical Health Psychology.

World-Class Facilities

Medical students at Queen's have access to excellent teaching facilities and a dedicated medical library. Two of the city's teaching hospitals and several University Research Centres are located close to the University's Health Sciences Campus.

MEDICINE

Internationally Renowned Experts

Many of our former graduates have risen to the top of their fields and include many famous figures – one particularly notable graduate of Queen’s medical school was Professor Frank Pantridge, dubbed the ‘father of emergency medicine’ and inventor of the portable defibrillator.

Student Experience

94% of students were happy with their teaching (National Student Survey(NSS) 2019 joint 4th of UK Medical Schools). Many students are involved in the several medical based societies at Queen’s, including the Belfast Medical Students’ Association (BMSA), Scrubs, Medsin and Students Working Overseas Trust (SWOT). In addition, the University has over 190 clubs and student societies offering the opportunity to medical students to develop their interests and explore new activities.

CAREERS/FURTHER STUDY

At the end of the undergraduate course you will receive your MB BCH BAO degree, which is a Primary Medical Qualification (PMQ). Holding a PMQ entitles you to apply for provisional registration with the GMC. Provisionally registered doctors can only practise in approved Foundation Year 1 posts: the law does not allow provisionally registered doctors to undertake any other type of work.

On successful completion of the first year of this training period you become a fully registered doctor; however, whichever branch of medicine you intend to pursue, you will be required to undertake further training. For example, to enter General Practice you will require a further three years’ training. To become a hospital consultant you may require a further seven years of specialty training. Further information about postgraduate training is available from the GMC website: gmc-uk.org

Career outcomes include:

- Consultant working in a hospital (eg Surgery, General Medicine, Pathology, Biochemistry, Dermatology, Microbiology, ENT, Paediatrics, Obstetrics and Gynaecology, Anaesthetics and Oncology)
- General Practitioner
- Academic Clinician
- Consultant in Public Health Medicine

The NI Medical and Dental Training Agency has close links with the School and provides guidance on careers and the Foundation Programme Application System.

“Queen’s is an incredible university to pursue medicine. The innovative teaching style by the excellent staff along with state-of-the-art facilities truly sculpts students to become safe and good doctors. I am proud to be a student of Queen’s which gives medical students World-Class simulation-based teaching allowing us to apply learned knowledge. I particularly enjoy my clinical attachments which provide opportunities to engage with patients and make me feel part of the healthcare team. I believe the school of medicine instils patient-centred values such as treating patients with utmost respect and integrity at all times. Thank you Queen’s.”

Shivani Rajkumar,
5th Year Medical Student



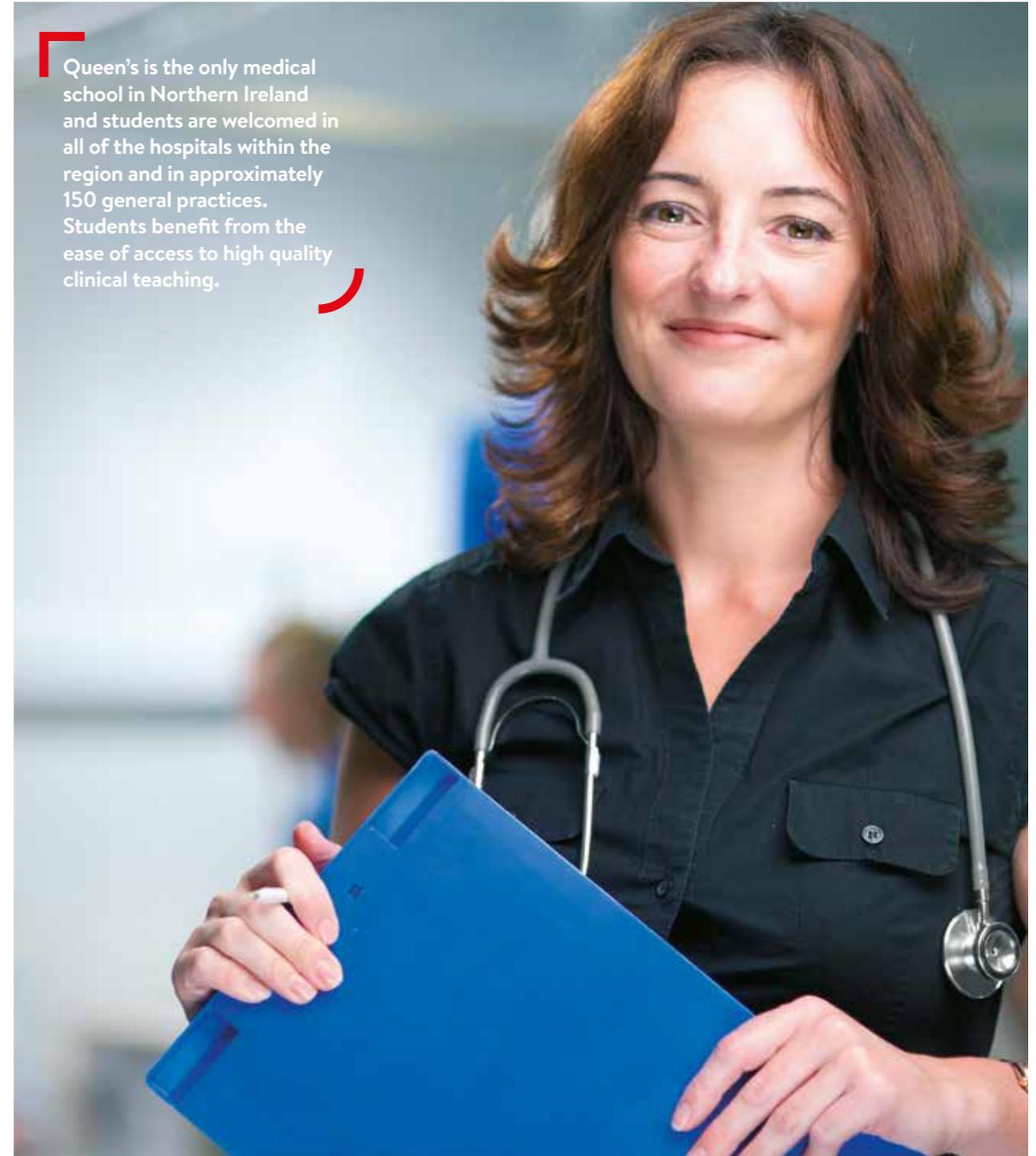
Entrance requirements

e: admissions@qub.ac.uk
t: +44 (0)28 9097 3838

Course information

Centre for Medical Education,
School of Medicine, Dentistry and
Biomedical Sciences
Queen’s University Belfast

e: medicaled@qub.ac.uk
T: +44 (0)28 9097 2450
w: qub.ac.uk/medicine



Queen’s is the only medical school in Northern Ireland and students are welcomed in all of the hospitals within the region and in approximately 150 general practices. Students benefit from the ease of access to high quality clinical teaching.

MICROBIOLOGY

Microbiology is the study of bacteria, fungi, algae, protozoa and viruses, and is of immense importance in relation to the environment, agriculture and food, biomedical sciences and biotechnology.

Graduates in microbiology are therefore highly sought after in these fields. Microbiology is very central to many aspects of the biological sciences, from pure research to diverse industrial, medical and environmental applications.

Microorganisms play major roles in the diseases of man, animals and plants. Microbiologists have been central to their diagnosis and in combating such diseases through the discovery of effective therapies. Microorganisms also play a central role in the biosphere, through global environmental processes and recycling of elements and waste products. In biotechnology and synthetic biology, microbes are also crucial in the manufacture of beverages, pharmaceuticals, biofuels and many other useful products.

COURSE CONTENT

Microbiology provides fundamental training in data analysis, problem solving, teamwork and communication. Microbiologists can use these skills in a wide range of careers in research, medicine, industry, education, business and communications, or as a route to further study.

The modules are:

Stage 1

- Molecular Basis of Life
- Fundamentals of Chemistry (optional)
- Structure, Reactivity and Mechanism in Organic and Bioorganic Chemistry (optional)
- The World of Microorganisms
- Biodiversity (optional)
- Ecology and Environmental Science (optional)

Stage 2

- Experimental Biochemistry (optional)
- Cell Biology 2
- Molecular Genetics and Bioinformatics
- Microorganisms in Action (optional)
- Plant and Rhizosphere Interactions (optional)
- Work Placement (optional)

Work Placement

- Microbiology students can complete a 16-week degree-related work placement
- Microbiology with Professional Studies students will complete a one-year, degree-related work placement

Stage 3

- Industrial Microbiology (optional)
- Medical Microbiology (optional)
- Parasitology
- Zoonoses
- Bacterial Genetics and Genetic Manipulation
- Research Project (BSc programmes only)
- Stage 4 (MSci Students only)
- Research Project

WHY QUEEN'S?

Professional Accreditation

The BSc Microbiology and BSc Microbiology with Professional Studies have been accredited by the Royal Society of Biology following an independent and rigorous assessment. Accredited degree programmes contain a strong academic foundation in biological knowledge and key skills, and prepare graduates to address the needs of employers.

The MSci Microbiology and MSci Microbiology with Professional Studies hold advanced accreditation with the Royal Society of Biology. Advanced Degree Accreditation by the Society recognises academic excellence in the biosciences, and highlights degrees that educate the research and development leaders and innovators of the future.

Work Placement

Work placements on these programmes provide students with the opportunity

BSc Honours

Microbiology 3 yrs (C500)
Microbiology with Professional Studies 4-yr SW (C504)

MSci

Honours Microbiology 4 yrs (C502)
Microbiology with Professional Studies 5-yr SW (C505)

See also Biochemistry, Biological Science, Marine Biology and Zoology

Entrance Requirements

BSc

A-level:

BBB including Biology and at least one from Chemistry (preferred), Geography, Mathematics or Physics + GCSE Chemistry grade B/6 or GCSE Double Award Science grades BB/66 + GCSE Mathematics grade C/4

OR

BBB including Double Award Applied Science or Double Award Life and Health Sciences + GCSE Biology grade C/4 and Chemistry grade B/6 or GCSE Double Award Science grades BB/66 + GCSE Mathematics grade C/4

OR

ABB including Biology + GCSE Chemistry grade B/6 or GCSE Double Award Science grades BB/66 + GCSE Mathematics grade C/4.

MSci

A-level:

AAB including Biology and at least one from Chemistry (preferred), Geography, Mathematics or Physics + GCSE Chemistry grade B/6 or GCSE Double Award Science grades BB/66 + GCSE Mathematics grade C/4

OR

AAB including Double Award Applied Science or Double Award Life and Health Sciences + GCSE Biology grade C/4 and Chemistry grade B/6 or GCSE Double Award Science grades BB/66 + GCSE Mathematics grade C/4

OR

AAA including Biology + GCSE Chemistry grade B/6 or GCSE Double Award Science grades BB/66 + GCSE Mathematics grade C/4.

Note: MSci applicants will automatically be considered for admission to the BSc if they are not eligible for entry to the MSci, both at initial offer-making stage and when results are received.

For students whose first language is not English

An IELTS score of 6.5 with a minimum of 5.5 in each test component or an equivalent acceptable qualification, details of which are available at: go.qub.ac.uk/EnglishLanguageReqs

to utilise the practical skills gained during the teaching of their degree and apply these in a work environment.

Past students have gained work placement with organisations such as Northern Ireland Water Ltd, the Northern Ireland Environment Agency, the Forensic Science Service, the NHS, Norbrook Laboratories, Randox Laboratories, the Almac Group, and Moy Park.

CAREERS/FURTHER STUDY

Microbiology is an interdisciplinary subject with key links to the other Biological Sciences, Biochemistry, Chemistry, Environmental Engineering and Medicine.

Graduates are qualified to take up both scientific and non-scientific careers.

Many job opportunities are available in biomedical, industrial and government organisations, and in universities and colleges of higher education.

These jobs cover innovative research, the development of new products, advisory and consultancy work or teaching. All are aimed at improving the health, environment and economy of countries in both the developed and developing world. In particular, companies and organisations concerned with animal and plant health, food and beverage processing, water quality, environmental management, pharmaceutical products and biotechnology require graduates in microbiology.

Job opportunities exist across a number of areas including:

- **Healthcare:** Microbiologists are essential in the fight against infectious diseases working in hospitals and Health Protection Laboratories. Here they diagnose infections,

monitor treatments, develop vaccines, provide advice or track disease outbreaks.

- **Basic research:** In order to either solve the problems caused by microorganisms or exploit their capabilities fundamental research on their biochemistry and genetics is required. Many microbiologists work in universities and research institutes exploring the detailed workings of microbial cells.
- **Environment:** One of the greatest challenges currently facing society is that of climate change and environmental protection. Microbiologists are key players in the development of waste treatment technologies, recycling processes, pollution warning systems and in the production of green energy.
- **Agriculture:** Pest management is an essential component of modern agricultural practice. Microbiologists have key roles to play in the development of pest control systems and in the diagnosis and treatment of animal pathogens.
- **Business:** Microbiologists work in many bioscience and food companies, carrying out research, developing new products or carrying out quality control of manufacturing processes to ensure the microbiological safety of goods such as medicines, cosmetics, food, drink etc.
- **Outside the lab:** Many trained microbiologists never go on to work in the microbiology field. However, they can use their skills and knowledge to pursue careers in marketing, technical support, regulatory affairs, education, as patent attorneys, and in public relations, journalism and publishing.

Employer Links

The School of Biological Sciences employs a dedicated careers adviser who has developed an extensive portfolio of employers, both nationally and internationally, within the science sector. Advice is also provided on CV preparation, interview techniques and securing summer work or longer placements. Students and graduates have secured placements and jobs with:

- Northern Ireland Water Ltd
- Environment Agency
- Forensic Service
- Moy Park
- Randox Laboratories
- Norbrook Laboratories Ltd
- The Almac Group
- Health Service

Further Study

Further study is also an option open to microbiology graduates. Students can choose from a wide range of Master's programmes as well as a comprehensive list of research topics as shown on the School website.

This course at Queen's offers a unique opportunity for students to study Microbiology in the context of medicine, environmental protection and biotechnology.

94% of Queen's Microbiology students are satisfied with their course, ranking us joint 3rd in the UK.

(National Student Survey 2017)



Advanced Accredited Degree



Accredited Degree

Entrance requirements

e: admissions@qub.ac.uk
t: +44 (0)28 9097 3838

Course information

Dr Jeanette Robertson
Programme Director
School of Biological Sciences

e: biosciences-ug@qub.ac.uk
t: +44 (0)28 9097 5786
w: qub.ac.uk/bb

MIDWIFERY SCIENCES

This three-year degree programme integrates theory and practice, preparing students for an outstanding career in Midwifery. Students will spend 50 per cent of their time in class learning midwifery theory and clinical skills, and 50 per cent of their time with one of our internationally- recognised training partners in a wide variety of clinical and community settings.

Our highly-trained midwifery teaching staff are actively engaged in practice and our personal tutor system for student support is very well regarded.

Midwifery is a rewarding, dynamic and highly skilled profession. This course will equip midwives with the knowledge, skills and attributes to deliver person centred, team-based, safe, effective care in today's fast paced, challenging health service.

COURSE CONTENT

Designed to meet the targets set by the Strategy for Maternity Care in Northern Ireland 2012-2018 and Transforming Your Care, this programme develops all the knowledge, skills and attributes central to practice: woman/family-centred; clinically effective; competent and safe; evidence based; and established on caring and ethical principles. It provides students with direct contact with women, their babies and families in home, hospital and community settings under the supervision and guidance of lecturers and skilled midwives.

Modules are designed to develop the knowledge and skills that students will need to deal with normal midwifery practice and to co-ordinate the care of women experiencing more complex pregnancies.

Stage 1

You will be introduced to professional working alongside foundational knowledge and skills in Midwifery to support you in implementing safe and effective woman centred care.

Stage 2

You will deepen your knowledge of pregnancy and birth, and learn more about the complications that can arise.

Stage 3

Leadership will be a key focus in this final year whilst managing specialist and complex care and supporting women across a range of services. You will have the opportunity to consolidate your learning in practice preparing you to enter the register as a Midwife.

WHY QUEEN'S?

Professional Accreditation

Professional registration with the Nursing and Midwifery Council (NMC 2010).

Simulation Suite

Learn and test your clinical skills through the use of state of the art simulation equipment. Our revolutionary facilities allow our educators to role play scenarios, including ultrasound scanning and simulated birthing. This activity takes place behind a one way mirror and provides the teaching team with the opportunity to observe and monitor the students' responses to the specific scenarios.

Skills Development

Midwives learn to be an integral part of a healthcare team. Within this School, multidisciplinary teams of medical students and midwifery students work together during interprofessional learning scenarios.

BSc Honours

Midwifery Sciences 3 yrs (B720)

See also Professional Nursing

Entrance Requirements

This information is prepared in advance of the academic year to which it relates and the grades stated should be treated as a guide only and entrance requirements are reviewed annually.

Overall academic background will be taken into account when considering applications and additional academic criteria may have to be applied at shortlisting, depending on the volume of applications.

All applicants (except Access/Foundation applicants) must normally have a minimum of 5 GCSEs at grade B to include Mathematics and a Science subject (ie Biology/Human Biology, Chemistry, Physics, Double Award Science or Single Award Science). GCSE or BTEC Applied Science is not acceptable in lieu of GCSE Science. A minimum of a grade C in GCSE English Language or an equivalent qualification acceptable to the University is also required.

Applicants offering Access/Foundation course qualifications must also have a grade B at GCSE in both Mathematics and a Science subject (see above) or an equivalent qualification acceptable to the University. Within an Access programme, 70% in NICATS Mathematics and 70% in a Level 3 Biology or Chemistry or Physics module would fulfil the GCSE Mathematics and Science requirements.

In addition to the GCSE requirements, or equivalent, applicants must offer one of the following qualifications:

A-level:

BCC including a relevant Science (Biology/Human Biology, Chemistry, Life & Health Sciences, Mathematics or Physics)

OR

BBC where a relevant Science subject is not offered.

BTEC Level 3 Extended/National Extended Diploma:

QCF Level 3 BTEC Extended Diploma:

Successful completion (180 credits at Level 3) with 80 credits at Distinction grade and 100 credits at Merit grade.

RQF Level 3 BTEC National Extended Diploma:

Successful completion (1080 guided learning hours – GLH) with at least 420 GLHs at Distinction grade (with a minimum of 240 GLHs in externally assessed units) and 660 GLHs at Merit grade.

Access/Foundation Course:

65% with two modules of Biology or Chemistry or Physics

OR

70% with one module of Biology or Chemistry or Physics

OR

70% in an Access Course with no science modules

BTEC Higher National Diploma:

Successful completion with a minimum of 12 Merits and 4 Passes in individual units.

BTEC Higher National Certificate:

Successful completion with a minimum of a Merit grade in each unit.

Scottish Highers:

BBBCC where a relevant Science subject is offered (see list under A-level requirements)

OR

BBBCC where a relevant Science subject is not offered.

All applicants must have a minimum of 5 Standards at grade 2 or a minimum of 5 Intermediates/National 5 at grade B to include Mathematics and a Science subject. A minimum of a grade 3 in Standard English Language or a grade C in Intermediate/National 5 English Language is also required.

Graduates:

Honours Degree (minimum third class); Ordinary Degree (minimum pass). Graduates must satisfy the GCSE Mathematics and Science requirements as above.

Open University Credits:

A minimum of 120 OU Credits. Must satisfy the GCSE Mathematics and Science requirements as above.

Selection Process:

1. Applicants who satisfy the academic requirements or will be able to do so by 31 August 2020 are shortlisted for interview on the basis of their Personal Statement in their UCAS application. This is scored

against criteria set by the Northern Ireland Practice and Education Council for Nursing and Midwifery (NIPEC)..

2. Interviews normally take place in March and use the Multi-mini Interview format to test value-based skills.

3. Offers are made on the basis of ranked interview scores and are subject to satisfactory Occupational Health Assessment and Criminal Record check(s), in addition to any academic requirements. More detail can be found on the School's website.

For students whose first language is not English:

An IELTS score of 7.0 with a minimum of 7.0 in Speaking, Reading and Listening test components, and a minimum of 6.5 in the Writing test component or an equivalent acceptable qualification, details of which are available at: go.qub.ac.uk/EnglishLanguageReqs



“Great course! I'm in the final year of my degree and I have loved every minute of it! Great support from staff.”

NSS2018

BSc Midwifery Sciences

Queen's is the only university in Northern Ireland offering a degree in Midwifery. Students undertaking our programmes may be eligible to have their fees paid by the Department of Health (DoH), and to receive a bursary.

Global Opportunities

Student exchange programmes enrich your ability to critically compare the diverse delivery of health care and practice from a more global perspective. As globalisation becomes increasingly important, the opportunity to study abroad, and experience another culture is a rewarding and meaningful experience. Final year students have the opportunity to apply for an international elective placement with the guidance and support from International co-ordinators in midwifery.

CAREERS/FURTHER STUDY

Studying for a BSc (Hons) Midwifery Sciences degree at Queen's will assist you in developing the core skills and employment-related experiences that are valued by employers, professional organisations and academic institutions. Graduates from this degree at Queen's are well regarded by employers both nationally and internationally.

The majority of our graduates pursue a career in midwifery which offers a diverse range of post registration opportunities to specialise in areas such as: bereavement counselling; antenatal screening coordination; perinatal mental health; family planning and reproductive sexual health; ultra sound scanning; public health and health promotion; breastfeeding support; neonatology, and education and research.

Further study is also an option open to Midwifery graduates. For taught postgraduate programmes, students can follow the Master's in Advanced Professional Practice. Students can also choose from a comprehensive list of research topics to follow research degree programmes.

Entrance requirements

e: admissions@qub.ac.uk
t: +44 (0)28 9097 3838

Course information

Gail Anderson,
Lead Midwife Education
School of Nursing and Midwifery

e: nursing@qub.ac.uk
t: +44 (0)28 9097 2233
w: qub.ac.uk/nur

MUSIC

The BMus in Music is designed for students who wish to develop a deep understanding of music in the broadest sense whilst honing their specialist skills to professional standards. Staff with international reputations in performance, composition and musicology provide training that enables young musicians to fully exploit their talents. The degree includes studies in musicianship, harmony, music history and a range of associated skills that provide a well-rounded set of transferable skills such as problem-solving, communication and teamwork. This ensures that graduates in music are equally employable in graduate jobs as they are in musical careers.

COURSE CONTENT

The BMus is the broadest and most flexible of our music degrees. Students are introduced to a number of core areas of musical study at Stage 1. At Stages 2 and 3 there is considerable flexibility and freedom for students to choose the areas they would like to specialise in. There are options for specialisation in areas such as; Solo Performance, Composition, Musicology, Recording Practices and Ensemble Performance, along with individual modules in Arts Management, Songwriting and Traditional Irish Music.

Stage 1

Stage 1 consists of five core modules (*) and one optional module. Modules Include:

- Music in History*
- Composing Music*
- Introduction to Music*
- Fundamental Harmony*
- Musicianship*
- Solo Performance
- Ensemble Performance
- Sound Recording and Production
- Being Creative

Stage 2

Stage 2 includes two core modules (*) in analysis and critical writing skills, plus four optional modules. Modules Include:

- Classical Analysis*
- Writing about Music*
- Disco Culture
- Scoring and Arranging
- Popular Music and Culture
- Notation and Transcription
- Introduction to Arts Management

- Music Psychology
- Songwriting
- Sound Design for Screen
- Improvisation
- Sonic Arts
- Sound Recording and Production
- Solo Performance
- Ensemble Performance
- Composition
- Instrument Installation and Design

Stage 3

At Stage 3, students are required to take one core module in a choice of music history subject, plus a wide range of optional modules including:

- Bach and Mozart
- Politics in Popular Song
- Musical Thought and Scholarship
- A Night at the Opera
- Traditional Irish Music
- Film and Music
- Audio Post Production
- Designing Musical Interactions
- Composing for Screen
- Sonic Arts
- Sound Recording and Production
- Single Performance
- Double Performance
- Orchestration
- Composition
- Dissertation/Special Project
- Directed Study
- Professional Practice
- Work Based Learning
- Auditory Perception
- Immersive Media

BMus Honours

Music 3 yrs (W302)

See also Music and Audio Production, Music and Sound Design, Music Performance, and Audio Engineering

Entrance Requirements

A-level:

BBB including A-level Music. Where A-level Music is not offered then A-level grades BBB plus Grade VIII Theory of Music (ABRSM, Trinity-Guildhall or LCM (not Popular Music Theory)) would be acceptable. AS-level Music is not acceptable in lieu of A-level Music.

Further information

If an applicant has successfully completed a Grade VIII Practical Music examination this may be taken into account in August when deciding borderline cases. Applicants should indicate in the 'education' section of the UCAS application if they have, or intend to complete, a Grade VIII Practical examination, specifying the instrument and the awarding body.

For students whose first language is not English

An IELTS score of 6.5 with a minimum of 5.5 in each test component or an equivalent acceptable qualification, details of which are available at: go.qub.ac.uk/EnglishLanguageReqs

WHY QUEEN'S?

World-Class Facilities

The Music Department at Queen's is one of the best equipped in the UK. Our music degrees are housed in two striking buildings: the elegant, historical Music building; and the world-leading Sonic Arts Research Centre (SARC). SARC contains the unique Sonic Lab, a concert hall with variable acoustics and facilities for immersion in 360-degree sound. The Music building houses the Harty Room, a concert hall that is regularly used for public performances. The department also houses state-of-the-art recording studios (for both 'pop' and 'classical' music), plus studios for surround sound and post production. There are also a large number of practice rooms, including three acoustically isolated rooms, and three suites of iMac computers.

Industry Links

The School benefits from strong industry partnerships including BBC NI, Ulster Orchestra, Opera NI, Hard Rain Soloist Ensemble, Cathedral Arts Festival and Moving on Music.

Internationally Renowned Experts

Many of our staff are leading international experts in their fields of research. Additionally, the School employs a number of Industry Fellows, internationally renowned professionals in their fields of composition, performance, songwriting, sound engineering and music production.

Professional Training

The School is an Avid Learning Partner and Avid-accredited courses in Pro Tools for music and audio production are embedded into the curriculum.

Entrance requirements

e: admissions@qub.ac.uk
t: +44 (0)28 9097 3838

Course information

Chris Corrigan
Subject Lead (Music)
School of Arts, English and Languages

e: c.corrigan@qub.ac.uk
t: +44 (0)28 9097 4830
w: qub.ac.uk/ael

Student Experience

Northern Ireland has an exceptional track record for producing outstanding musical talent and has a unique identity within the global music industry. Belfast is the creative hub of the Northern Irish music industry and students on this programme will contribute to the vibrant musical life of both the University and the wider city.

Global Opportunities

Students may opt to spend a semester or a year studying abroad. The School has links with a number of international institutions including Sibelius Academy (University of the Arts Helsinki), University of Groningen, Escola Superior de Música e Artes do Espetáculo do Porto (Instituto Politecnico do Porto), Université Français Rabelais Tours, National and Kapodistrian University of Athens, and Technological Educational Institute of Crete

Work Placements

The Stage 3 Work Placement module is an excellent opportunity for students to gain real-world employment experience. Some of the organisations our students have completed placements with include The Mac, Crescent Arts Centre, Belfast Music Society, Fleming Fulton Special Needs School.



8TH IN THE UK FOR STUDENT SATISFACTION IN MUSIC
(Complete University Guide 2019)

"The teaching I have received here has been amazing. In particular, one-on-one attention to the individual student has been important. Contact with groups such as the Ulster Orchestra, Hard Rain Soloist Ensemble and the Royal String Quartet has proven to be beneficial to my music performance and composition and has pushed me to reach my goal of being a performer one day myself."

Hannah Murray
BMus Music (2017)
MA Arts Management (2018)

At Queen's Junior Music Academy (JAM) there is a Work Placement module option. The module offers in-house training workshops, mentoring, discussions, teaching involvement, concert management, as well as an insight into the complex administration, management and timetabling required in large music schools. This module is beneficial for any student who will at some stage teach instrument lessons (individual or group) as a freelance career option or in a school context.

CAREERS/FURTHER STUDY

The programme prepares students for a wide range of possible career paths and graduates in Music at Queen's have found success throughout the UK and internationally in both musical and non-musical careers including orchestral playing, opera singing, solo artist careers, performance, composition, teaching, media employment and arts administration. Others regularly move into a wide range of graduate employments such as accountancy, banking, publishing and marketing.

Further study, including Master's programmes, is also an option; see the School website for further information.



MUSIC AND AUDIO PRODUCTION

The Music and Audio Production programme is designed for musicians from a wide range of musical backgrounds interested in the production of musical content in both the recording studio and live performance environments.

Students will gain practical knowledge and experience of recording, editing, mixing and mastering music using professional studio facilities. Working alongside leading music industry professionals students will gain additional sound engineering experience in a sound reinforcement context and develop musical practice in composition, general musicianship and (optionally) musical performance.

COURSE CONTENT

At **Stage 1** students develop their musical practice in the areas of composition, critical listening and improvisation in addition to gaining a thorough grounding in sound recording principles and practical experience of audio mixing and sound synthesis. Students also explore the range of musical practices ranging from mass market music to the 'classical' tradition and its contemporary proliferation.

Modules include (*indicates core module):

- Sound Recording and Production*
- Sound Synthesis & Audio Mixing*
- Composing Music*
- Introduction to Music*
- Musicianship*
- Introduction to Film Studies
- Solo Performance
- Ensemble Performance
- Fundamental Harmony
- Music in History
- Being Creative

At **Stage 2** students develop recording and production skills working alongside their peers on the BA Music Performance programme. Students work together to create repertoire suitable for multitrack studio recording and this content is recorded, edited and mixed to broadcast standard. Optional modules are available in areas such as songwriting, sound design, sonic arts, radio production, instrument and installation design, performance or improvisation.

Modules include (*indicates core module)

- Sound Recording and Production*
- Songwriting*
- Live Production Systems*
- The Radio Programme
- Sound Design for Screen
- Music Psychology
- Sonic Arts
- Improvisation
- Introduction to Arts Management
- Instrument and Installation Design
- Solo Performance
- Ensemble Performance
- Composition
- Experimental Popular Musics
- Fame
- Scoring and Arranging
- Interactive Media Production

At **Stage 3** students continue to develop sound recording and production skills focusing on stereo microphone techniques for recording acoustic ensembles. Students can opt to take modules in spatial audio mixing, designing musical interactions, sonic arts, composing for film and television, or undertake a work placement. The programme concludes with the completion of a project focusing on an aspect of professional practice in audio production.

BA Honours

Music and Audio Production 3 yrs (W374)

See also Music (BMus), Music and Sound Design, Music Performance, and Audio Engineering

Entrance Requirements

A-level:

ABB

All applicants:

There are no specific subject requirements to study Music and Audio Production.

For students whose first language is not English

An IELTS score of 6.5 with a minimum of 5.5 in each test component or an equivalent acceptable qualification, details of which are available at: go.qub.ac.uk/EnglishLanguageReqs

Modules include (*indicates core module)

- Sound Recording and Production*
- Politics and Popular Song*
- Professional Practice*
- Audio Post Production
- Designing Musical Interactions
- Film and Music
- Sonic Arts
- Composing for Screen
- Composition
- Work Based Learning
- Orchestration
- Auditory Perception
- Immersive Media
- A Night at the Opera
- Traditional Irish Music
- Dissertation/Special Project
- Directed Study
- Bach and Mozart
- Single/Double Performance

WHY QUEEN'S?

World-Class Facilities

The School is one of the largest and best-equipped institutions in the UK working in the field of music and sound. Students on the BA in Music and Audio Production have access to state-of-the-art audio resources including two dedicated computer suites, 10 sound studios and the world's first Sonic Laboratory – a unique performance space capable of three-dimensional sound projection.

Industry Links

The School benefits from strong industry partnerships including BBC NI, Ulster Orchestra, Opera NI, Hard Rain Soloist Ensemble, Cathedral Arts Festival, Moving on Music, Diatribe Records, DTS and Dolby.

Internationally Renowned Experts

Many of our staff are leading international experts in their fields of research. Additionally, the School employs a number of Industry Fellows – internationally renowned professionals in their fields of composition, performance, songwriting, sound engineering and music production.

Professional Training

The School is an Avid Learning Partner and Avid-accredited courses in Pro Tools for music and audio production are embedded into the curriculum.



Student Experience

Northern Ireland has an exceptional track record for producing outstanding musical talent and has a unique identity within the global music industry. Belfast is the creative hub of the Northern Irish music industry and students on this programme will contribute to the vibrant musical life of both the University and the wider city.

Global Opportunities

Students may opt to spend a semester or a year studying abroad. The School has links with a number of international institutions including Sibelius Academy (University of the Arts Helsinki), University of Groningen, Escola Superior de Música e Artes do Espetáculo do Porto (Instituto Politecnico do Porto), Université Français Rabelais Tours, National and Kapodistrian University of Athens, and Technological Educational Institute of Crete.

Work Placements

The Stage 3 Work Based Learning module is an excellent opportunity for students to gain real-world industry experience. Some of the organisations with which our students have completed placements include The Mac, Crescent Arts Centre, Production House, Start Together Studios, Redbox Recording, Smalltown America Studios, Blast Furnace Studios, Sonic Visuals, Earthmusic, and Glasgowbury Music Hub.

JAM 4 (Junior Academy of Music) Creative Music Technology programme offers Work Placement module for students wishing to gain experience in teaching production, recording, editing and mixing, using the facilities of SARC (Sonic Arts Research Centre). Each year several students are involved as TA to JAM 4, and take it as invaluable opportunity to enrich their degree.

CAREERS/FURTHER STUDY

Companies and institutions currently employing our graduates include the BBC, UTV, Weller Media Agency, Start Together Studios, PSAV, The Mac, Pi Communications, The Nerve Centre, Stevens Institute of Technology and Queen's University Belfast.

Further study, including Master's programmes, is also an option; see the School website for further information.

"I'm a second year BA Music and Audio Production student from South Wales. Moving to Belfast was a huge step for me, but it's a decision I would make again and again in a heartbeat. There's a fab mix of traditional music modules such as musicianship, performance and composition, and more industry and new music modules such as live production systems and sound design for screen."

Lewis Murray
BSc Music and Audio Production Student

Entrance requirements
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Course information
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School of Arts, English and Languages

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MUSIC AND SOUND DESIGN

The Music and Sound Design programme is designed for musicians interested in composing music and designing sound for a wide range of contexts but with particular emphasis on film and theatre. Students will gain practical knowledge and experience of composing in the studio, composing for instrumental forces, songwriting and scoring for picture. Working alongside leading audio professionals students will also learn innovative methods of capturing, synthesising and manipulating sound, enabling the design of sonic environments to accompany picture, stage productions, radio and gaming.

COURSE CONTENT

At **Stage 1** students develop their musical practice in the areas of composition, critical listening and improvisation in addition to gaining a thorough grounding in sound recording principles and practical experience of audio mixing and sound synthesis. Students also explore the range of musical practices ranging from mass market music to the 'classical' tradition and its contemporary proliferation.

Modules Include (*indicates core module)

- Sound Recording and Production*
- Sound Synthesis*
- Audio Mixing*
- Composing Music*
- Introduction to Music*
- Musicianship*
- Introduction to Film Studies
- Solo Performance
- Ensemble Performance
- Fundamental Harmony
- Music in History
- Being Creative

At **Stage 2** students explore the broader field of sonic art and develop skills in sound design for screen including dialogue editing, atmos tracklay, SFX editing, ADR recording and mixing to broadcast specifications. Optional modules are available in areas such as audio production, radio production, instrument and installation design, songwriting or improvisation.

Modules Include (*indicates core module)

- Sound Design for Screen*
- Sonic Arts*
- Scoring and Arranging

- Instrument Installation and Design*
- The Radio Programme
- Live Production Systems
- Music Psychology
- Songwriting
- Sound Recording and Production
- Improvisation
- Solo Performance
- Ensemble Performance
- Composition
- Experimental Popular Musics*
- Scoring and Arranging
- Interactive Media Production

At **Stage 3** students continue to develop skills relevant to sound design and the creation of sonic art. Students can also opt to take modules in spatial audio mixing, designing musical interactions, composing for film and television, audio production, or undertake a work placement. The programme concludes with the completion of a project focusing on an aspect of professional practice in sound design or composition.

Modules Include (*indicates core module)

- Audio Post Production*
- Sonic Arts*
- Film and Music*
- Professional Practice*
- Designing Musical Interactions
- Composing for Screen
- Sound Recording and Production
- Politics and Popular Song
- Composition
- Work Based Learning
- Orchestration
- Immersive Media
- Dissertation/Special Project

BA Honours

Music and Sound Design 3 yrs (W371)

See also Music (BMus), Music and Audio Production, Music Performance, and Audio Engineering

Entrance Requirements

A-level:

ABB

All applicants:

There are no specific subject requirements to study Music and Sound Design.

For students whose first language is not English

An IELTS score of 6.5 with a minimum of 5.5 in each test component or an equivalent acceptable qualification, details of which are available at: go.qub.ac.uk/EnglishLanguageReqs

- Directed Study
- Bach and Mozart
- Single/Double Performance

WHY QUEEN'S?

World-Class Facilities

The School is one of the largest and best-equipped institutions in the UK working in the field of music and sound. Students on the BA in Music and Sound Design have access to state-of-the-art audio resources including two dedicated computer suites, 10 sound studios and the world's first Sonic Laboratory – a unique performance space capable of three-dimensional sound projection.

Industry Links

The School benefits from strong industry partnerships including BBC NI, Ulster Orchestra, Opera NI, Hard Rain Soloist Ensemble, Cathedral Arts Festival, Moving on Music, Diatribe Records and DTS.

Internationally Renowned Experts

Many of our staff are leading international experts in their fields of research. Additionally, the School employs a number of Industry Fellows – internationally renowned professionals in their fields of composition, performance, songwriting, sound engineering and audio production.

Professional Training

The School is an Avid Learning Partner and Avid-accredited courses in Pro Tools for music and audio production are embedded into the curriculum.

Student Experience

Students on the BA Music and Sound Design programme have excellent opportunities to gain real-world production experience through collaborative work with students studying BA Film Studies and Production and BA Broadcast Production.

Global Opportunities

Students may opt to spend a semester or a year studying abroad. The School has links with a number of international institutions including Sibelius Academy (University of the Arts Helsinki), University of Groningen, Escola Superior de Música e Artes do Espetáculo do Porto (Instituto Politécnico do Porto), Université Française Rabelais Tours, National and Kapodistrian University of Athens, and Technological Educational Institute of Crete.



Work Placements

Sound design is a key element of the film, gaming and immersive (VR) industries. The Stage 3 Work Based Learning module is an excellent opportunity for students to gain real-world industry experience. Some of the organisations our students have completed placements with include DTS, The Sound Studio, Lamb Films, Pi Communications, Q Radio, Maverick Renegade Productions, The Soundhouse and The Big Telly Theatre Company.

JAM 4 (Junior Academy of Music) Creative Music Technology programme offers a Work Placement module for students wishing to gain experience in teaching production, recording, editing and mixing, using the facilities of SARC (Sonic Arts Research Centre). Each year several students are involved as TA to JAM 4, and take it as an invaluable opportunity to enrich their degree.

CAREERS/FURTHER STUDY

The programme prepares students for a wide range of possible career paths including sound design for screen, sound design for theatre, broadcasting, audio post production, foley, composition, scoring, interactive system design, education and other areas of the music and audio industries. Companies and institutions currently employing our graduates include the BBC, UTV, YellowMoon Post Production, NI Screen, SNK Studios, The Soundhouse and Queen's University Belfast. Further study, including Master's programmes, is also an option; see the School website for further information.

"The experiences and opportunities I had while at SARC completely changed my perception of what music had to be. I came from a traditional classical music background, and left with experiments in electronic music, from live vocal manipulation to wearable electronic instruments that I'd designed and built myself. The staff weren't afraid to push boundaries, and were more than happy to help along the way. SARC has a great atmosphere of sonic exploration, and I'd recommend it to anyone."

Maeve Mulholland
BSc Music Technology and Sonic Arts

Entrance requirements
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Course information
Chris Corrigan
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School of Arts, English and Languages

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MUSIC PERFORMANCE

The BA in Music Performance is a course that focuses on practice and is aimed primarily at students who wish to pursue a professional career in performance. The degree is distinguished by its inclusive approach and will have broad appeal to musicians who specialise in one or more of a range of performing traditions, including classical, folk, traditional, pop, rock, jazz, singer/songwriter, electronic and experimental. Students gain extensive experience of performing in solo, ensemble and improvised settings in addition to developing skills for performing in the recording studio and the use of technology in performance practice.

Students will have access to world leading facilities and concert spaces, including the Sonic Lab which is housed in the world-renowned SARC facility. Teaching is delivered by a team of dedicated staff with a wide ranging expertise covering music performance, improvisation, composition and audio engineering.

COURSE CONTENT

Stage 1

Stage 1 of the programme consists of four core modules and optional modules. All students receive weekly performance tuition and participate in weekly performance platforms – an open session for peer critique of solo and ensemble performances. Modules include:

- Solo Performance*
- Ensemble Performance*
- Introduction to Music*
- Musicianship*
- Sound Recording and Production
- Sound Synthesis and Audio Mixing
- Composing Music
- Fundamental Harmony
- Music in History
- Being Creative
- Introduction to Film Studies

(* indicates core module)

Stage 2

At Stage 2 students continue to develop solo, ensemble and improvised performance practice through individual tuition, group tuition and performance platforms. Student ensembles work in a recording studio setting to create recordings of newly conceived repertoire. Modules include:

- Solo Performance*
- Ensemble Performance*

- Improvisation*
- Music Psychology
- Songwriting
- Sound Design for Screen
- Introduction to Arts Management
- Sound Recording and Production
- Sonic Arts
- Composition
- Instrument and Installation Design
- Experimental Popular Musics
- Fame
- Live Production Systems

(* indicates core module)

Stage 3

The primary focus at Stage 3 is further refinement of solo performance practice culminating in a double weighted performance recital. All students are also asked to complete a project focusing on an aspect of professional practice in musical performance. Modules include:

- Double Performance*
- Professional Practice*
- Designing Musical Interactions
- Film and Music
- Audio Post Production
- Politics and Popular Song
- Sound Recording and Production
- Composing for Screen
- Sonic Arts
- Composition

BA Honours

Music Performance 3 yrs (W310)

See also Music (BMus), Music and Audio Production, Music and Sound Design, and Audio Engineering

Entrance Requirements

A-level:

ABB plus successful audition.

All applicants:

There are no specific subject requirements to study Music Performance. However, applicants being considered for entry are required to submit a video audition demonstrating a wide ranging ability of their musical performance style.

For students whose first language is not English

An IELTS score of 6.5 with a minimum of 5.5 in each test component or an equivalent acceptable qualification, details of which are available at: go.qub.ac.uk/EnglishLanguageReqs

- Work Based Learning
- Musical Thought and Scholarship
- Auditory Perception
- A Night at the Opera
- Traditional Irish Music
- Orchestration
- Dissertation/Special Project
- Directed Study
- Bach and Mozart

(* indicates core module)

WHY QUEEN'S?

World-Class Facilities

The Music Department is one of the largest and best-equipped institutions in the UK working in the field of music and sound. Students on the BMus in Music have access to state-of-the-art performing and rehearsal spaces that includes two concert spaces that are used for public concerts. The department comprises two buildings: the Music building is a beautiful older building with several stunning teaching spaces; the Sonic Arts Research Centre is a world-leading facility that includes the Sonic Laboratory – a unique performance space capable of three-dimensional sound projection.

Industry Links

The School benefits from strong industry partnerships including BBC NI, Ulster Orchestra, Opera NI, Hard Rain Soloist Ensemble, Cathedral Arts Festival and Moving on Music.

Internationally Renowned Experts

Many of our staff are leading international experts in their fields of research. Additionally, the School employs a number of Industry Fellows, internationally renowned professionals in their fields of composition, performance, songwriting, sound engineering and music production.

Professional Training

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Global Opportunities

Students may opt to spend a semester or a year studying abroad. The School has links with a number of international institutions including Sibelius Academy (University of the Arts Helsinki), University of Groningen, Escola Superior de Música e Artes do Espetáculo

do Porto (Instituto Politecnico do Porto), Université Français Rabelais Tours, National and Kapodistrian University of Athens, and Technological Educational Institute of Crete.

Work Placements

The Stage 3 Work Based Learning module is an excellent opportunity for students to gain real-world employment experience. Some of the organisations our students have completed placements with include: The Mac, Crescent Arts Centre, Belfast Music Society, Fleming Fulton Special Needs School.

At Queen's Junior Music Academy (JAM) there is a Work Placement module option. The module offers in-house training workshops, mentoring, discussions, teaching involvement, concert management, as well as an insight into the complex administration, management and timetabling required in large music schools.



This module is beneficial for any student who will at some stage teach instrument lessons (individual or group) as a freelance career option or in a school context.

CAREERS/FURTHER STUDY

The programme prepares students for a wide range of possible career paths and graduates from Music degrees at Queen's have found success throughout the UK and internationally in both musical and non-musical careers including orchestral playing, opera singing, solo artist careers, performance, composition, teaching, media employment and arts administration.

Further study, including Master's programmes, is also an option; see the School website for further information.

“Studying performance at Queen's gave me the vision and ambition to pursue performance as a viable career path. The music department provided an abundance of coaching opportunities and experiences which were beyond what I could have imagined. Partnerships with the Ulster Orchestra and Hard Rain Soloist Ensemble gave us the unique experience of working with professionals in the industry. The department has excellent funding opportunities. A music degree from Queen's offers great career prospects upon graduation.”

Gerard Mullaly
BMus Graduate

Entrance requirements
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Course information
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School of Arts, English and Languages

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w: qub.ac.uk/aell

PHARMACEUTICAL BIOTECHNOLOGY

The pharmaceutical industry in the UK has a greater impact on the UK economy than any other high-tech industry. Employing 73,000 people, of whom around 27,000 are directly involved in research and development (R&D), the pharmaceutical industry offers graduates a chance to play an important role in the development of new medicines with employment opportunities existing at all stages of the drug development process. The BSc in Pharmaceutical Biotechnology degree is designed to create students who are the next generation of pharmaceutical scientists, able to work in all stages of the drug development process as part of a multi-disciplinary research team.

COURSE CONTENT

During your course of study, you will develop breadth and depth in the skills, knowledge and experiences required for success in your future career. The BSc in Pharmaceutical Biotechnology has been developed by a team of academic experts in consultation with industry and involves a broad syllabus founded on the principles underlying health and disease. It encompasses an understanding of therapeutic targets and the fundamental mechanisms and applications of biomolecules and novel drug delivery systems. It is the application of this knowledge which enables the discovery, development and manufacture of innovative products that have the potential to improve and extend life.

Level 1

The first year of the degree teaches students foundational knowledge and skills in chemistry, maths, physiology and microbiology. This helps students to make the transition from secondary education and prepares them for more complex concepts in levels 2 and 3.

All students take five modules: The first module provides an introduction to pharmaceutical microbiology, including aspects of disinfection and sterilisation, with a second module providing an introduction to the principles of physical and analytical chemistry which are of importance to pharmaceutical systems. The third module

addresses the mathematical and statistical skills that are needed by pharmaceutical scientists to work effectively in the industrial sector, and other related areas.

A chemistry module covers important aspects of organic and bio-organic chemistry, including structure determination, chemical reactivity and the chemical mechanisms involved in making molecules.

Finally, a physiology module covers the principles of general physiology and histology as well as an introduction to systematic pathophysiology.

Level 2

This year provides further development and understanding of the basic/fundamental sciences related to pharmaceutical sciences and pharmaceutical biotechnology.

Students are introduced to medicinal chemistry, analytical techniques and formulation. Further knowledge and practical expertise is developed across several other key subjects, including biochemistry, immunology and molecular biology. This training prepares students both for their placement* and their Level 3 research project.

*In the sandwich programme, the third year will be spent on a work placement in industry, during which you will participate in a real-world project in the working environment for a minimum of 48 weeks.

BSc Honours

Pharmaceutical Biotechnology 3 yrs (B212)

Pharmaceutical Biotechnology (Sandwich) 4 yrs (B213)

See also Pharmaceutical Sciences and Pharmacy

Entrance Requirements

A-level

BBB including Biology and Chemistry + GCSE Mathematics grade C/4

OR

BBB including Biology and at least one from Mathematics or Physics + GCSE Chemistry grade C/4 or GCSE Double Award Science grades CC/44 + GCSE Mathematics grade C/4

OR

BBB including Chemistry and at least one from Mathematics or Physics + GCSE Biology grade C/4 or GCSE Double Award Science grades CC/44 + GCSE Mathematics grade C/4.

For students whose first language is not English

An IELTS score of 6.5 with a minimum of 6.0 in each test component or an equivalent acceptable qualification, details of which are available at: go.qub.ac.uk/EnglishLanguageReqs

Level 3

The final year of the degree covers a range of areas in biotechnology, including therapeutic proteins and molecular and cellular engineering for the development of a range of biotherapeutics, nanomedicines and advanced delivery systems. Students will become familiar with recombinant DNA technology, microarrays, genomics and proteomics. Teaching will also focus on the development of biological approaches to disease treatment and prevention, such as gene therapy and stem cells, highlighting opportunities for precision medicine. In addition, students will develop an understanding of scale up and manufacturing processes, and other industry-relevant skills such as a knowledge of quality control and regulatory affairs.

Students also carry out a research project in Pharmaceutical Biotechnology which provides the students with a valuable opportunity to work within one of our research laboratories.

WHY QUEEN'S?

Global Opportunities

The School of Pharmacy has world-leading academics that are fully engaged with leading industrial partners tackling global

health problems. This programme offers graduates an opportunity to be involved across a range of disciplines in drug product and technology platform development.

Industry Links

Academics teaching on our BSc degree programmes are leading subject experts and work with major multinational pharmaceutical companies. These include GSK, Eli Lilly, Teva, Astra Zeneca, Reckitt Benckiser, Almac, Capsugel, and many others.

World-Class Facilities

The McClay Research Centre for Pharmaceutical Sciences provides extensive state-of-the-art facilities for research, supported by well-equipped pharmaceutical engineering, analytical, molecular biology, advanced microscopy, tissue culture and microbiology laboratories.

Internationally Renowned Experts

The BSc degrees in Pharmaceutical Biotechnology are taught by world leading academics. Research within the School is both fundamental and applied and is supported by a broad range of funders including government, charitable and multi-national industry sources.

CAREERS/FURTHER STUDY

Studying for a BSc in Pharmaceutical Biotechnology degree at Queen's will assist students in developing the core skills and employment-related experiences that are valued by employers, professional organisations and academic institutions.

Placements

Placements provide an opportunity to supplement formal university education with invaluable industrial experience and present an opportunity to form strong links with potential employers. Moreover, this will help students develop vital skills, improve their employability.

Employability

The School of Pharmacy have also introduced a range of other activities to support successful employability post degree. These include industrial visits to local pharmaceutical and biotech companies, employability workshops, writing CVs and job applications, psychometric tests and interview preparation techniques.

Graduate Opportunities

The prospects of employment for a graduate with a BSc in Pharmaceutical Biotechnology degree in the UK are high. Graduates can pursue careers in the Pharmaceutical and Medical devices industry. Opportunities also exist in areas relating to Research and Development, Manufacturing and supply, commercial or support functions. Further information may be found at the Association of the British Pharmaceutical Industry careers website: careers.abpi.org.uk

Further Study

Graduates can choose from a wide range of Master's programmes as well as a comprehensive list of research topics for study at PhD level (PhD); see qub.ac.uk/pha for further information.

Entrance requirements

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Course information

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PHARMACEUTICAL SCIENCES

The pharmaceutical industry in the UK has a greater impact on the UK economy than any other high-tech industry. Employing 73,000 people, of whom around 27,000 are directly involved in research and development (R&D), the pharmaceutical industry offers graduates a chance to play an important role in the development of new medicines with employment opportunities existing at all stages of the drug development process. The BSc in Pharmaceutical Sciences degree is designed to create students who are the next generation of pharmaceutical scientists, able to work in all stages of the drug development process as part of a multi-disciplinary research team.

COURSE CONTENT

The degree has an engaging and dynamic curriculum that deals with the underpinning science of the drug development process, including physical, chemical and biological concepts. Students will encounter innovative and flexible teaching methods and will be provided with a range of work-related learning opportunities (including placement) to equip them with the skills required by employers in industry.

During your course of study, you will develop breadth and depth in the skills, knowledge and experiences required for success in your future career. The BSc has been developed in consultation with pharmaceutical industry representatives and involves a broad syllabus covering the design, evaluation, production, and testing of medicines.

Level 1

The first year of the degree teaches students foundational knowledge and skills in chemistry, maths, physiology and microbiology. This helps students to make the transition from secondary education and prepares them for more complex concepts in levels 2 and 3.

Level 2

The second year introduces formulation and drug-delivery, medicinal chemistry and analytical techniques. Building upon the knowledge and skills from first year, modules cover key concepts and processes which are fundamental to a career in the

pharmaceutical industry. Practical elements help to cement this theoretical knowledge, preparing students for placement* and their Level 3 research project.

*In the sandwich programme, the third year will be spent on a work placement in the pharmaceutical industry, during which you will participate in a real-world project in the working environment for a minimum of 48 weeks.

Level 3

The final year of the degree deals with advanced formulation of small molecules and biosimilars, along with the pharmaceutical analysis of complex systems. During their research project, students are brought into contact with cutting-edge pharmaceutical research conducted by our world-leading academics. Importantly, students will develop an understanding of scale up and manufacturing processes, and other industry-relevant skills such as a knowledge of quality control and regulatory affairs.

The course is structured to spiral upwards in complexity, so that concepts introduced early are picked up again in later modules with greater complexity, in various aspects of pharmaceutical sciences. The integration of chemistry, biology and material science makes this course unique and gives our graduates a holistic view of pharmaceutical science; a highly desirable quality in those seeking a career in the pharmaceutical industry.

BSc Honours

Pharmaceutical Sciences 3 yrs (B210)

Pharmaceutical Sciences
(Sandwich) 4 yrs (B211)

See also Pharmaceutical
Biotechnology and Pharmacy

Entrance Requirements

A-level

BBB including Biology and Chemistry
+ GCSE Mathematics grade C/4

OR

BBB including Biology and at least
one from Mathematics or Physics +
GCSE Chemistry grade C/4 or GCSE
Double Award Science grades CC/44
+ GCSE Mathematics grade C/4

OR

BBB including Chemistry and at least
one from Mathematics or Physics +
GCSE Biology grade C/4 or GCSE
Double Award Science grades CC/44
+ GCSE Mathematics grade C/4.

For students whose first language is not English

An IELTS score of 6.5 with a minimum
of 6.0 in each test component or an
equivalent acceptable qualification,
details of which are available at: go.qub.ac.uk/EnglishLanguageReqs

WHY QUEEN'S?

Global Employability

Graduates are able to work in any aspect of drug product development, and we are offering a global network of industry and research links through our world-leading academics.

Industry Links

The School of Pharmacy has developed close links with a wide variety of industry partners through research and teaching at a local, national and international level. These include GSK, Eli Lilly, Pfizer, Teva, Astra Zeneca, Reckitt Benckiser, Almac, Capsugel, and many others.

World-Class Facilities

The School provides extensive state-of-the-art facilities supported by well-equipped pharmaceutical engineering, analytical, molecular biology, advanced microscopy, tissue culture and microbiology laboratories.

Internationally Renowned Experts

The programme is taught by world leading academics. Research within the School is both fundamental and applied and is supported by a broad range of funders including government, charitable and multi-national industry sources.

CAREERS/FURTHER STUDY

Studying for a BSc in Pharmaceutical Sciences at Queen's will assist students in developing the core skills and employment-related experiences that are valued by employers, professional organisations and academic institutions.

Placements

Placements provide an opportunity to supplement formal University education with invaluable industrial experience and present an opportunity to form strong links with potential employers. Moreover, this will help students develop vital skills and become more aware of the global pharmaceutical community and their connection to it.

Employability

The School of Pharmacy have introduced a range of activities to support successful employability post degree. These include visits to local pharmaceutical industries, employability workshops, courses in writing CVs and job applications, psychometric tests and interview preparation techniques.

Graduate Opportunities

The prospects of employment for a graduate with a BSc in Pharmaceutical Sciences degree in the UK are high. Graduates can pursue careers in the pharmaceutical and medical devices industry. Opportunities also exist in areas relating to R&D, manufacturing and supply, commercial or support functions. Further information may be found at the Association of the British Pharmaceutical Industry careers website: careers.abpi.org.uk

Further Study

Graduates can choose from a wide range of Master's programmes as well as a comprehensive list of research topics for study at PhD level (PhD); see qub.ac.uk/pha for further information.

Entrance requirements

e: admissions@qub.ac.uk
t: +44 (0)28 9097 3838

Course information

Dr Maurice Hall
Director of Education
School of Pharmacy

e: pharmacyinfo@qub.ac.uk
t: +44 (0)28 9097 2086
w: qub.ac.uk/pha



PHARMACY

The MPharm degree is designed to help students become experts in medicines with the skills to work effectively with patients and the multidisciplinary healthcare team.

COURSE CONTENT

The course integrates the chemical, and biological sciences with the discovery, design, evaluation and production of medicines and their clinical application to all areas of practice. A variety of placements and simulated learning with multidisciplinary teams help students develop the knowledge and skills to be a valued and effective member of the healthcare team.

The modules are:

Stage 1

- Structure, Reactivity and Mechanism in Organic and Biorganic Chemistry
- Practising as a Pharmacist
- Physiology for Pharmacy
- Pharmaceutical Microbiology
- Physical Pharmaceutics

Stage 2

- Pharmaceutical Technology
- Applied Clinical Pharmacology and Therapeutics
- Medicinal Substances

Stage 3

- Drug Design/Pharmaceutical Analysis
- Advanced Delivery Systems for Large and Small Molecules
- Clinical Therapeutics
- Pharmacy Practice

Stage 4

- Research Project
- Pharmacy Practice Responding to Symptoms
- Advanced Pharmaceutical Care
- Business Government and Industry
- Advancement of Practice Through Evidence

The Pharmacy degree programme at Queen's is ranked 2nd in the UK.

(Times and Sunday Times Good University Guide 2020)

WHY QUEEN'S?

Professional Accreditation

The degree is accredited by the General Pharmaceutical Council (GPhC) in Great Britain and the Pharmaceutical Society of Northern Ireland (PSNI), as the relevant regulators.

Industry Links

The School's Stakeholder Group of Employers directly informs the development of the course. The School of Pharmacy has also developed close links with a wide variety of industry partners through research and teaching at a local, national and international level. Students are taught by practising pharmacists from the community, primary care and hospital setting and the School's Careers Liaison Officer ensures that students are aware of all career opportunities and prepared for application and interview processes.

Career Development

A feature of this MPharm is an increasing experience of the clinical environment through inclusion of clinical placements in both community and hospital settings.

World-Class Facilities

The School of Pharmacy at Queen's is acknowledged as a leading centre for Pharmacy teaching and research in the UK.

At Queen's we believe in providing students with as authentic a learning experience and environment as possible. Our recently renovated Pharmacy Practice Unit consists of everything you would find in a contemporary community pharmacy. Students are also taught clinical skills in a range of simulated healthcare settings. In addition we have world leading research laboratories with the best technology in the industry.

MPharm

Pharmacy 4 yrs (B230)

See also Pharmaceutical Sciences and Pharmaceutical Biotechnology

Entrance Requirements

A-level:

AAB including A-level Chemistry and at least one other A-level from Biology, Mathematics or Physics + GCSE Biology grade C/4 or GCSE Double Award Science grades CC/44 + GCSE Mathematics grade C/4.

Note: Biology to at least AS preferred. Please note that only one Mathematics subject will be counted at A-level. A-level Critical Thinking and General Studies are not acceptable.

Graduates:

A minimum of an Upper Second Class Honours degree preferably in a relevant subject. Those with an Upper Second Class Honours degree in a non-relevant subject may be considered if they have the appropriate science background at GCSE and A-level. Shortlisted applicants will be required to attend an interview as part of the selection process.

All Applicants

• As a result of current legislative requirements any offer made will be conditional on a satisfactory criminal history check (Access NI Enhanced Disclosure Check). To enable the University to request this check you will be required to provide some personal information which will be treated in the strictest of confidence and in line with Data Protection Principles. The current cost of an Enhanced Disclosure Check is £33. At the time of printing changes are due to be implemented and relevant procedures and/or costs may change. Applicants will be advised of the relevant requirements at the appropriate time. For international students, a Certificate of Good Conduct or equivalent will be required in lieu of an Access NI check.

• The degree is subject to the University's regulations on Fitness to Practise.

• Applicants will be required to give permission for a check against the Excluded Student Database prior to offers being made. This is a national database which records those who have previously been excluded from professional programmes.

For students whose first language is not English

An IELTS score of 6.5 with a minimum of 6.0 in each test component or an equivalent acceptable qualification, details of which are available at: go.qub.ac.uk/EnglishLanguageReqs

CAREERS/FURTHER STUDY

The MPharm course at Queen's is accredited by the General Pharmaceutical Society (GPhC) and the Pharmaceutical Society of Northern Ireland (PSNI). To become a pharmacist in the UK, you will need to complete a four year MPharm degree, a year of preregistration training in the UK and pass an entrance exam set by the GPhC and the PSNI.

Our graduates typically pursue careers in three main employment sectors, namely, community pharmacy and primary care, hospital pharmacy and the pharmaceutical industry; however, graduates can develop careers in a range of other sectors. Examples of the major career sectors that have attracted our graduates in recent years:

- Hospital pharmacy
- Community pharmacy and primary care
- Scientific publishing
- Industrial pharmacy
- Academic pharmacy

- Varied graduate programmes (Times Top 100 Graduate Recruiters/AGR, Association of Graduate Recruiters UK)

Further information regarding careers in pharmacy may be obtained from the Royal Pharmaceutical Society.

Consultations

We regularly consult and develop links with a large number of employers including, for example, multinational and independent pharmacies, trusts and GP Federations who provide placements for students and who contribute to the undergraduate teaching on the MPharm and who are members of the stakeholders panel for the course.

Further Study

Further study is also an option open to MPharm graduates. Students can choose from a wide range of Master's programmes as well as a comprehensive list of research topics.

"The best thing about being a student here is the number of opportunities that enable me to meet a vast range of individuals whom I will never get to meet in my home country."

Kar wen Lee, Malaysia, MPharm

Entrance requirements

e: admissions@qub.ac.uk
t: +44 (0)28 9097 3838

Course information

Dr Sharon Haughey
Director of Education
School of Pharmacy

e: pharmacyinfo@qub.ac.uk
t: +44 (0)28 9097 2086
w: qub.ac.uk/pha



PHILOSOPHY

During your degree, you will learn about cutting-edge debates in core areas of philosophy such as ethics, metaphysics, theory of knowledge and political philosophy, as well as studying some of the key thinkers in the history of philosophy, such as Plato, Aristotle, Descartes, Hume, Mill and Marx. You will also develop your skills in reasoning and argumentation by studying formal logic and critical thinking.

COURSE CONTENT

The degree programme does not presuppose any prior training in Philosophy and can profitably be taken by those who have studied the subject at school – as well as those who have not.

Year 1

Students choose six modules from a range of introductory modules including the following:

- Introductory Logic
- Perspectives on Politics
- Philosophy and Human Nature
- Philosophy and the Good Life

Year 2

Students choose six modules that explore the wide range of major debates and inquiry in Philosophy, exploring questions that range from how to understand the mind, to how 'reality' might be understood, to key political theories about how we live as a society. Examples include:

- History of Philosophy
- Knowledge and Reality
- Mind and Language
- Modern Political Thought
- Moral Theories
- Philosophy of Science

Year 3

In the final year, students focus on particular areas of specialisation that build on their studies in years 1 and 2. Students will write a dissertation (double-weighted) and choose four modules. Examples of options include:

- Applied Ethics
- Contemporary Critical Theory
- Philosophical Theology
- Philosophy for Children
- Issues in the Philosophy of Science
- Topics in Epistemology
- Dissertation

Note: this is not an exclusive list and these options are subject to staff availability.

WHY QUEEN'S?

Global Opportunities

Students have the opportunity to spend part of the course studying in other European universities through our Erasmus programme, and also in the USA.

Internationally Renowned Experts

Queen's Philosophy department has particular strengths in analytic philosophy. Our Faculty work on cutting-edge topics in applied ethics and political philosophy. We have an international reputation for our research in the philosophy of religion, epistemology, and the philosophy of science.

World-Class Facilities

- The Senator George J. Mitchell Institute for Global Peace, Security and Justice
- Institute of Cognition and Culture
- Institute of Irish Studies
- Two International Summer Schools (Irish Studies Summer School; and Conflict Transformation and Social Justice Summer School)

Student Experience

There is an active, student-run Philosophy Society and the department is also the home of the Belfast branch of the Royal Institute of Philosophy, which organises regular talks and seminars by distinguished visiting philosophers.

CAREERS/FURTHER STUDY

• Skills to Enhance Employability

Queen's takes the employability of its students very seriously. Tailored careers advice and study guidance are available to all students throughout their time at Queen's.

BA Single Honours

Philosophy 3 yrs (V500)

BA Joint Honours

English and Philosophy 3 yrs (QV35)

History and Philosophy 3 yrs (VV1M)

Philosophy and Politics 3 yrs (VLM2)

See also Politics, Philosophy and Economics

Entrance Requirements

A-level:

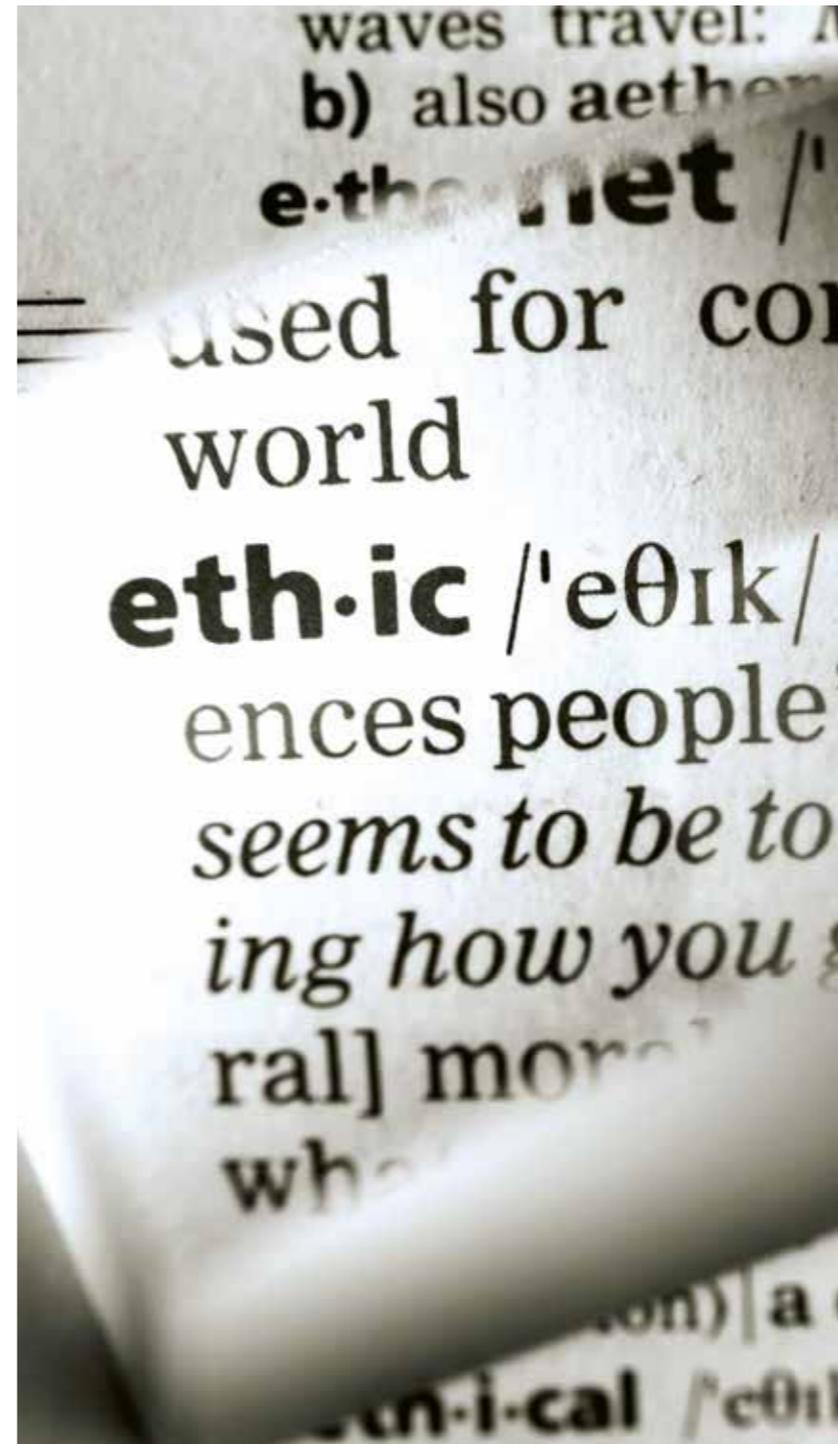
ABB

All applicants:

There are no specific subject requirements to study Philosophy, however, if you plan to study Philosophy as a Joint Honours degree you should refer to the subject requirements for the other course.

For students whose first language is not English

An IELTS score of 6.5 with a minimum of 5.5 in each test component or an equivalent acceptable qualification, details of which are available at: go.qub.ac.uk/EnglishLanguageReqs



Close Links with Employers

The School has an active Employers' Forum that is used to forge links with national and international employers. Queen's philosophy graduates go on to an unlimited range of occupations in the public and private sectors, including the Civil Service, local government, the media, policy analysis, the voluntary sector, teaching, journalism, business, marketing and advertising. Career destinations of our students have included the BBC, the Diplomatic Service, the NHS, International House, RPS Belfast and the Belfast Education and Library Board.

Further Study

For those wishing to pursue further study after their first degree, the School provides MPhil Master of Philosophy and PhD Doctor of Philosophy options; see the School website for further information.

"To anyone considering studying Philosophy at Queen's I would wholeheartedly recommend it. Having the opportunity to study with lecturers who are not only respected in their field but also enthusiastic about teaching really does make for a fantastic and rewarding experience. The whole Faculty has a unique atmosphere where both students and staff have a genuine passion for the subject which makes for a great university experience. If you're on the fence at all bite the bullet and go for it!"

Craig Henderson
BA Philosophy Graduate

Entrance requirements

e: admissions@qub.ac.uk
t: +44 (0)28 9097 3838

Course information

School of History, Anthropology,
Philosophy and Politics

e: happ@qub.ac.uk
t: +44 (0)28 9097 5028
w: qub.ac.uk/happ

PHILOSOPHY AND POLITICS

This programme is designed to provide students with an intellectual training in the disciplines of Philosophy and Politics which, while discrete subjects, are complementary and mutually enriching. The combination of Philosophy and Politics allows for the development of an in-depth appreciation of the ideas that help to explain the foundations of the modern world, democracy and political stability.

COURSE CONTENT

PHILOSOPHY

The degree programme does not presuppose any prior training in Philosophy and can profitably be taken by those who have studied the subject at school – as well as those who have not.

Year 1

Students choose six modules from a range of introductory modules including the following:

- Introductory Logic
- Perspectives on Politics
- Philosophy and Human Nature
- Philosophy and the Good Life

Year 2

Students choose six modules that explore the wide range of major debates and inquiry in Philosophy, exploring questions that range from how to understand the mind, to how 'reality' might be understood, to key political theories about how we live as a society. Examples include:

- History of Philosophy
- Knowledge and Reality
- Mind and Language
- Modern Political Thought
- Moral Theories
- Philosophy of Science

Year 3

In the final year, students focus on particular areas of specialisation that build on their studies in years 1 and 2. Students will write a dissertation (double-weighted) and choose four modules. Examples of options include:

- Applied Ethics
- Contemporary Critical Theory
- Philosophical Theology
- Philosophy for Children
- Issues in the Philosophy of Science
- Topics in Epistemology
- Dissertation

POLITICS

Students who intend to study Politics at Levels 2 and 3 must choose between two and five of the introductory modules available in the first year.

Year 1

- Comparative Politics
- Contemporary Europe
- Issues in Contemporary Politics
- Perspectives on Politics
- World Politics: Conflict and Peace

Year 2

In their second year, students focus on the political, economic and social transformations of the 20th century and beyond, and will be able to advance their conceptual understanding of the field of politics and international relations by studying modules such as:

- American Politics
- British Politics In Crisis?
- International Organisations
- Modern Political Thought
- Politics and Policies of the European Union
- Security and Terrorism
- Studying Politics
- The Politics of Deeply Divided Societies

BA Joint Honours

Philosophy and Politics 3 yrs (VLM2)

See also Politics, and Politics, Philosophy and Economics (PPE)

Entrance Requirements

A-level:

ABB

All applicants:

There are no specific subject requirements to study Philosophy and Politics.

For students whose first language is not English

An IELTS score of 6.5 with a minimum of 5.5 in each test component or an equivalent acceptable qualification, details of which are available at: go.qub.ac.uk/EnglishLanguageReqs

Year 3

In the final year, students can select more specific areas and specialist-based modules on, for example, the Middle East, US foreign policy, migration, the Far Right, political extremism, politics of the global economy, and modules on identity politics, international ethics, war and visual culture, conflict and conflict resolution.

- Arms Control
- Asylum and Migration in Global Politics
- Contemporary Critical Theory
- Contemporary Political Philosophy
- Ethics, Power and International Politics
- Global Resource Politics
- Middle Eastern Politics
- National and Ethnic Minorities in European Politics
- Northern Ireland: A Case Study
- Political Parties and Elections in Northern Ireland
- Challenges to Contemporary Party Politics
- Politics, Public Administration and Policymaking
- Scotland and Northern Ireland: Points of Political Comparison
- Security and Technology



- The Far Right in Western Europe and North America
- The Politics of Irish Literature
- Earth, Energy, Ethics and Economy: The Politics of Unsustainability
- Theories of Global Justice
- US Foreign Policy
- War and Visual Culture
- Women and Politics
- Internship
- The Placement
- Dissertation

Note: that this is not an exclusive list and these options are subject to staff availability.

WHY QUEEN'S?

Global Opportunities

Students have the opportunity to spend part of the course studying in other European universities, through our Erasmus programme, and also in the USA and Canada.

Industry Links

Internship: students in their final year have the opportunity to secure a semester-long internship, giving them hands-on experience of political issues and policymaking.

“At Queen’s important and fascinating research was being done which effected every part of my experience. The content of my course was relevant, interesting and was taught passionately.”

Elizabeth-Jayne Lambley
BA Philosophy and Politics Graduate

Placement: students have the opportunity in the final year to undertake a part-time placement within a local organisation to gain direct experience of policy-making and political decision-making.

Research-led Teaching: Queen’s Philosophy department has particular strengths in analytic philosophy. Our Faculty work on cutting-edge topics in applied ethics and political philosophy.

Student experience: we have active student societies for both Politics and Philosophy in the School. We are home to the Belfast branch of the Royal Institute of Philosophy, which organises regular talks and seminars by distinguished visiting philosophers.

CAREERS/FURTHER STUDY

A degree in Politics and Philosophy provides a stimulating programme of study and intellectual training useful in many walks of life and future career paths. Graduates are equipped with the necessary attributes for graduate employment or postgraduate education and training, and are able to make a difference in whatever future career they choose.

Close Links with Employers

The School has an active Employers’ Forum that is used to forge links with national and international employers. Graduates go on to an unlimited range of occupations in the public and private sectors – career destinations of our students have included the BBC, the Diplomatic Service, the NHS, International House, Civil Service and major banks.

Further Study

For those wishing to pursue further study after their first degree, the School provides a range of MA programmes, each of which can be taken either full-time (one year) or part-time (two years). There are also opportunities to do an MPhil or PhD by thesis; see the School website for information.

Entrance requirements

e: admissions@qub.ac.uk
t: +44 (0)28 9097 3838

Course information

School of History, Anthropology, Philosophy and Politics

e: happ@qub.ac.uk
t: +44 (0)28 9097 5028
w: qub.ac.uk/happ

PHYSICS

Physics studies how our Universe works, from the smallest atomic nucleus to the largest galaxy. It includes areas such as quantum theory, relativity and particle physics, and lies at the heart of most modern technology - for example the computer and the laser.

Our BSc degree is aimed at students who wish to continue their exploration of physics beyond school, and apply their knowledge to our physics-based world of the 21st century. The coming world of holographic displays and quantum cryptography requires the physics taught here.

COURSE CONTENT

The course unit details given below are subject to change, and are the latest example of the curriculum available on this course of study.

Stage 1

In their first year students study a core of experimental, theoretical and computational physics, alongside applied mathematics. Students take all modules, topics include:

- Classical Mechanics
- Electromagnetism
- Light and Optics
- Quantum Theory
- Relativity
- Solid State Physics
- Thermal Physics

Practical work will be performed in our new state-of-the-art teaching centre laboratories. Here students will encounter the physical phenomena learned about in their lectures, as well as computer programming.



Tutorials, based around the lecture courses, give experience in problem-solving and verbal and written communication. Within the course students will receive basic skills training in writing, presentations and personal/career development.

Stages 2

Students take 6 compulsory modules

- Astrophysics I
- Atomic and Nuclear Physics
- Quantum & Statistical Physics
- Optics, Electricity and Magnetism
- Physics of the Solid State
- Mathematical Physics

Stages 3

- Astrophysics II
- Advanced Electromagnetism and Optics
- Nuclear and Particle Physics
- Physics in Medicine
- Quantum Mechanics and Relativity
- Advanced Solid State Physics
- Professional Skills

BSc Honours

Applied Mathematics and Physics 3 yrs (GF13) (see *Mathematical Studies*)

Physics 3 yrs (F300)

Physics with Astrophysics 3 yrs (F3F5)

Physics with French 4 yrs

Physics with Medical Applications 3 yrs (F3B9)

Physics with Spanish 4 yrs

Theoretical Physics 3 yrs (F340) (see *Mathematical Studies*)

MSci Honours

Applied Mathematics and Physics 4 yrs (GFC3) (see *Mathematical Studies*)

Physics 4 yrs (F303)

Physics with Astrophysics 4 yrs (F3FM)

Physics with French 5 yrs

Physics with Medical Applications 4 yrs (F3BX)

Physics with Spanish 5 yrs

Theoretical Physics 4 yrs (F344) (see *Mathematical Studies*)

Entrance Requirements

BSc Options

Applied Mathematics and Physics / Theoretical Physics

A-level:

AAB including Mathematics grade A and Physics grade B

OR

A*BB including Mathematics grade A* and Physics grade B

Physics with French/Spanish

A-level:

ABB including Mathematics and Physics
*For French option: A-level French grade B
*For Spanish option: A-level Spanish grade B

Physics / Physics with Astrophysics / Physics with Medical Applications

A-level:

ABB including Mathematics and Physics

MSci Options

Applied Mathematics and Physics / Theoretical Physics

A-level:

AAA including Mathematics and Physics

OR

A*AB including Mathematics grade A* and Physics grade B

Physics with French/Spanish

A-level:

AAA including Mathematics and Physics

OR

A*AB including Mathematics and Physics
*For French option: A-level French grade B
*For Spanish option: A-level Spanish grade B

Physics / Physics with Astrophysics / Physics with Medical Applications

A-level:

AAA including Mathematics and Physics

OR

A*AB including Mathematics and Physics

For students whose first language is not English

An IELTS score of 6.0 with a minimum of 5.5 in each test component or an equivalent acceptable qualification, details of which are available at: go.qub.ac.uk/EnglishLanguageReqs

Project work entails a major experimental or computational investigation of a particular physics problem. This is undertaken using state-of-the-art equipment installed in the School's new Teaching Centre. This includes projects on ultrasound, MRI and X-ray imaging, gamma ray spectroscopy, lasers, atomic force and scanning tunnelling microscopy, nano-material fabrication and characterisation, and astronomical observations.

MSci (Master in Science)

These four-year degrees are aimed at the more able and committed students who intend to practise the profession of physics in research and development, in industry or academia, at the highest level.

Single Honours MSci options are available in Physics, Physics with Medical Applications, Physics with Astrophysics, Physics with Extended Studies in Europe and Theoretical Physics. A Joint Honours MSci option is also available in Applied Mathematics and Physics.

Transfer from the three-year BSc degree to the MSci is permitted up to the end of Stage 2. Students who successfully complete the four-year MSci qualify for the degree of MSci (Hons) in the relevant option.

Stages 1 and 2 are identical to those for the BSc degree.

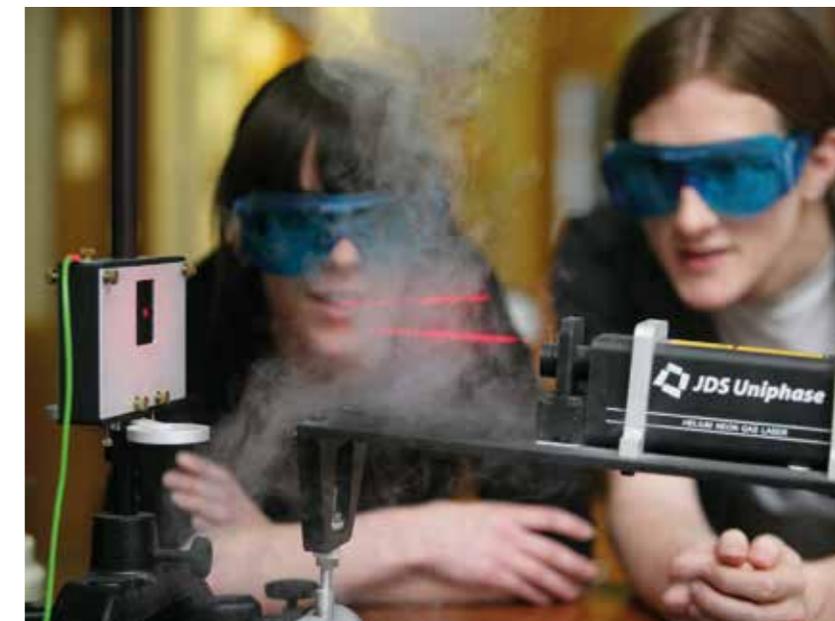
At Stage 3, MSci students also have the opportunity to undertake a Computational project module, which will introduce them to numerical simulations that are fundamental to all areas of physics today.

At Stage 4, specialist modules are available, broadly reflecting research interests of those teaching in the Department. These modules include:

- Cosmology
- High-Energy Astrophysics
- Laser Physics
- Medical Radiation Research Methods
- Molecular Physics
- Planetary Systems
- Plasma Physics
- The Physics of Nanomaterials
- Ultrafast Science

Also in this year, a major project is carried out in association with one of these research areas, with the student working within world-leading research groups. Through this project students gain an intensive insight into modern scientific research.

Students can also undertake projects with an outside organisation or company provided the research is approved by the Director of Education. Some projects may result in publications in national and international scientific journals.



PHYSICS

WHY QUEEN'S?

Accreditation: Our Physics degrees are fully accredited by the Institute of Physics, which puts graduating students on the path to becoming a Chartered Physicist. The exception is the Applied Mathematics and Physics degree which is recognised by the Institute but can also be fully accredited depending on module choices at Stage 2 and above.

Study Abroad:

Physics with Extended Studies in Europe includes a year spent studying abroad.

Scholarships and Bursaries:

Students in the School can benefit from scholarships and bursaries provided by the University and by external companies; see the University website for further information.

“I just loved the way Physics was part of everyday life as well as the weird and the wonderful. One day you would learn about holograms, the next day about quarks!”

Barbara Hamill,
Physics Graduate
Ophthalmic Photograder in Centre for
Experimental Medicine at Queen's

CAREERS/FURTHER STUDY

Physics-related jobs are available in research, development, and general production in many high technology and related industries. These include medicine, biotechnology, electronics, optics, aerospace, computation and nuclear technology. Physics graduates are also sought after for many other jobs, such as business consultancy, finance, business, insurance, taxation and accountancy, where their problem-solving skills and numeracy are highly valued.

About half of our students go on to further study after graduation. Some physics graduates take up careers in education, while a number are accepted for a PhD programme in Physics, which can enhance employment prospects or provide a path to a research physicist position.

“Crystal physics and medical physics were very interesting, and PAMSOC (the Physics and Applied Maths Society) was fun too!”

Suzanna McVeigh,
Statistician
BSc Physics with Astrophysics Graduate

“Physics teaching at Queen's is strongly influenced by current research methods and discoveries. Our students see how fundamental concepts link to recent advances such as the discovery of the Higgs boson, or how the detection of gravity waves could be used to probe massive supernova explosions. Coupled with their experimental and computational skills, our students are trained to effectively apply and communicate their knowledge and insight in a range of scientific and other careers.”

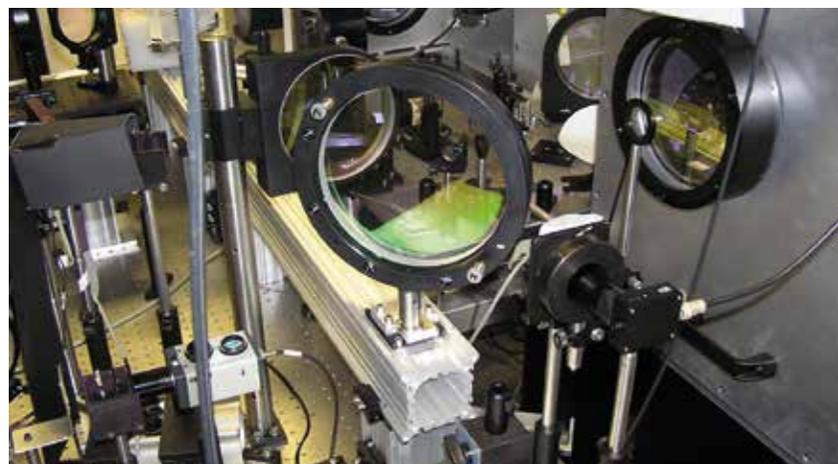
Dr Jason Greenwood,
Physics Director of Education

“Physics allows us to write with a piece of chalk on a blackboard the very structure of the universe and the shape of it. I mean... What's not to love?”

Dara O'Briain

“I enjoyed learning about the fundamental laws that govern the world.”

David Mulholland,
Belfast, Northern Ireland
MSci Graduate, Postdoctoral Researcher
at University of Reading



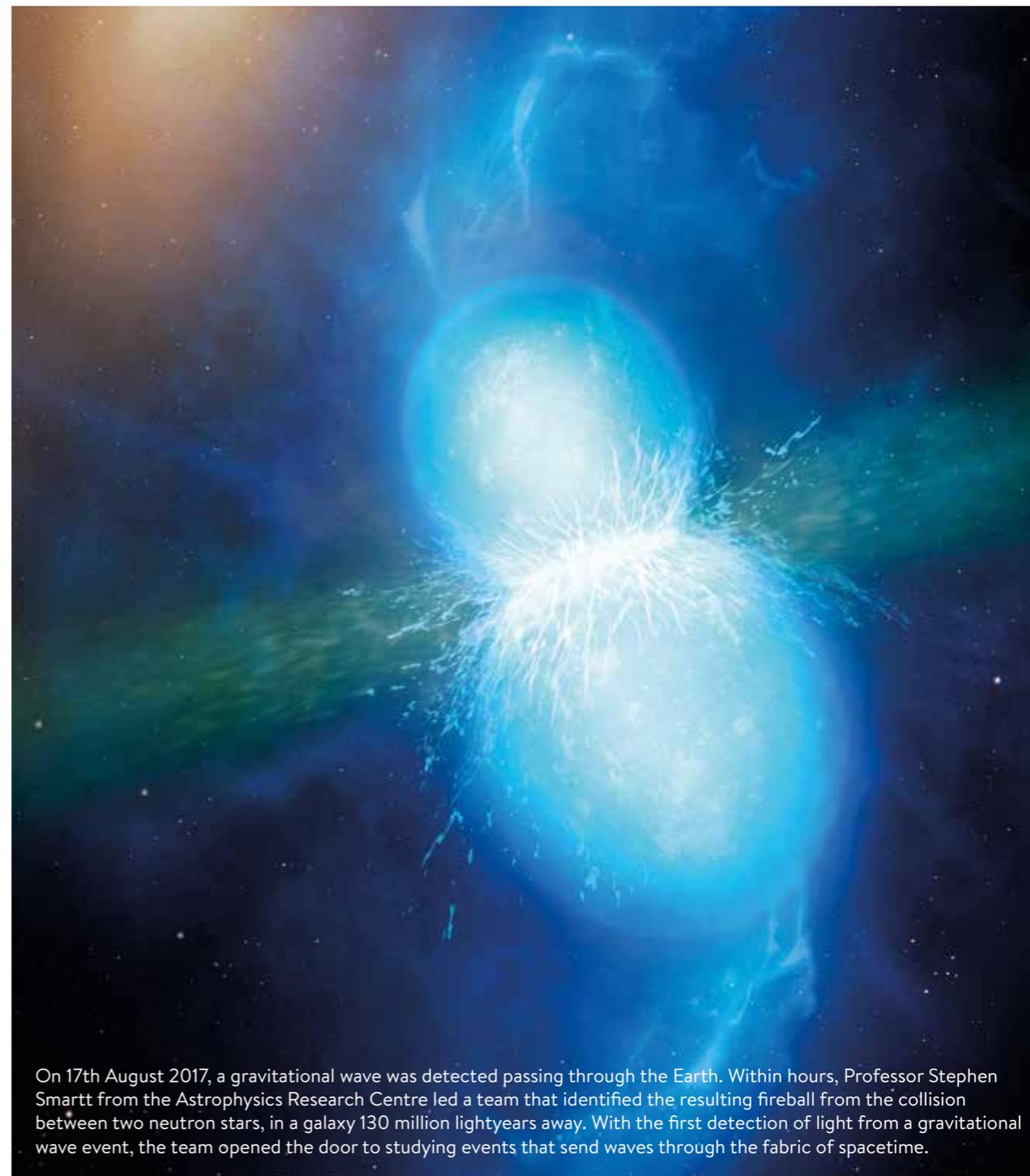
Entrance requirements

e: admissions@qub.ac.uk
t: +44 (0)28 9097 3838

Course information

Physics Admissions
School of Mathematics and Physics

e: mpts@qub.ac.uk
t: +44 (0)28 9097 3517
w: qub.ac.uk/mp



On 17th August 2017, a gravitational wave was detected passing through the Earth. Within hours, Professor Stephen Smartt from the Astrophysics Research Centre led a team that identified the resulting fireball from the collision between two neutron stars, in a galaxy 130 million lightyears away. With the first detection of light from a gravitational wave event, the team opened the door to studying events that send waves through the fabric of spacetime.

PLANNING, ENVIRONMENT AND DEVELOPMENT

Planning is about changing the places within which we live – how we can transform and improve our cities, towns, villages, neighbourhoods and communities. It affects our everyday lives and is an extremely exciting discipline to study at university.

A planning degree provides students with the knowledge and skills to be able to make decisions that shape the processes of growth and development. We currently face many major challenges – attracting investment, creating jobs, protecting the environment, energy policy, housing supply, transport links, providing local amenities – and planning affects how these things happen. Therefore, as future planners you will have a very important role to play in shaping the future.

Planning is a broad subject matter and planners perform many different roles relating to the natural, physical, economic, social and cultural environments that we live in. Given this, planning offers a wide spectrum of employment opportunities. Studying planning will equip you with the knowledge to understand how cities, towns, villages, communities and neighbourhoods function and operate, and then have the skills to make decisions that shape how they grow and prosper.

COURSE CONTENT

The aim of this degree is to develop the professional skills necessary to work in the broad field of planning practice and development management. Graduates will have the skills to enable them to participate in the design and development of the built environment, and a range of other related professions.

In providing an accredited pathway to the planning profession (worldwide), the degree develops knowledge on a wide range of themes such as the economic, social and political context within which planning operates. Furthermore, a range of transferable skills, such as mediation, advocacy, communication and IT skills, are developed which can be applied in a range of international careers.

Level 1

Level 1 assumes no prior knowledge of planning and provides an overall introduction to the key issues, processes and professional skills required for planning practice, plus the history and evolution of planning as a profession and academic discipline. This includes projects that promote group working, oral presentations, academic writing, design skills and the use of specialist software.

The themes you will study during Stage 2 include:

- Site Layout and Design 2
- Theory and Practice of Development Management
- Planning Theory and Society
- Planning and Climate Change
- Economy and Space
- Theory and Practice of Spatial Planning Policy

BSc Honours

Planning, Environment and Development 3 yrs (K430)

Entrance Requirements

A-level:

ABB + GCSE Mathematics grade C/4

BTEC Extended Diploma:

A BTEC Extended Diploma with 120 credits at Distinction and 60 credits at Merit + GCSE Mathematics grade C/4

For students whose first language is not English

An IELTS score of 6.5 with a minimum of 5.5 in each test component or an equivalent acceptable qualification, details of which are available at:

go.qub.ac.uk/EnglishLanguageReqs

Level 2

provides a more detailed appreciation of planning, with modules examining topics such as economics, sustainable development and planning theory. It includes two key projects, one that develops skills in spatial planning policy, and another that promotes understanding of the development control process. Students are also given an opportunity to further develop skills in design issues and are introduced to the social aspects of planning activity.

The themes you will study during Stage 2 include:

- Site Layout and Design 2
- Theory and Practice of Development Management
- Planning Theory and Society
- Planning and Climate Change
- Economy and Space
- Theory and Practice of Spatial Planning Policy

Level 3

Level 3 develops a greater theoretical understanding of planning. In the first semester students will study, in depth, some of the key and cutting-edge planning issues and debates that currently face the planning profession. These are studied from a variety of geographical, political and cultural perspectives. In the second semester all students are required to complete an independent research project. The second semester also includes modules in law, infrastructure and transport, and conservation.

The themes you will study during Stage 3 include:

- Legal Studies in Planning
- Independent Research Project
- Planning Practice Study Visit
- Comparative Planning Studies
- Themes in Spatial Planning
- Research Methods and Place

WHY QUEEN'S?

Ranking: Planning at Queen's is ranked 1st among UK planning schools for Satisfaction with Teaching (Guardian University League Tables, 2020) and ranked 1st in the UK for Student Satisfaction (Complete University Guide, 2020).

Accreditation: this degree is accredited by two professional bodies: the Royal Town Planning Institute (RTPI) and the Royal Institution of Chartered Surveyors (RICS). To gain accreditation from the RTPI, students are required to complete a fourth year of study (not necessary for RICS).

CAREERS/FURTHER STUDY

Although the majority of our graduates pursue careers in planning, the knowledge and skills developed also enable them to develop careers in a wide range of other sectors both in the UK and abroad. Recently, for example, graduates have found employment in China, the USA and New Zealand.

Career sectors that have attracted our graduates in recent years include planning authorities (Northern Ireland, Great

Britain and the Republic of Ireland), private planning practice, management, design consultants, housing authorities, health trusts, conservation and environmental organisations, teaching (particularly geography), countryside stewardship, software development and various graduate programmes.

This degree is closely aligned to the requirements of the planning sector and draws on practitioners as guest lecturers. We regularly consult with employers, and links are further enhanced through formal partnership meetings with the bodies that accredit our courses (RICS and RTPI).

We have developed strong relationships with, for example, the Northern Ireland Housing Executive, the Planning Division of the Department for Infrastructure, and the Department for Regional Development, and draw on such experts in the design of the degree.

Many of our graduates go on to one of our two Master's programmes to complete their RTPI accreditation, or other postgraduate training, including PhD study; see the School website for further information.

Planning at Queen's is ranked 1st among UK planning schools for Satisfaction with Teaching

(Guardian University League Tables, 2020)



Entrance requirements
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Course information
Dr Richard Waldron
School of Natural and Built Environment

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POLITICS

The academic study of politics is concerned with the sources of conflict, co-operation, power and decision making within and between societies, how differences are expressed through ideology and organisation, and how, if at all, disagreements and problems are resolved.

With over 30 staff at the cutting edge of research and publication, the School is the largest in Ireland and one of the largest in the UK and Ireland, with specialisms in Irish and British politics, political theory, sustainable development, the politics of film and literature, gender, the Middle East, European Union politics, ethnic conflict and international relations.

COURSE CONTENT

Students who intend to study Politics at Levels 2 and 3 must choose at least four of the introductory modules available in the first year.

Year 1

- Comparative Politics
- Contemporary Europe
- Issues in Contemporary Politics
- Perspectives on Politics
- World Politics: Conflict and Peace

Thereafter, Politics may be studied at Levels 2 and 3 as a Single Honours subject (12 modules) on its own, or as a Major (eight modules), Joint (six modules), or Minor (four modules) component along with another subject. The Politics element of the Law with Politics LLB comprises four modules, two at each of Levels 2 and 3. At each Level there is a mix of compulsory and optional modules, depending on the mode of study. Students select the appropriate number of modules from the following indicative list.

Year 2

- American Politics
- British Politics In Crisis?
- Irish Politics
- International Organisations
- Modern Political Thought
- Politics and Policies of the European Union
- Security and Terrorism
- Studying Politics
- The Politics of Deeply Divided Societies

Year 3

- Arms Control
- Asylum and Migration in Global Politics
- Contemporary Critical Theory

- Contemporary Political Philosophy
- Ethics, Power and International Politics
- Global Resource Politics
- Middle Eastern Politics
- National and Ethnic Minorities in European Politics
- Northern Ireland: A Case Study
- Political Parties and Elections in Northern Ireland
- Challenges to Contemporary Party Politics
- Politics, Public Administration and Policymaking
- Scotland and Northern Ireland: Points of Political Comparison
- Security and Technology
- The Far Right in Western Europe and North America
- The Politics of Irish Literature
- Earth, Energy, Ethics and Economy: The Politics of Unsustainability
- Theories of Global Justice
- US Foreign Policy
- War and Visual Culture
- Women and Politics
- Internship
- The Placement
- Dissertation

Note: this is not an exclusive list and these options are subject to staff availability.

Dissertation: in their final year, students can opt to write a dissertation based on a research topic of their choice and under one-to-one supervision by an academic with specialist knowledge in the chosen field.

BA Single Honours

Politics 3 yrs (L200)

BA Joint Honours

English and Politics 3 yrs (QL32)

French and Politics 4 yrs (RL12)

History and Politics 3 yrs (VL12)

International Relations and Politics 3 yrs (L290)

Irish and Politics 3 yrs (QL52)

Philosophy and Politics 3 yrs (VLM2)

Politics and Spanish 4 yrs (LR24)

LLB Honours

Law with Politics 3 yrs (M1L2)

See also International Relations and Conflict Studies, and Politics, Philosophy and Economics (PPE)

Entrance Requirements

A-level:

ABB

All applicants:

There are no specific subject requirements to study Politics, however, if you plan to study Politics as a Joint Honours degree or with Law you should refer to the subject requirements for the other course.

For students whose first language is not English

An IELTS score of 6.5 with a minimum of 5.5 in each test component or an equivalent acceptable qualification, details of which are available at: go.qub.ac.uk/EnglishLanguageReqs



WHY QUEEN'S?

Global Opportunities

Students have the opportunity to spend part of the course studying in other European universities, through our Erasmus programme, and also in the USA and Canada.

Industry Links

The School offers a range of employment placements where students can gain real-world work experience which is invaluable in terms of employment after graduation. Given that Belfast is a regional capital with devolved powers, we can offer students placements in the high profile political and related institutions on our doorstep – for example in the Department of Justice, Equality Commission, Police Ombudsman's Office, or BBC Northern Ireland.

Research-led Teaching

Cutting-edge research drives our externally commended teaching, most recently evidenced in the latest student satisfaction survey.

World-Class Facilities

- The Senator George J. Mitchell Institute for Global Peace, Security and Justice
- Institute of Cognition and Culture
- Institute of Irish Studies
- Two International Summer Schools (Irish Studies Summer School; and Conflict Transformation and Social Justice Summer School)

Student Experience

Our uniquely supportive pastoral care/personal tutor system is equalled only by the academic guidance available. Our vibrant Politics Society (Polysoc) provides a welcome and stimulating environment for new students.

CAREERS/FURTHER STUDY

Skills to Enhance Employability

Studying for a Politics degree at Queen's will assist students in developing the core skills and employment-related experiences that are valued by employers and academic institutions.

Graduates in Politics enter careers in areas such as marketing, journalism, broadcasting, education, the Civil Service, equal opportunities, banking, business, public relations, local government, and even politics itself.

Further Study

For those wishing to pursue further study after their first degree, the School provides a range of MA programmes, each of which can be taken either full-time (one year) or part-time (two years).

There are also opportunities to do an MA in Politics and an MPhil or PhD by thesis; see the School website for information.

"I chose Queen's because the wide choice of modules essentially allows me to build my own degree. I enjoy the way we are taught through lectures and tutorials where we are given an overview of a topic, able to research more for ourselves, and then debate with our peers in tutorial sessions. The School is very open to the input of students and I enjoy the level of student engagement through societies and student-staff consultative committees."

Jessica Simonds
BA Politics Graduate

Entrance requirements
e: admissions@qub.ac.uk
t: +44 (0)28 9097 3838

Course information
School of History, Anthropology,
Philosophy and Politics

e: happ@qub.ac.uk
t: +44 (0)28 9097 5028
w: qub.ac.uk/happ

POLITICS, PHILOSOPHY AND ECONOMICS

The Politics, Philosophy and Economics (PPE) degree is based on the view that, to understand public phenomena, one must approach them from several disciplinary directions. This degree illuminates how these three areas complement one another:

- Politics acquaints students with the institutions and processes that produce decisions governing our lives
- Philosophy develops analytical rigour, the ability to reason logically, critically and ethically
- Economics helps in understanding government policy and the choices facing businesses, governments and society

COURSE CONTENT

In order to ensure that students studying on the PPE degree have sufficient grounding in all three subjects, they have a prescribed list of four modules at both Levels 1 and 2 (with two optional modules each year). At level 3, students have greater flexibility in terms of their module choices, having the option to substitute either a dissertation or internship in place of some of their modules.

Level 1

Students take:

- Two Economics modules
- One Politics module
- One Philosophy module

And have two choices.

Level 2

Students take two core interdisciplinary modules designed specifically for PPE students to show how politics, philosophy, and economics are deeply intertwined:

- Democracy and Ethics and Economics
- Politics and Economics of the Devolved UK

They also take two other core modules:

- Macroeconomic Policy and Performance
- Moral Theories

And take two additional modules of their choice, with module choices across all three subjects. The following provides an indicative list of the range of module choices at Level 2:

- American Politics
- History of Philosophy
- Industrial Organisation
- International Organisations
- International Relations
- Knowledge and Reality
- Managerial Economics
- Modern Political Thought
- Mind and Language
- Politics and Policies of the European Union
- Scholastic Ethics
- Security and Terrorism
- Studying Politics
- The Politics of Deeply Divided Societies
- Data Analysis and Optimisation
- British Politics in Crisis?

Level 3

Students take the equivalent of six modules: either a double-weighted dissertation, or double- or single-weighted internship; and modules from at least two of the three subject areas of Politics, Philosophy and Economics. Students can also spend a semester abroad at Level 3.

Modules

The module choices available to PPE students cover a wide range of topics in each of the three subjects. In Economics, modules cover issues such as labour economics, public economics, and economic history. In Philosophy, topics include ethics, metaphysics, and philosophy of science. Politics options include development, comparative political behaviour and institutions, foreign policy and international relations, and issues of gender and ethnic minorities.

BA Honours

Politics, Philosophy and Economics 3 yrs (LV00)

See also Politics, Philosophy, Economics

Entrance Requirements

A-level:

AAA + GCSE Mathematics grade B/6

For students whose first language is not English

An IELTS score of 6.5 with a minimum of 5.5 in each test component or an equivalent acceptable qualification, details of which are available at: go.qub.ac.uk/EnglishLanguageReqs

Note: that this is not an exclusive list and these options are subject to staff availability. Dissertation: in their final year, students can opt to write a dissertation based on a research topic of their choice and under one-to-one supervision by an academic with specialist knowledge in the chosen field.

WHY QUEEN'S?

Studying PPE at Queen's has several unique advantages:

- Studying in Belfast, a regional political and economic capital city, allows for one to interact directly with key decision makers in the area
- Situated on the island of Ireland, the PPE degree at Queen's offers a unique international setting
- Studying Politics, Philosophy, and Economics in a divided society allows one to explore how these subjects work to shape conflict
- Small class sizes promote the building of close friendships and networks

Placement

Students have the opportunity in the final year to undertake a part-time placement within a local organisation to gain direct experience of policy-making and political decision-making.

Global Opportunities

Study Abroad: students have study opportunities in other European universities through our Erasmus programme, and also in the USA and Canada.

Industry Links

The School offers a range of employment placements where students can gain real-world work experience which is invaluable in terms of employment after graduation. Given that Belfast is a regional capital with devolved powers, we can offer students placements in the high profile political and related institutions on our doorstep – for example in the Department of Justice, Equality Commission, Police Ombudsman's Office, or BBC Northern Ireland.

Student Experience

Our uniquely supportive pastoral care/personal tutor system is equalled only by the academic guidance available. Our vibrant PPE Society provides a welcome and stimulating environment for new students. We have students from around the UK, Ireland, Europe and the wider world, ensuring a rich mix of students with different experiences and backgrounds.

Research Methods

Students will develop core skills in analytical research methods necessary for analysing political and economic data.

CAREERS/FURTHER STUDY

A PPE degree provides a stimulating programme of study and intellectual training useful in many walks of life and future career paths. Graduates are equipped with the necessary attributes for graduate employment or postgraduate education and training, and are able to make a difference in whatever future career they choose. PPE graduates enter careers in areas such as marketing, journalism, broadcasting, education, the Civil Service, equal opportunities, banking, business, public relations, local government, and even politics itself.

Further Study

For those wishing to pursue further study after their first degree, the School provides a range of MA programmes. There are also opportunities to do an MA in Politics and an MPhil or PhD by thesis; see the School website for information.

“The School is of not too large a size as to be impersonal, and therefore the relationships between the students and with the staff were strong and highly inclusive. The relatively small intake of the PPE programme meant that across all three years there were plenty of opportunities to interact with the other students, and the PPE society always had great socials as well as academic events. Even though I'm now in London I return to Belfast quite often to catch up with friends now working in Northern Ireland or studying at Queen's.”

Ed Livingstone
BA Politics, Philosophy and Economics Graduate

Entrance requirements

e: admissions@qub.ac.uk
t: +44 (0)28 9097 3838

Course information

School of History, Anthropology, Philosophy and Politics

e: happ@qub.ac.uk
t: +44 (0)28 9097 5028
w: qub.ac.uk/happ



PRODUCT DESIGN ENGINEERING

The main objective of this engineering degree is to produce graduates with a broad and balanced set of skills and attributes required for the design and manufacture of innovative technical products. It is a variant of the Mechanical Engineering degree which, after first year, focuses on design process methodology, materials, manufacturing and analysis. The integrated curriculum connects content from different modules through team-based and individual projects, which act as a core activity each year.

COURSE CONTENT

Stage 1

Students are introduced to core product design engineering principles and mathematics, and they undertake 3 small team-based projects, designed to introduce them to the concept of professional engineering practice and to develop personal and interpersonal skills. Stage 1 (compulsory) modules are as follows:

- Introduction to Product Design
- Laboratory Programme 1
- Mathematics 1
- Mechanics of Materials 1
- Thermodynamics and Fluid Mechanics 1
- Dynamic Systems 1
- Engineering Design 1

Stage 2

Stage 2 builds on the knowledge already gained with a series of more advanced engineering science subjects including dynamics, and mechanics of materials. Stage 2 (compulsory) modules are as follows:

- Professional Studies 2
- Mechanics of Materials 2
- Dynamics 2
- Design and Manufacturing 2
- Design & Prototyping Projects 2
- Maths and Computing 2
- Manufacturing Technology 2

Optional Courses

- Employability 2

Stage 3

In Stage 3, BEng students undertake a major individual project while MEng students carry out a major group project. Additional

industry-focussed project activities are supported by a number of external collaborators. Engineering science subjects focus on materials and manufacturing. Stage 3 (compulsory) modules are as follows:

- Project 3B / Design Project 3M
- Professional Studies 3
- Product Design & Development Studies 3
- Computer-Aided Engineering 3
- Plastics Engineering 3
- Manufacturing 3

MEng (Stage 4)

Advanced modules focus on engineering design, analysis and materials. Students also carry out an individual project, where they apply their engineering skills to an area of cutting-edge technology. These projects are closely associated with industry and with the School's research interests.

WHY QUEEN'S?

Accreditation: both the BEng and MEng degrees are accredited by the Institution of Mechanical Engineers.

Leadership Programme: Students have the opportunity to gain a place on the Engineering Leadership Programme and a range of Employability Development workshops.

International Reputation: the School has an international reputation for its contributions to the development of engineering education by playing a leading role in the CDIO initiative (cdio.org).

Industry-led: teaching is carried out in the context of conceiving, designing, implementing and operating products or systems; hence better preparing graduates for professional practice.

BEng Honours

Product Design Engineering 3 yrs (H150)

Product Design Engineering with a Year in Industry 4-yr SW (H151)

MEng Honours

Product Design Engineering 4 yrs (H152)

Product Design Engineering with a Year in Industry 5-yr SW (H155)

Entrance Requirements

BEng

A-level:

ABB including Mathematics and at least one from Physics (preferred), Biology, Chemistry, Further Mathematics, Technology and Design or Double Award Life & Health Sciences.

BTEC Extended Diploma:

A relevant BTEC Extended Diploma with 120 credits at Distinction and 60 credits at Merit. Distinctions will be required in stipulated relevant units.

Note: applicants not offering Physics at A-level should have a minimum of a grade C/4 in GCSE Physics or GCSE Double Award Science grades CC/44.

BTEC Higher National Diploma:

Those with good grades in a relevant Higher National Diploma will be considered on their individual merits for entry to Stage 2.

MEng

A-level:

AAA including Mathematics and at least one from Physics (preferred), Biology, Chemistry, Further Mathematics or Technology and Design.

Note: applicants not offering Physics at A-level should have a minimum of a grade B/6 in GCSE Physics or GCSE Double Award Science grades BB/66.

Note: applicants for the MEng degree will automatically be considered for admission to the BEng degree if they are not eligible for entry to the MEng degree both at initial offer making stage and when results are received.

Option to Transfer: transfers between BEng and MEng may be possible at the end of Stage 2.

For student whose first language is not English

An IELTS score of 6.0 with a minimum of 5.5 in each test component or an equivalent acceptable qualification, details of which are available at: go.qub.ac.uk/EnglishLanguageReqs

"I found the Product Design Engineering degree to be very applicable to working life as an engineer. The practical, hands-on design approach I learnt in university has stood me in good stead to tackle a great breadth of projects."

Fiona Bennington,
MEng graduate (2011)

Ability to Transfer: BEng students who demonstrate a high level of performance may be invited to transfer to the equivalent MEng degree at the end of Stage 2.

Placements: the School actively encourages one-year work placements, offering preparation through its employability programme and support through its dedicated placement officer.

Study Abroad: students have the opportunity to work or study outside the UK through the IAESTE, Erasmus, Study Abroad and Study USA programmes. In recent years students have been placed in Argentina, Australia, Brazil, Canada, Finland, France, Japan, Malaysia and the USA.

The MEng degree currently offers the opportunity to spend a period of up to one year studying abroad as part of the Erasmus exchange programme.

CAREERS/FURTHER STUDY

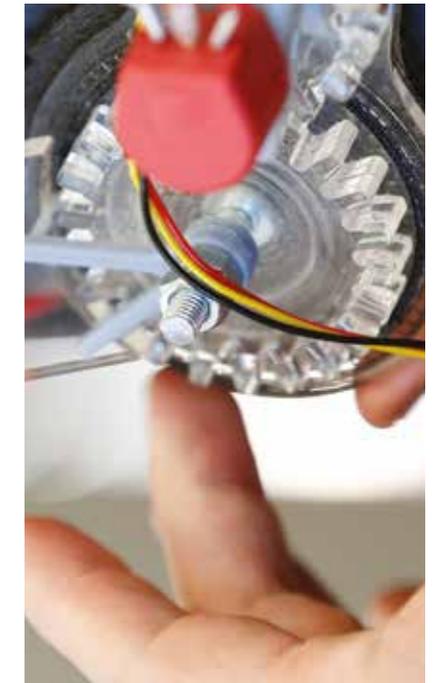
Graduates have been successful in gaining high-quality jobs in the discipline of product design engineering. The majority are working in manufacturing companies or design consultancies in the UK and Ireland. Their broad skill sets and experience have enabled them to fit in equally well in both small, dynamic companies and larger organisations.

Graduates have secured jobs in a variety of sectors including automotive, domestic appliances, design consultancy, electronics, packaging, materials handling, polymers, renewables, aerospace and medical devices. Companies employing recent graduates include Glen Dimplex, Dyson, Lotus, Survitec, Collins Aerospace, Terex, Leckey, Seven Technologies Group, Whale, JLR, Radox, Andor, Kingspan, Nacco, Intel and Accenture.

Whilst the vast majority of graduates are employed in product design or design engineering, some others have developed careers in other sectors such as management and education.

Further Study

Further study is also an option – several students have gone on to study for a PhD. The course provides excellent preparation for Doctoral studies within the School, particularly in the areas of advanced materials and manufacturing. A few have chosen to study for a Postgraduate Certificate in Education (PGCE), becoming Technology or Mathematics teachers.



We put emphasis on hands-on, project-based learning and invest heavily in our state-of-the-art facilities and flexible project spaces to support this activity.

Entrance requirements

e: admissions@qub.ac.uk
t: +44 (0)28 9097 3838

Course information

School of Mechanical and Aerospace Engineering

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t: +44 (0)28 9097 4117
w: qub.ac.uk/mechaero

PROFESSIONAL NURSING

This three-year degree programme integrates theory and practice, preparing our students to be world-class practitioners. Students will spend 50 per cent of their time in class learning the latest nursing theory and clinical skills, and 50 per cent of their time with one of our internationally-recognised training partners in a wide variety of clinical and community settings throughout Northern Ireland. Our highly-trained lecturing staff are actively engaged in areas of speciality practice, and our personal tutor system for student support is very well regarded. There are also opportunities for elective placements with one of our international partners in the final year of study.

COURSE CONTENT

Stage 1

You will be introduced to professional working alongside foundational knowledge and skills in Adult Nursing to support you in implementing safe and effective person centred care. You will learn about the systems of the body, pharmacology and caring communication, as well as Public Health.

You will support people to manage their health and wellbeing across the lifespan and develop critical thinking skills to apply to decision making in clinical practice.

Stage 2

You will support people managing chronic health issues as well as experiencing acute episodes of illness. You will consider all aspects of health including the promotion of mental wellbeing when working in partnership with individuals, families and communities. You will deepen your knowledge of bioscience and pharmacology, and develop the skills required to analyse and critically appraise evidence with a focus on quality improvement.

Stage 3

Leadership will be a key focus in this final year whilst managing specialist and complex care and supporting people to manage their health across a range of services including community care. You will have the opportunity to consolidate your learning in practice preparing you to enter the register as an Adult nurse.

WHY QUEEN'S?

Global Opportunities

Student exchange programmes enrich your ability to critically compare the diverse delivery of health care and practice from a more global perspective. As globalisation becomes increasingly important, the opportunity to study abroad, and experience another culture is a rewarding and meaningful experience. Final year students have the opportunity to apply for an international elective placement with the guidance and support from International co-ordinators in midwifery and each field of nursing.

Professional Accreditations

Professional Registration with the NMC (2020)

Internationally Renowned Experts

The educational staff within the School are renowned across the world for their innovative activities and subject expertise.

Simulation Suite

Learn and test your clinical skills through the use of state of the art simulation equipment. Our revolutionary facilities, opening in 2020, allow our educators to role play scenarios in response to the students' actions. This activity often takes place behind a one way mirror and provides the teaching team with the opportunity to observe and monitor the students' responses to the specific scenarios. Students work in multidisciplinary teams in our state-of-the-art simulation centre, using the latest technology for learning.

Skills Development

Nurses and Midwives learn to be an integral part of a healthcare team. Within this School,

BSc Honours

Professional Nursing (Adult) (September intake) 3 yrs (B740)

Professional Nursing (Adult) (February intake) 3 yrs (B74A)

Professional Nursing (Children and Young People's) 3 yrs (B730)

Professional Nursing (Learning Disability) 3 yrs (B761)

Professional Nursing (Mental Health) 3 yrs (B760)

Entrance Requirements

This information is prepared in advance of the academic year to which it relates and the grades stated should be treated as a guide only and entrance requirements are reviewed annually.

Overall academic background will be taken into account when considering applications and additional academic criteria may have to be applied at shortlisting, depending on the volume of applications.

All applicants (except Access/Foundation applicants) must normally have a minimum of 5 GCSEs at grade C to include English Language or an equivalent qualification acceptable to the University, Mathematics and a Science subject (ie Biology/Human Biology, Chemistry, Physics, Double Award Science or Single Award Science). GCSE or BTEC Applied Science is not acceptable in lieu of GCSE Science.

Applicants offering Access/Foundation courses must also have a grade C/4 in GCSE Mathematics and a Science subject (see above) or an equivalent qualification acceptable to the University. Within an Access programme, a pass in NICATS Mathematics and a pass in one Level 3 Biology or Chemistry or Physics module would fulfil the GCSE Mathematics and Science requirements.

In addition to the GCSE requirements, or equivalent, applicants must offer one of the following qualifications:

A-level:

BCC including a relevant Science (Biology/ Human Biology, Chemistry, Life & Health Sciences, Mathematics or Physics)

OR

BBC where a relevant Science subject is not offered.

BTEC Level 3 Extended/National Extended Diploma:

QCF Level 3 BTEC Extended Diploma: Successful completion (180 credits at Level 3) with 80 credits at Distinction grade and 100 credits at Merit grade.

RQF Level 3 BTEC National Extended Diploma:

Successful completion (1080 guided learning hours – GLH) with at least 420 GLHs at Distinction grade (with a minimum of 240 GLHs in externally assessed units) and 660 GLHs at Merit grade.

Access/Foundation Course:

65% with two modules of Biology or Chemistry or Physics

OR

70% with one module of Biology or Chemistry or Physics

OR

70% in an Access Course with no science modules

BTEC Higher National Diploma:

Successful completion with a minimum of 12 Merits and 4 Passes in individual units.

BTEC Higher National Certificate:

Successful completion with a minimum of a Merit grade in each unit.

Scottish Highers:

BBBCC where a relevant Science subject is offered (see list under A-level requirements)

OR

BBBBC where a relevant Science subject is not offered.

All applicants must have a minimum of 5 Standards at grade 2 or a minimum of 5 Intermediates/National 5 at grade B to include Mathematics and a Science subject. A minimum of a grade 3 in Standard English Language or a grade C in Intermediate/ National 5 English Language is also required.

Graduates:

Honours Degree (minimum third class); Ordinary Degree (minimum pass). Graduates must satisfy the GCSE Mathematics and Science requirements as above.

Open University Credits:

A minimum of 120 OU Credits. Must satisfy the GCSE Mathematics and Science requirements as above.

Selection Process:

1. Applicants who satisfy the academic requirements or will be able to do so by 31 August 2020 are shortlisted for interview on the basis of their Personal Statement in their UCAS application. This is scored against criteria set by the Northern Ireland Practice and Education Council for Nursing and Midwifery (NIPEC).

2. Interviews normally take place in March and April and use the Multi-mini Interview format to test value-based skills.

3. Offers are made on the basis of ranked interview scores and are subject to satisfactory Occupational Health Assessment and Criminal Record check(s), in addition to any academic requirements. More detail can be found on the School's website.

For students whose first language is not English:

An IELTS score of 7.0 with a minimum of 7.0 in Speaking, Reading and Listening test components, and a minimum of 6.5 in the Writing test component or an equivalent acceptable qualification, details of which are available at: go.qub.ac.uk/EnglishLanguageReqs

Queen's is the only university in Northern Ireland offering degrees in all four fields of Nursing, enabling an innovative approach to interprofessional education. Students undertaking our programmes may be eligible to have their fees paid by the Department of Health (DoH), and may receive a bursary.

Entrance requirements

e: admissions@qub.ac.uk
t: +44 (0)28 9097 3838

Course information

Dr Karen McCutcheon,
Director of Education
School of Nursing and Midwifery

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w: qub.ac.uk/nur

multidisciplinary teams of medical students and nursing students work together using interprofessional learning scenarios.

CAREERS/FURTHER STUDY

Studying for a BSc (Hons) Professional Nursing degree at Queen's will assist you in developing the core skills and employment-related experiences that are valued by employers, professional organisations and academic institutions. Graduates from this degree at Queen's are well regarded by employers both nationally and internationally.

Around 99% of graduates from this programme go on to pursue a career in nursing which is an interesting, rewarding and challenging career where work can be in a variety of health care settings from accident and emergency to working in patients' homes, with people of all ages and backgrounds. Nursing can also offer a diverse range of post registration opportunities to specialise in areas such as counselling; public health and health promotion; acute care, as well as education and research

Further Study

Further study is also an option open to Nursing graduates. For taught postgraduate programmes, students can follow the Master's in Advanced Professional Practice. There are also a range of PhD opportunities; see Queen's website for more details.



PSYCHOLOGY

Psychology is the scientific study of behaviour and the mind: you'll study how we think and learn; how we develop and age; how we differ from one another; how we interact, collaborate and sometimes conflict with each other.

You'll consider the extent to which these behaviours are influenced by both nature and nurture, and you'll also explore animal behaviour which reveals the contrasts that make us uniquely human. As you'll see, our Psychology degree is diverse and stimulating. Our graduates are confident, independent achievers who have numerous professional career pathways open to them.

COURSE CONTENT

Over the first two years of the programme, we cover a diverse syllabus, approved by our accrediting professional body, the British Psychological Society (BPS), which provides a solid foundation across the full range of Psychology's core domains.

Throughout your time with us, you'll develop the wide range of transferable skills which make our graduates so appealing to employers. Psychology offers an arguably unique grounding in both qualitative and quantitative research skills, meaning our graduates have high verbal and numerical competencies.

You'll have well-developed organisation and self-management skills and be confident communicators to both small and large groups of people, using a range of media. Equipped with team-working and leadership experiences, you'll not only be able to problem solve with critical insight, but lead others to do so too. All this on top of your insights into the mind and behaviours of others, and yourself.

• Level 1

In first year you'll get a gentle introduction to Psychological theories in each of the core domains and the application of Psychology in everyday life. We deliver this through a variety of engaging and interactive teaching methods including lectures, small-group tutorials and practical laboratory classes.

- Foundations in Psychology
- Introduction to Methods in Psychology
- Using Psychology in Everyday Life

Level 2

In second year you'll build a more detailed knowledge of the core domains whilst developing critical and analytical thinking skills. Our subject specialists use a mixture of theoretical and practical teaching methods to hone the skills required to be a successful graduate.

- Core Psychology I
- Core Psychology II
- Psychological Methods

• Professional Work Placement Year Option

At the end of second year, you'll have the opportunity to enhance your employability and practice your psychological skills within the workplace, by taking a year-long professional work placement, working with one of our many graduate employer partners across the private, public and voluntary sectors.

Level 3

In final year you'll be able to tailor your Psychology degree according to your own individual interests by choosing from a selection of modules designed to explore current developments across the domains of Psychology; all delivered by our cutting-edge researchers. Note that final year modules change annually and modules listed are intended only to give an idea of the range of topics that might be available.

- An Introduction to Clinical Health Psychology
- Introduction to Political Psychology
- Sport and Exercise Psychology
- Psychology of Gender
- Using Nudges to Change Behaviour

BSc Honours

Psychology 3 yrs (C800)

Entrance Requirements

A-level:

AAB/ABB + GCSE Mathematics grade C/4.

There are no specific subject requirements at A-level.

For students whose first language is not English

An IELTS score of 6.5 with a minimum of 5.5 in each test component or an equivalent acceptable qualification, details of which are available at: go.qub.ac.uk/EnglishLanguageReqs

- Psychologists at work: Insights into Graduate Employment
- The Psychology of Intergroup Relations: Theory and Applications
- Evolutionary Psychology and Comparative Cognition
- Ageing: Mind, Brain and Behaviour
- Typical and Atypical Literacy Development
- The Visual Brain
- Psychology Thesis
- Psychology General Paper

For students who don't wish to take a year-long work placement before starting final year, we offer our 'Psychologists at Work' module which places students with one of our many employer-partners to work on a 6-8 week project applying psychology in the workplace.

You'll complete your degree in Psychology by submitting a research project thesis at the end of final year. This independent research is completed under the supervision of our expert academic staff, who will be with you every step of the way on your transition to becoming a graduate Psychologist.

WHY QUEEN'S?

World Class Facilities: We have recently invested to enhance facilities for students within the School including a fully refurbished state of the art teaching and learning space along with a dedicated student common room.

We also have a range of specialist equipment and laboratories where our cutting-edge research takes place. As a student, you'll have the opportunity to use many of these facilities during the research projects you'll undertake as part of your degree. For example, we have a brand new animal behaviour research lab, brain stimulation labs, virtual reality and motion-capture technology, eye-tracking devices, a child development observation lab, a postural control and ageing lab and a large psychometric test library amongst other facilities.

Internationally Renowned Experts: The most recent Research Excellence Framework (REF 2014) placed the School among the UK's top 20 Psychology, Psychiatry and Neuroscience departments in terms of both research intensity and research impact. Our impact reflects how the School's research is informing policy makers, developing industry partnerships and ultimately touching on the lives of thousands of individuals. We're at the forefront of ground breaking research which you'll find embedded throughout our teaching.

Student Experience: You'll feel part of our School community. We are committed to supporting our students with our Transition into Higher Education program which begins in welcome week and continues through our personal tutoring and peer mentor schemes.

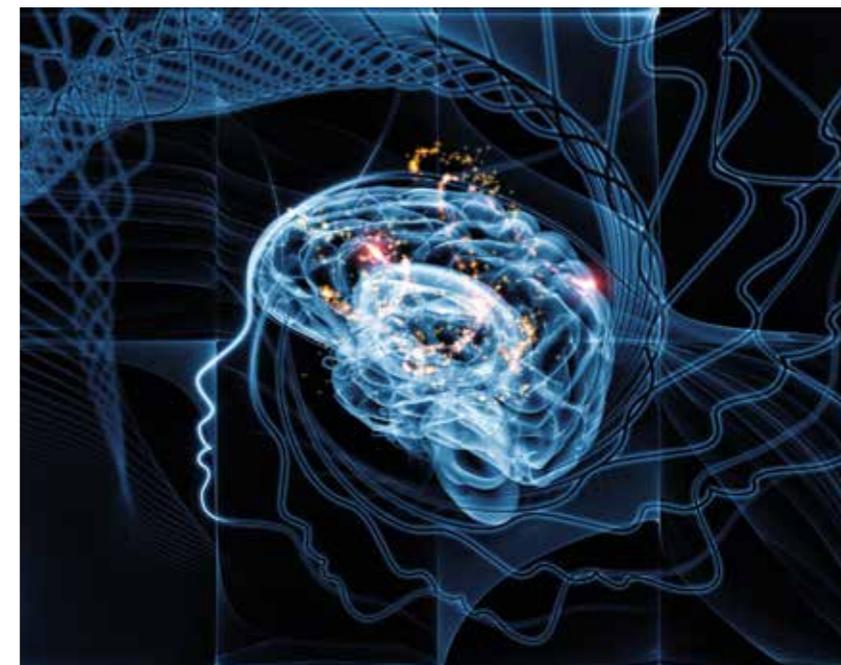
CAREERS/FURTHER STUDY

Our degree is accredited by the BPS, meaning our graduates qualify for membership of our professional society (MBPsS grade), provided the minimum standard of a 2:2 degree classification is achieved. Throughout your three years at Queen's, you'll see we have embedded employability skills and opportunities which will prepare you for the world of work after graduation.

Our Psychology graduates excel in a wide variety of careers including management consultancy, journalism, human resources, teaching, social work, marketing and accountancy to name but a few. Others complete postgraduate qualifications to become practitioner psychologists, specialising in Clinical, Educational, Health, Occupational and Sport and Exercise Psychology.

Further Study

We offer a range of Diploma and MSc courses and Professional Doctorate Programmes in both Educational Psychology and Clinical Psychology.



"Even though psychology was, and still is, a specialism within HR, there was definitely an awakening to the potential value that behavioural science could bring, especially to organisations undergoing significant change or transformation."

Caoimhe Keogan, Chief People Officer, Money Supermarket Group

Entrance requirements

e: admissions@qub.ac.uk
t: +44 (0)28 9097 3838

Course information

The Secretary for BSc Psychology
School of Psychology

e: psychology@qub.ac.uk
t: +44 (0)28 9097 5445
w: psych.qub.ac.uk

SOCIAL POLICY AND SOCIOLOGY

Social Policy students learn how to tackle major policy problems. They do this by applying core concepts from social science to intractable social problems such as gender inequality, eldercare, children's rights and climate change. As an applied and critical social science, you will gain knowledge and understanding of contemporary government policies and consider how we can achieve improvements.

Sociology is a scientific discipline concerned with the explanation of social life and human behaviour of all kinds. It equips students with the skills to understand the breadth of social practice, ranging from the global (including power and politics, conflict and peace processes, security, the digital world, climate change, racism and social justice) to individual experiences (such as the body, intimacy, emotions, identity, beliefs and mental health). Sociology and Social Policy make a great joint degree because sociology provides core concepts which are then used to make social policies that reduce poverty, inequality and discrimination.

Drawing on multidisciplinary ideas from politics, sociology, economics and law, this course helps create highly relevant and versatile graduates with the ability to enter employment at local, national and international levels.

COURSE CONTENT

Stage 1

Compulsory modules

- Introducing Social Policy
- Rethinking Society
- Themes and Issues in Social Policy
- Digital Society
- Sociological Imagination

• Optional modules

- Introducing Criminology
- Visualising the Social World

Stage 2

Compulsory modules

- Welfare in Theory and Practice
- The Power of Social Theory
- Qualitative Research Skills
- Quantitative Research Skills
- Social Inequalities and Diversity
- Questions for an Ageing World

Optional module

- Theory Counts

Stage 3

Compulsory modules

- Policy Briefing Paper
- Gender, Family and Social Policy
- Disability and Society

Optional modules

- Contemporary Irish Society
- Religion: Death or Revival
- Modern Families, Intimate and Personal Relationships
- Norms and Social Change
- Emotion, Power, Politics
- Global Risk Society
- Modelling the Social World
- Social Identity: Difference and Inequalities
- Welfare States on the Move: Social Policy Reform in Comparative Perspective

Exit Route

Students who wish to benefit from specialist training in quantitative research can undertake a series of dedicated social science research modules over the course of their degree studies. Successful completion of

BA Joint Honours

Social Policy and Sociology 3 yrs (LL43)

See also Criminology and Social Policy

Entrance Requirements

BA Criminology and Social Policy

A-level:

ABB

BA Social Policy and Sociology

A-level:

BBB

All applicants: there are no specific subject requirements to study Social Policy and Sociology.

For students whose first language is not English

An IELTS score of 6.5 with a minimum of 5.5 in each test component or an equivalent acceptable qualification, details of which are available at: go.qub.ac.uk/EnglishLanguageReqs

80 CATS credits of advanced quantitative research training (four modules) in stages 2 and 3 will receive the enhancement of BSc 'with Quantitative Methods' added to the name of the degree awarded.

WHY QUEEN'S?

Award-winning Teaching

Students in the School are educated in a dynamic academic environment by award-winning teaching staff, and in a recent government-sponsored review of research, staff in the School achieved 'world-leading' and 'international excellence' status for the high quality of their research work.

Prizes

The highest achieving students are regularly awarded prizes and scholarships, such as the SWAN prizes for best pieces of work on gender, the Lockheed Prize and the Foundation Scholarships.

Study Abroad

Students have the opportunity to spend time studying in one of our linked universities in Europe.

CAREERS/FURTHER STUDY

Social Policy and Sociology graduates are ideally placed for work in a range of occupations, including the Civil Service, public services, policy analysis, media, research, teaching, business, the voluntary sector, commerce, marketing and management. Some graduates build on the degree by undertaking postgraduate training in fields such as social work, law, social science research and teaching. Tailored careers advice and study guidance is available to all students throughout their time at Queen's.

Studying for a Social Policy and Sociology degree at Queen's will assist you in developing the core skills and employment related experiences that are valued by employers, professional organisations and academic institutions. Graduates from this degree are well regarded by many employers (local, national and international) and over half of all graduate jobs are now open to graduates of any discipline.

The diversity of interests and topics covered in the discipline, plus the wide range of skills it equips you with, means that our students enter a wide range of careers on graduation. These include the public sector (e.g. social services, education, criminal justice, social work), private sector (e.g. market research, policy analysis, human resources), and third sector (e.g. policy analyst, researcher, youth support worker, charity fundraiser). A number of our students also go on to postgraduate study, on a full- or part-time basis.

The following is a list of some of the employers that have attracted graduates from the School in recent years:

- Northern Ireland Civil Service
- Northern Ireland Housing Executive
- National Health Service
- Northern Ireland Statistics and Research Agency
- PwC
- Ulster Bank
- Commission for Victims and Survivors NI

- Santander
- Belfast City Council
- Ipsos MORI
- South Eastern Library Board
- REED
- Queen's University Belfast
- Ulster University

• Further Study

Students can choose from a wide range of Master's programmes as well as a comprehensive list of research topics.

"Social Policy offers a unique insight into various realms of social life, such as the family, the judicial system and the health care system. Not only did this subject enable me to understand how these social realms are interconnected, it opened my eyes to the impact they have on the trajectory of my own life, such as how my income will impact on my health outcomes. I was taught by academics who are truly passionate about their field and who set coursework which was exceptionally varied and designed with employability skills in mind."

Erin Delaney
BA (Hons) Social Policy and Sociology



Entrance requirements

e: admissions@qub.ac.uk
t: +44 (0)28 9097 3838

Course information

Dr Gemma Carney, Programme Director for BA Joint Honours Social Policy and Sociology
School of Social Sciences, Education and Social Work

e: g.carney@qub.ac.uk
t: +44 (0)28 9097 3749
w: qub.ac.uk/ssesw

SOCIAL WORK

The Bachelor of Social Work (BSW) degree is a recognised professional Social Work qualification, which is taught through academic study and practice learning. Practice learning opportunities are regionally allocated in collaboration with Northern Ireland Degree in Social Work Partnership and a variety of social work agencies (i.e. Health and Social Care Trusts, voluntary sector, criminal justice, education authority). Practice learning involves working full-time hours in a social work agency (85 days at Level 2, and 100 days at Level 3), which is supervised and assessed by a qualified Practice Teacher, employed by the agency. The course offers graduates a generic qualification to practice as a Social Worker with a range of service user groups in different settings and agencies.

COURSE CONTENT

Modules often draw on recent developments within policy, research and theory. The teaching is research-informed and uses international comparisons. Service user involvement permeates all the modules, through direct involvement, research findings or online or audio/visual resources.

Level 1 (Undergraduate Route)

Semester 1

- Introduction to Social Work
- Law for Social Workers
- Preparation for Practice Learning

Semester 2

- Themes and Issues in Social Policy
- Psychology for Social Work
- Sociology for Social Work

Level 2 (Undergraduate Route)

Semester 1

- Practice Learning Level 2
- Evidence Informed Case Study Level 2

Semester 2

- Social Work in Context
- Research, Policy and Practice
- Social Issues across the Life Course

Level 2 (Relevant Graduate Route)

- Introduction to Social Work
- Law for Social Workers
- Preparation for Practice Learning
- Practice Learning Level 2
- Evidence Informed Case Study Level 2

- Level 3 (Undergraduate and Relevant Graduate Routes)

Semester 1

- Social Work with Children and Families
- Social Work in Adult Services
- Social Work in Criminal Justice and the Courts

Semester 2

- Practice Learning Level 3
- Evidence Informed Project Level 3

WHY QUEEN'S?

You can champion human rights and social justice, and make a positive difference in people's lives.

You will join a profession that offers variety and fulfilment.

You will have a choice of employment opportunities across settings, service user groups, and organisations.

You will be fully supported throughout your learning and development.

Social Work is professionally accredited by the NI Social Care Council.

All social work students living in Northern Ireland are eligible to apply for a bursary of £4,000 for each year of study, with an additional £500 p.a. to assist with travel costs. Please see full details, following the link: health-ni.gov.uk

For more information on Social Work and how to apply, visit the Social Care Council's online resource. <https://niscc.info/careers>

BSW Honours

Social Work (Undergraduate Route) 3 yrs (L500)

Social Work (Relevant Graduate Route) 2 yrs (L501)

Entrance Requirements

A-level:

ABB + GCSE Mathematics grade C/4 or an equivalent qualification acceptable to the University

Graduates: minimum standard 2.2, applicants must have a minimum of a grade C/4 in GCSE Mathematics or an equivalent qualification acceptable to the University.

Relevant Graduate Entry: sstudents with a relevant Honours degree (minimum standard 2.2) will be considered for admission to a shortened two-year course leading to the Bachelor of Social Work (BSW) degree. Applicants must have a minimum of a grade C/4 in GCSE Mathematics or an equivalent qualification acceptable to the University.

A relevant degree is deemed to be an Honours degree where at least one third of the course passed at Honours level comprises one or more of the following: Sociology, Psychology, Social Policy/ Social Administration; and degrees in Law, Teaching, Nursing, Community Work, Youth Work, Early Childhood Studies, Criminology, Health and Social Care, Occupational Therapy, Human Communication/Counselling, Social Anthropology, Housing Studies or other cognate subjects.

Graduates in any other subjects (minimum standard 2.2) who have successfully completed a Postgraduate Certificate in Education (PGCE) will also be considered.

All applicants:

1. Because of the professional nature of the course, a satisfactory Access NI check and registration with the Northern Ireland Social Care Council are required.
2. Whilst not a requirement it would be beneficial for applicants to have experience of helping or mentoring others (paid or voluntary).
3. Applicants being considered for an offer will be interviewed to assess their suitability for Social Work training. The interview is organised on a regional basis enabling eligible applicants to have a single interview for all Northern Ireland Social Work programmes.

For students whose first language is not English

An IELTS score of 6.5 with a minimum of 5.5 in each test component or an equivalent acceptable qualification, details of which are available at: go.qub.ac.uk/EnglishLanguageReqs



International Opportunities

Whilst on the BSW degree there will be opportunities to participate in summer visits to other countries to explore social work education and practice from an international perspective.

Prizes

The highest achieving students in Social Work are awarded the annual Brian Rankin Prize with the highest achieving student receiving the Brian Rankin medal.

CAREERS/FURTHER STUDY

Studying for a social work degree at Queen's will assist you in developing the core skills, knowledge and values valued by employers, professional organisations and academic institutions. Queen's is currently ranked joint 2nd in the UK for career prospects for Social Work according to the Guardian University Guide (2019).

Employment after the Course

Queen's graduates are well regarded by many Social Work employers (statutory and voluntary). According to data provided by the Social Care Council, 80% of Social Work graduates are registered for their Assessed Year in Employment (AYE) within 6 months of graduation.

For information on the Assessed Year in Employment see niscc.info/assessed-year-inemployment-aye

For employment opportunities in the statutory sector in Northern Ireland see <https://jobs.hscni.net>

For registration as a Social Worker in the Republic of Ireland see <https://www.coru.ie/about-us/registration-boards/social-workers-registration-board>

Employers

Social workers are employed throughout the statutory and voluntary/third sector social work agencies. There are opportunities for career progression into specialist posts or various levels of management.

You should also take a look at prospects.ac.uk and niscc.info for further information concerning the types of jobs that attract social work graduates.

The typical starting salary of Social Work graduates is £22,000 (based on the Agenda for Change Pay scale for Band 5), increasing to £28,000 (Band 6) upon completion of the Assessed Year in Employment.

Further Study

Further study is also an option open to social work graduates. Students can choose from a wide range of Master's and PhD programmes, as well as a comprehensive list of postgraduate courses.

"The degree equips students with the knowledge, values and skills required for effective social work practice. We have developed important partnerships with service user and carer organisations across Northern Ireland who assist us in these important aspects of teaching. At a very early stage in the course, students visit these groups in their own community settings as part of their teaching on the real meaning of social work values."

Dr Joe Duffy
Senior Lecturer in Social Work



2ND IN THE UK FOR CAREER PROSPECTS FOR SOCIAL WORK
(Guardian University Guide Career Prospects 2019)

Entrance requirements

e: admissions@qub.ac.uk
t: +44 (0)28 9097 3838

Course information

Dr Audrey Roulston,
Academic Selector
(BSW admissions)
Chair Admissions Committee
e: a.roulston@qub.ac.uk
t: +44 (0)28 9097 5966

or

Dr Joe Duffy
Programme Director
(Relevant Graduate Route)
e: joe.duffy@qub.ac.uk
t: +44 (0)28 9097 1486
w: qub.ac.uk/ssesw

SOCIOLOGY

Sociology is a scientific discipline concerned with the explanation of social life and human behaviour of all kinds. It equips students with the skills to understand the breadth of social practice, ranging from the global (including power and politics, conflict and peace processes, security, the digital world, climate change, racism and social justice) to individual experiences (such as the body, intimacy, emotions, identity, beliefs and mental health). Through theoretical tools and methodological techniques, Sociology at Queen's provides students with a unique way of interacting with the world as critical and engaged citizens.

COURSE CONTENT

The Sociology team's diverse research interests translate into an exciting and dynamic programme, with opportunities to study a range of subjects, such as:

- Intimacy, families and gender
- Conflict, deviance, violence and peace building
- Emotions and Politics, from Trump to Brexit
- Environmental security
- Ethnicity, race and racism
- Health, illness and care
- Inequalities, poverty and social exclusion
- Religion and extremism
- Research methods and data skills (quantitative and qualitative)

Stage 1

In first year, you will learn to think sociologically and explore the sociological imagination using up-to-date research, from studies on Facebook to romance and dating. Our key module Digital Society allows students to critically reflect on the role of technology in our daily lives, from surveillance to 'Big Data'.

Core Modules

- Rethinking Sociology
- The Sociological Imagination
- Digital Society

Optional Modules

- Introducing Criminology
- Exploring Criminology
- Visualising the Social World
- Introducing Social Policy
- Themes and Issues in Social Policy
- Comparative Politics
- Issues in Contemporary Politics

Stage 2

In second year, you will be introduced to classical and contemporary theories, and develop proficiency in quantitative and qualitative research methods. You will gain skills in using the most widely used software, for example, SPSS and NVivo. We take advantage of ARK, a key resource situated in the School, and use their wide range of attitudinal surveys, often commissioned by government and key NI organisations. This allows students to apply their research skills training to contemporary issues, using the latest survey data.

Core Modules

- The Power of Social Theory
- Quantitative Research Skills
- Social Inequalities and Diversity
- Qualitative Research Skills

Optional Modules

- Northern Ireland: Conflict, Identity, Peace
- Welfare in Theory and Practice
- Environmental Crime and Justice
- Questions for an Ageing World
- Theory Counts
- Gender and Migration
- Sociology of Conflict and Peace

Stage 3

In final year, students design and undertake their own research project, under the guidance of a dedicated supervisor. This allows students to develop their own research question on a topic of their own selection, building on their studies. We encourage students to partner with community organisations to ensure that their research has direct and often immediate impact, where it is needed. As well as the development of specialist subject knowledge, the final year

BA Single Honours

Sociology 3yrs (L300)

BA Joint Honours

Criminology and Sociology 3 yrs (ML93)

English and Sociology 3 yrs (QL33)

History and Sociology 3 yrs (VL13)

Social Policy and Sociology 3 yrs (LL43)

See also Social Policy, Social Work and Sociology with Quantitative Methods

Entrance Requirements

A-level:

BBB for BA Single Honours and BA Joint Honours except BA Joint Honours with Criminology for which the requirements are ABB.

All applicants:

There are no specific subject requirements to study Sociology, however, if you plan to study Sociology as a Joint Honours degree you should refer to the subject requirements for the other course.

For students whose first language is not English

An IELTS score of 6.5 with a minimum of 5.5 in each test component or an equivalent acceptable qualification, details of which are available at: go.qub.ac.uk/EnglishLanguageReqs

project provides key transferable skills, including independent project management and problem solving. A key aspect of final year is the ability to choose from the specialist Sociology options, reflecting the team's research interests.

Optional Modules

- Religion: Death or Revival
- Norms and Social Change
- Emotion, Power, and Politics: The Political Sociology of Emotions, Trump, Brexit, and Populism
- Modern Families: Intimate and Personal Relationships
- Disability and Society
- Contemporary Irish Society
- Global Risk Society
- Modelling the Social World
- Social Identity: Difference and Inequalities

• Exit Route

Students who wish to benefit from specialist training in quantitative research can undertake a series of dedicated social science research modules over the course of their degree studies. Successful completion of 80 CATS credits of advanced quantitative research training (four modules) in stages 2 and 3 will receive the enhancement of BSc 'with Quantitative Methods' added to the name of the degree awarded.

WHY QUEEN'S?

Personal Tutor

You will be assigned a personal tutor during induction. This member of academic staff will provide one-to-one support and mentoring throughout your studies at Queen's.

Study Abroad

We have a solid tradition of students undertaking Study Abroad through Erasmus schemes (with universities in Barcelona, Lünd in Sweden, Paris and Aix en Provence in France, Munich and Dusseldorf in Germany, Rotterdam and Nijmegen in the Netherlands, Jyvaskyla in Finland).

Prizes

The Lockheed Prizes are awarded annually to students for the Bachelor of Arts degrees taking Single, Major or Joint subjects in Sociology, Social Policy and Social Work.

Research-led Teaching

Sociology is taught by a group of internationally recognised sociologists who specialise in areas such as family, childhood, religion and conflict.

CAREERS/FURTHER STUDY

Your degree in Sociology will equip you with a range of transferable skills that are highly sought in a wide variety of fields in the contemporary jobs market. Sociology graduates are found in a range of occupations, including management, communication, marketing, sales, retail, journalism, media research and publishing, youth and community work, charities and the voluntary sector, healthcare, social and civil services, and education. Sociology is also a good fit for a variety of careers in business: it develops the ability to gather and evaluate evidence; to engage in critical analysis; and to understand and explain complex problems and situations.

Our graduates have worked for organisations beyond and within Northern Ireland, such as:

- Northern Ireland Statistics and Research Agency (NISRA)
- Belfast Child
- Johnsons Solicitors
- PricewaterhouseCoopers
- Lloyds Banking Group
- Barnardos
- Northern Ireland Housing Executive

"My Sociology degree opened my eyes about the world. I now question everything and my curiosity has grown! It has helped in my current job as I developed my analytical and problem-solving skills, which are essential for the workplace."

Anna Savage
BA Sociology graduate
Statistical Officer, NISRA

Entrance requirements

e: admissions@qub.ac.uk
t: +44 (0)28 9097 3838

Course information

Dr Jonathan G Heaney
School of Social Sciences,
Education and Social Work

e: j.heaney@qub.ac.uk
t: +44 (0)28 9097 3482
w: qub.ac.uk/ssesw



SOFTWARE AND ELECTRONIC SYSTEMS ENGINEERING

From everyday systems, like games consoles and mobile phones to advanced systems for surveillance and medical devices, the modern world is made possible by the devices you will be taught to understand and develop during the Software and Electronic Systems Engineering undergraduate programme. Additionally, Software and Electronic Systems Engineering is one of the few research-led degrees in Queen's which includes the design of both electronic hardware and software. As an SESE graduate you can not only design the physical hardware of a mobile phone but also write the software to run it. Through our diverse network of industry links you begin learning from prospective employers from day one. Industry placements, company sponsored hackathons and project challenges are a core part of the curriculum and vastly improve our graduate employability rates.

COURSE CONTENT

BEng

This degree requires three years of full-time study plus an optional year in industry, which is usually taken after Stage 2. Transfer from the BEng degree to the MEng is possible subject to satisfactory performance. The programme contains the following themes which may change due to technology and industry needs:

Stage 1

- Circuits and Communications
- Design Projects
- Electronics
- Embedded Systems
- Mathematics
- Object-oriented Programming

Stage 2

- Circuits and Control
- Computation Theory
- Database Systems
- Data Structures and Algorithms
- Design Projects
- Electronics
- Embedded Systems
- Mathematics
- Networks and Communications
- Professional Practice

- Signals and Communications
- Software Engineering

Stage 3

- Agile and Lean Software Development
- Concurrent Programming
- Connected Health
- Control Systems Engineering
- Digital Systems Architecture and Design
- Individual Project
- Industrial Project (MEng only)
- Information System Security
- Networks and Communications Protocols
- Professional Studies
- Signal Processing and Communications
- Software Engineering
- Software Testing and Verification

Stage 4 (MEng)

This four-or five-year extended degree is designed to provide a supply of well-qualified graduates who will become future industry and business leaders. The first three years are mostly common with the BEng degree and there is an optional sandwich year in industry. The themes include:

- Advanced Software Engineering
- Algorithms Analysis and Application
- Applied Cryptography
- Computer Architecture and Organisation

BEng Honours

Software and Electronic Systems Engineering 3 yrs (GH6P)

Software and Electronic Systems Engineering with a Year in Industry 4-yr SW (GH67)

MEng Honours

Software and Electronic Systems Engineering 4 yrs (GH6Q)

Software and Electronic Systems Engineering with a Year in Industry 5-yr SW (GH68)

Entrance Requirements

BEng

A-level:

ABB including Mathematics and at least one from Biology, Chemistry, Computing, Digital Technology, Electronics, Further Mathematics, Geography, ICT (not Applied), Physics or Software Systems Development, Technology and Design or Double Award Life & Health Sciences.

BTEC Extended Diploma:

A relevant BTEC Extended Diploma with 120 credits at Distinction and 60 credits at Merit. Distinctions will be required in stipulated relevant units + GCSE Mathematics grade C/4.

BTEC Higher National Diploma:

Those with good grades in a relevant Higher National Diploma will be considered on their individual merits for entry to Stage 2 + GCSE Mathematics grade C/4.

MEng

A-level:

AAA including Mathematics and at least one from Biology, Chemistry, Computing, Digital Technology, Electronics, Further Mathematics, Geography, ICT (not Applied), Physics, Software Systems Development or Technology and Design.

Note: MEng applicants will automatically be considered for admission to the BEng if they are not eligible for entry to the MEng, both at initial offer-making stage and when results are received.

Option to Transfer: transfers between BEng and MEng may be possible at the end of Stage 2.

For students whose first language is not English

An IELTS score of 6.0 with a minimum of 5.5 in each test component or an equivalent acceptable qualification, details of which are available at: go.qub.ac.uk/EnglishLanguageReqs

“Software and Electronic Systems Engineering at Queen's gave me the unique opportunity to study both Computer Science and Electronic Engineering modules, both of which I was highly interested in.”

Stephen Laide,
Naas, Republic of Ireland
BEng Software and Electronic Systems Engineering
Joint award winner of the Allstate NI Hackathon 2014

- Design Project
- High Performance Computing
- Intelligent Systems and Control
- Network Security and Monitoring
- Project
- Real-Time DSP
- Wireless Communications Systems
- Wireless Sensor Systems
- Malware Analysis

WHY QUEEN'S?

Facilities: the School has a World-Class reputation for research and provides excellent facilities, including access to major research centres in Secure Information Technologies (CSIT), Electronics, Communications and Information Technology (ECIT) and Sonic Arts (SARC).

Scholarships: students may be eligible for scholarships, eg the Sensata Technologies Scholarship, NIE Networks Scholarship and the Civica Scholarship. For further information, visit the School Website.

CAREERS/FURTHER STUDY

Graduates in both software and electronics are extremely sought-after locally, nationally and internationally. There are excellent, well-paid career prospects across a wide spectrum: design, research, development, production, marketing and sales in employment areas such as avionics and space, telecommunications and broadcasting, connected health and medical electronics, consumer electronics and gaming, computing and software, embedded systems and electronic security.

We regularly consult a large number of employers including, for example, Civica and Sensata Technologies, who provide sponsorship for our students as well as NIE Networks who are members of the employer liaison panel for the course.

• Further Study

Further study is also an option – graduates can choose from a wide range of Master's programmes as well as a comprehensive list of research topics; see the School website for further information.



Entrance requirements

e: admissions@qub.ac.uk
t: +44 (0)28 9097 3838

Course information

School of Electronics, Electrical Engineering and Computer Science

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t: +44 (0)28 9097 5436
w: qub.ac.uk/eeecs

SOFTWARE ENGINEERING

Software innovation has transformed the way we think about, and interact with, technology. In fact, all the forms of communication, interaction and access that we take for granted today are made possible by software in some shape or form. Which is why the demand for software engineers has never been greater.

From improving the efficiency of the apps we use in order to make them more sustainable, to developing scalable and secure app infrastructure, Software Engineers have skills that drive innovation. In essence, they are problem solvers with the ability to take an existing software system and creatively refine, enhance and transform it into something even better.

This degree programme is designed to equip you with the analytical, reasoning and practical skills you will need to design, develop and deploy large software systems. Plus, our project based learning approach enables you to craft a degree pathway that fits your own areas of interest. You could find yourself working on anything from apps to virtual and augmented reality; lifesaving smart medical implants to consumer space travel or automated intelligence.

COURSE CONTENT

These degrees teach the fundamental principles of Software Engineering, together with the necessary skills, tools and techniques to enable our graduates to embark on careers as professional software engineers. Special emphasis is placed on individual and team-based software development projects in preparation for industry, the programme contains the following themes which may change due to the nature of the IT Industry and keeping up with industrial trends:

Stage 1

- Reasoning for Problem Solving
- Introduction to Software Engineering
- Foundation of Computing Systems

Stage 2

Stage 2 modules build on Stage 1 to include core aspects of Software Engineering such as database design and networking.

- Professional Computing Practice
- Software Engineering
- Software Development
- Information Modelling

- Data Structures Algorithms and Programming Languages
- Architecture and Networks

Students taking the Single Honours BEng spend a year on a paid full-time placement. The School has links with over 500 local, national and international employers eg BT, Liberty, Asidua, Kainos (Belfast), IBM (England), Microsoft, Sun Microsystems (Dublin), Fujitsu (Japan) and Siemens (Germany), and students are assisted in obtaining placements. It is expected that students would gain a Licentiate of the City & Guilds from this period of work experience

Stage 3

- Concurrent Programming
- Formal Methods
- Agile & Component Based Development using NET
- Information System Security
- Intelligent Information System
- Advanced Computer Architecture

These advanced modules permit each student to tailor their skills towards one or more areas of software engineering specialism.

BEng Honours

Software Engineering with a Year in Industry 4-yr SW (G604)

MEng Honours

Software Engineering 4 yrs (G602)

Software Engineering with a Year in Industry 5-yr SW (G605)

Entrance Requirements

BEng

A-level:

BBB including Computing, Mathematics or Software Systems Development + GCSE Mathematics grade C/4

OR

ABB including Chemistry, Digital Technology, GCE A-level ICT (not Single Award Applied ICT), Physics, Technology and Design or Double Award Applied ICT + GCSE Mathematics grade C/4.

BTEC Extended Diploma:

A relevant computing, engineering or scientific BTEC Extended Diploma with 120/100 credits at Distinction and 60/80 credits at Merit + GCSE Mathematics grade C/4.

BTEC Higher National Diploma/ Foundation Degree:

Those with good grades in a relevant Higher National Diploma/Foundation Degree will be considered individually on their merits for entry to Stage 2 + GCSE Mathematics grade C/4.

MEng

A-level:

AAB including Computing, Mathematics or Software Systems Development + GCSE Mathematics grade C/4

OR

AAA including Chemistry, Digital Technology, GCE A-level ICT (not Single Award Applied ICT), Physics, Technology and Design or Double Award Applied ICT + GCSE Mathematics grade C/4.

BTEC Extended Diploma:

A relevant computing, engineering or scientific BTEC Extended Diploma with 160 credits at Distinction and 20 credits at Merit + GCSE Mathematics grade C/4.

All applicants:

Computer Science, Computing and Information Technology and Software Engineering share a common core of modules in the first year, so students may therefore transfer between these degrees at the end of first year, subject to meeting the normal progression requirements.

Note: applicants for the MEng degree will automatically be considered for admission to the BEng degree if they are not eligible for entry to the MEng degree both at initial offer making stage and when results are received.

For students whose first language is not English

An IELTS score of 6.0 with a minimum of 5.5 in each test component or an equivalent acceptable qualification, details of which are available at: go.qub.ac.uk/EnglishLanguageReqs

Stage 4 (MEng)

This four-year extended degree has been established to provide a supply of particularly well-qualified graduates who will become industry leaders. It has a blend of Software Engineering knowledge and skills and business practice and management. Students can undertake a year of professional experience. The first two years and much of Stage 3 are common with the BEng, and transfer from the BEng to the MEng is possible for selected students at the end of Stage 2, subject to satisfactory performance. Stage 4 themes include:

- Research and Development Project
- Advanced Software Engineering
- HPC Principle Parallel Program
- Advanced Intelligent Information Systems
- Algorithms: Analysis and Application

These advanced modules permit each student to tailor their skills towards one or more areas of software engineering specialism.

WHY QUEEN'S?

Industry-led Teaching: the course emphasises the professional and practical application of software engineering. As such, students are encouraged to build strong links with local software engineering companies through employer involvement within projects, lectures and other forms of teaching contact.

Our students are constantly given the opportunity to put theory into practice. We regularly consult a large number of employers including, for example, Civica and Sensata Technologies, who provide sponsorship for our students as well as Kainos and Liberty IT who are members of the employer liaison panel for the course.

CAREERS/FURTHER STUDY

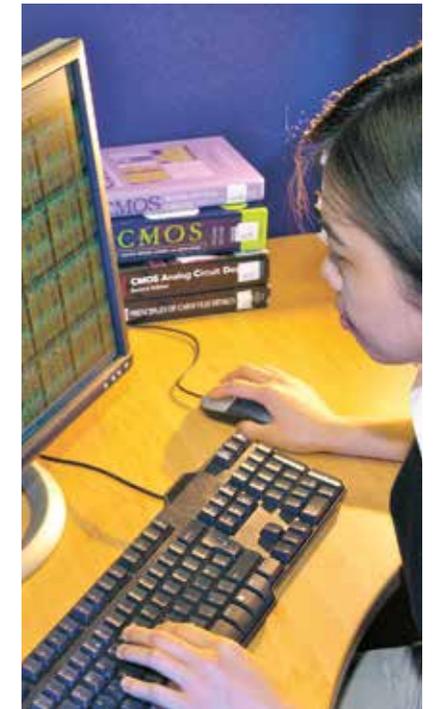
Northern Ireland has an excellent international reputation for the quality and supply of its software engineers. Indeed many companies, both national and international, have opted for Northern Ireland as a base for their computing divisions in recognition of the high quality of graduates produced by the local universities.

Given this situation, it is not surprising that our graduates have had unparalleled job opportunities over the years, both locally and internationally. Because of the

achievements of Queen's graduates already in the software engineering profession, a Software Engineering degree from Queen's is a highly respected qualification.

Employers, from large multinational firms to small local organisations, actively target our students, recognising that Queen's Software Engineering graduates are equipped with the skills they need.

On graduating the majority of graduates take up posts associated with software design and implementation. Opportunities exist in fields as diverse as finance, games, pharmaceuticals, healthcare, research, consumer products, and public services.



Entrance requirements

e: admissions@qub.ac.uk
t: +44 (0)28 9097 3838

Course information

School of Electronics, Electrical Engineering and Computer Science

e: eeecs@qub.ac.uk
t: +44 (0)28 9097 1194
w: qub.ac.uk/eeecs

SOFTWARE ENGINEERING WITH DIGITAL TECHNOLOGY PARTNERSHIP

This is a degree apprenticeship. Those applying to the programme will be employed as an apprentice of a leading technology employer and will combine traditional university study with work-based learning.

Software innovation has transformed the way we think about, and interact with, technology. From improving the efficiency of the apps we use in order to make them more sustainable, to developing scalable and secure app infrastructure, Software Engineers have skills that drive innovation. In essence, they are problem solvers with the ability to take an existing software system and creatively refine, enhance and transform it into something even better.

Developed through very close partnerships with key employers, the degree apprenticeship is designed to combine the analytical, reasoning and practical skills learnt in a typical university degree with key industry attributes like collaboration, teamwork and workload management which they will need to succeed as professional software engineers. As a degree apprentice, you will be employed as an apprentice at a leading technology company for the duration of your traditional University based study.

COURSE CONTENT

The degree teaches the fundamental principles of Software Engineering together with the necessary skills, tools and techniques to enable our graduates to succeed as professional software engineers. In the first two years of the programme, apprentices will develop a broad technology foundation that will underpin later learning. During the final two years of the programme, apprentices will flexibly combine specialist university modules with employer-based work experience.

Year 1

Apprentices will establish a solid foundation in:

- Programming
- Computer Architecture and Networking
- Databases
- Software Engineering
- Rigorous Problem-solving

Year 2

Apprentices will build their foundational knowledge to include more:

- Software Development Processes and Practices
- Software Engineering
- Information Modelling
- Computer Architectures and Networking
- Data Structures and Algorithm Analysis
- Professional Computing Practice

In addition to establishing a solid foundation in the above area, apprentices will also develop though on-the-job learning with their employer outside of term-time (for example, working with their employer over the summer months).

BEng Honours

Software Engineering with Digital Technology Partnership 4-yr SW (G606)

Entrance Requirements

A-level:

BBB including Computing, Mathematics or Software Systems Development + GCSE Mathematics grade C/4

OR

ABB including Chemistry, Digital Technology, GCE A-level ICT (not Single Award Applied ICT), Physics, Technology and Design or Double Award Applied ICT + GCSE Mathematics grade C/4.

BTEC Extended Diploma:

A relevant computing, engineering or scientific BTEC Extended Diploma with 120/100 credits at Distinction and 60/80 credits at Merit + GCSE Mathematics grade C/4.

BTEC Higher National Diploma/ Foundation Degree:

Those with good grades in a relevant Higher National Diploma/Foundation Degree will be considered individually on their merits for entry to Stage 1 + GCSE Mathematics grade C/4.

All applicants:

Please note that the course is open only to applicants who are Northern Ireland, Great Britain or European Union for tuition fees purposes. It is not possible to apply for deferred entry for this degree. Academically eligible applicants will be asked to complete a supplementary form agreeing to share information with the employer. Applicants will then be invited to take part in employer selection process from which the final successful candidates will be chosen. Applicants who are not shortlisted for admission to this course will automatically be considered for entry to the BEng Software Engineering degree.

For students whose first language is not English

An IELTS score of 6.0 with a minimum of 5.5 in each test component or an equivalent acceptable qualification, details of which are available at: go.qub.ac.uk/EnglishLanguageReqs

Year 3/4

In Year 3 and Year 4 of the programme, apprentices will study a number of modules that will permit them to develop specialism in key areas of software engineering. Currently this includes the following options:

- Data Analysis and Visualisation
- Artificial Intelligence and Advanced Data Analytics
- Agile and Lean Software Development
- Machine Learning
- Advanced Computer Architecture
- Concurrent Programming
- Software Design Principles and Patterns
- Information System Security
- Secure Software Design
- Malware Analysis
- Software Testing
- High Performance Computing
- Software Engineering Project

Apprentices will complete one semester of University study in both Year 3 and Year 4. The remaining time will be devoted to on-the-job learning with their employer.

WHY QUEEN'S?

Our computing courses are well established and are closely aligned with the needs of employers. Over the last decade, we have enabled thousands of graduates to succeed as professionals within the technology sector.

Northern Ireland has an excellent international reputation for the quality and supply of its software engineers. Indeed many companies, both national and international, have opted for Northern Ireland as a base for their computing divisions in recognition of the high quality of graduates produced by the local universities.

Employers, from large multinational firms to small local organisations, actively target our students, recognising that Queen's Software Engineering graduates are equipped with the skills they need. On graduating the majority of graduates take up posts associated with software design and implementation. Opportunities exist in fields as diverse as finance, games, pharmaceuticals, healthcare, research, consumer products, and public services - virtually all areas of business.

CAREERS/FURTHER STUDY

As this is a degree apprenticeship, by applying for this course you will also be applying for a job with a leading technology employer. If you are accepted onto the course, as an apprentice, you will receive a salary to cover your university study and the on-the-job learning. In addition to this, you will not have to pay any student fees.

At the end of the degree apprenticeship you can look forward to receiving a highly regarded software engineering degree from Queen's University alongside career progression opportunities with your employer.

Entrance requirements

e: admissions@qub.ac.uk
t: +44 (0)28 9097 3838

Course information

Dr David Cutting,
Programme Leader
School of Electronics, Electrical
Engineering and Computer Science

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w: qub.ac.uk/eeecs



SPANISH AND PORTUGUESE STUDIES

Spanish and Portuguese is an integrated degree which enables students to gain an in-depth knowledge of two major world languages, and the modules on offer reflect the diversity of cultures in Spanish and Portuguese-speaking countries across the globe. All students follow modules in Spanish and in Portuguese language which are of a broadly communicative nature, focusing on contemporary Spanish/Hispanic and Lusophone social and cultural issues and drawing on authentic materials. The degree takes four years to complete (which includes the study abroad year).

COURSE CONTENT

• Stage 1

Students are required to take one core language module in each subject area, the Introduction to Lusophone Studies optional module, and Introduction to Iberian Studies or Introduction to Latin American Studies optional module in the relevant semester.

Core Modules

- Spanish 1
- OR
- Intermediate Spanish
- OR
- Spanish for Beginners
- Portuguese 1
- Introduction to Lusophone Studies

Optional Modules

- Introduction to Iberian Studies
- Introduction to Latin American Studies

Stage 2

Students are required to take one core language module in each subject area plus two optional modules in the relevant semesters. The Portuguese modules are specially designed for students studying Portuguese and the level has been 'pitched' linguistically to reflect the ab initio access point of entry. Students on this pathway are, therefore, strongly advised to take the Portuguese optional module.

Core Modules

- Spanish 2
- Portuguese 2

Optional Modules

- Issues and Cultures of the US-Mexico Borderlands
- Afterlives: Rogues and Mystics of the Spanish Golden Age
- Representations of Lusophone Africa in Postcolonial Cinema
- Spanish Memoirs and Autobiographies
- The Fantastic in Latin America

Year Abroad Modules

- Working and Studying Abroad
- International Placement

Stage 3

Students are required to take one core language module in each subject area plus two optional modules in the relevant semesters. The Portuguese modules are specially designed for students studying Portuguese. Students on this pathway are, therefore, strongly advised to take the Portuguese optional module.

Core Modules

- Spanish 3
- Portuguese 3

Optional Modules

- Rewriting Love in the Renaissance
- Brazilian Digital Culture: Trends and Topics
- Failed Romances of Latin American Literature
- Imperfect Heroines: Spanish Fiction in the 19th and 20th Centuries
- The Spanish Enlightenment
- Gender and Society in Contemporary Mexican Cinema

BA Honours

Spanish and Portuguese Studies 4 yrs (RR45)

In addition, Portuguese may also be studied as part of the following degrees:

Archaeology with Portuguese (BA) 4 yrs (V4R5)

French and Portuguese (BA) 4 yrs (RR15)

International Business with Portuguese (BSc) 4 yrs (N2R5)

See also Spanish Studies

Entrance Requirements

Post A-level Spanish:

ABB including A-level Spanish.

Note: for applicants who have not studied A-level Spanish then AS-level Spanish grade B would be acceptable in lieu of A-level Spanish

Beginners Spanish:

ABB + GCSE Spanish grade B/6 or evidence of linguistic ability in another language.

Note: the Beginners option is not available to those who have studied A-level or AS-level Spanish.

For students whose first language is not English

An IELTS score of 6.5 with a minimum of 5.5 in each test component or an equivalent acceptable qualification, details of which are available at:

go.qub.ac.uk/EnglishLanguageReqs

WHY QUEEN'S?

Global Opportunities

This pathway affords significant opportunities for professional development and training in a global context. After stage 2, you will spend an academic year working or studying in a Spanish- and Lusophone-speaking country (eg a semester in each country as an Erasmus or exchange student at one of our partner universities). Students have the possibility of acquiring valuable professional experience by teaching in a school, undertaking a work placement, or doing voluntary work; they may also elect to study at a Spanish and a Brazilian/Portuguese university.

Industry Links

Graduates of Spanish and Portuguese have risen to the top in a number of fields, including media, print journalism, translating, marketing, local government, Fast Stream Civil Service, and a very wide range of local, national and international companies.

World-Class Facilities

Queen's has an excellent library with an outstanding range of resources in Spanish and Portuguese. The Language Centre has state-of-the-art facilities for languages learning, and the IT provision more generally is excellent.

Internationally Renowned Experts

Spanish and Portuguese at Queen's has world-leading experts in Spanish/Latin American and Brazilian/Portuguese literature and culture. Research in Languages at Queen's was ranked 3rd in the UK in the Research Excellence Framework (Times Higher Education rankings based on REF 2014) for Research Intensity and 5th for Grade Point Average.

Student Experience

Students run a lively Spanish and Portuguese Society, and staff offer support through a personal tutoring system, skills development programme and a structured framework for feedback.

CAREERS/FURTHER STUDY

Careers

Graduates from this degree at Queen's are well regarded by many employers (local, national and international) and over half of all graduate jobs are now open to graduates of any discipline.

Typical careers pursued by graduates in Spanish and Portuguese can include media and communications, publishing, advertising, education/teaching, translation/interpreting, journalism, PR, Fast Stream Civil Service, tourism and banking. Graduates are particularly in demand in careers requiring a high level of communication and presentation skills, as well as strong critical and analytical thinking.

Employer Links

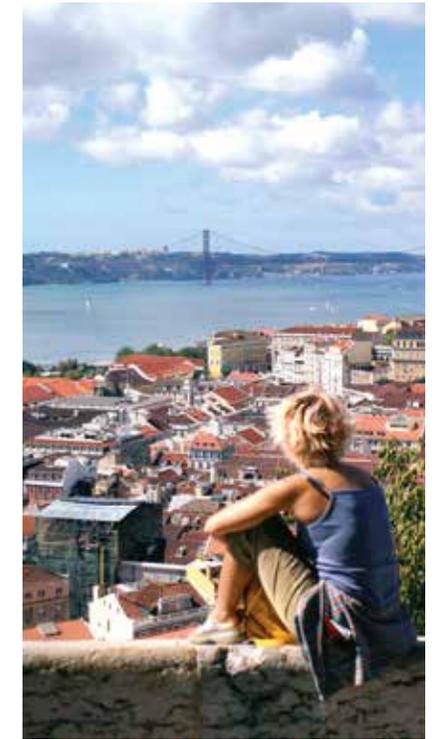
We regularly consult and develop links with a large number of employers including, for example, Santander and the British Council who provide sponsorship for our year abroad placements as well as Rolls Royce, PricewaterhouseCoopers and Moy Park/MARFRIG who are members of the employer liaison panel for the course.

Further Study

Further study is also an option open to graduates of Spanish and Portuguese. Students can continue to our MRes programme, which will be tailored to a student's particular interests, and will involve a combination of guided study and independent research. The MRes can lead on to a PhD programme.

"Equal time is dedicated to both languages and to time spent in both countries. The highlight of my degree was studying at the University of São Paulo in Brazil during my year abroad. Being able to study at a top Latin American university, in an amazing city with incredible people has been invaluable both to my language skills, and my cultural awareness of a fascinating country."

Jacqueline Gallagher
BA Spanish and Portuguese
Studies Graduate



"We are looking for graduates who can be our future leaders who demonstrate qualities of courage, judgement and breadth. Where do we find such qualities? Linguists or arts graduates."

Miles Cowdry
Director of Global Corporate
Development Rolls Royce PLC

Entrance requirements
e: admissions@qub.ac.uk
t: +44 (0)28 9097 3838

Course information
Dr Sarah Bowskill
Head of Area, Spanish and
Portuguese
School of Arts, English and Languages

e: s.bowskill@qub.ac.uk
t: +44 (0)28 9097 1141
w: qub.ac.uk/ael

SPANISH STUDIES

This degree analyses a wide variety of literary, historical, social, cultural and linguistic aspects of Spanish-speaking countries across the globe. All students follow modules in Spanish language which are of a broadly communicative nature, focusing on contemporary Spanish/Hispanic social and cultural issues and drawing on authentic materials. The degree takes four years to complete (which includes the study abroad year). All our classes are taught in small groups, giving students the opportunity to participate fully in discussions and receive detailed personalised feedback on their work.

COURSE CONTENT

Stage 1 Modules

- Spanish 1 OR Intermediate Spanish OR Spanish for Beginners
- Introduction to Iberian Studies
- Introduction to Latin American Studies
- 5th and 6th modules to be chosen from agreed list, and including the chance to learn Portuguese as a beginner language

Stage 2

Core Module

- Spanish 2

Optional Modules

- Issues and Cultures of the US-Mexico Borderlands
- Afterlives: Rogues and Mystics of the Spanish Golden Age
- Depictions of Death in Modern Mexican Culture
- The Fantastic in Latin America

Year Abroad

- Working and Studying Abroad
- International Placement

Stage 3

Core Module

- Spanish 3

Optional Modules

- Rewriting Love in the Renaissance
- Gender and Society in Contemporary Mexican Cinema
- Failed Romances of Latin American Literature
- Imperfect Heroines: Spanish Fiction in the 19th and 20th Centuries

- The Spanish Enlightenment
- Brazilian Digital Cultures
- Disease and Society
- The Sacred Made Real: Representing Spirituality in Spain's Golden Age

WHY QUEEN'S?

Global Opportunities

After stage 2, you will spend an academic year working or studying in a Spanish-speaking country. Students have the possibility of acquiring valuable professional experience by teaching in a school, undertaking a work placement, or doing voluntary work; they may also elect to study at a Spanish university.

Industry Links

Graduates of Spanish have risen to the top in a number of fields, including media, print journalism, translating, marketing, local government, Fast Stream Civil Service, and a very wide range of local, national and international companies.

World-Class Facilities

Queen's Library has an outstanding collection of resources relating to Spain and Latin America. The Language Centre has state-of-the-art facilities for language learning, and the IT provision more generally is excellent.

Internationally Renowned Experts

Spanish at Queen's has world leading experts in Spanish and Latin American literature and culture. Research in Languages at Queen's was ranked 3rd in the UK in the Research Excellence Framework (Times Higher Education rankings based on REF 2014) for Research Intensity and 5th for Grade Point Average.

BA Single Honours

Spanish 4 yrs (R410)

BA Joint Honours

Anthropology and Spanish 4 yrs (LR64)

English and Spanish 4 yrs (QR34)

French and Spanish 4 yrs (RR14)

History and Spanish 4 yrs (RV41)

International Studies and Spanish 4 yrs (LRF4)

Irish and Spanish 4 yrs (QR54)

Politics and Spanish 4 yrs (LR24)

In addition, Spanish may also be studied as part of the following degrees:

BA Honours

Archaeology with Spanish 4 yrs (V4R4)

BSc Honours

Accounting with Spanish 4 yrs (N4R4)

Economics with Spanish 3 yrs (L1R4)

International Business with Spanish 4 yrs (N1R4)

LLB Honours

Common and Civil Law with Spanish 4 yrs (M2R4)

MSci Honours

MSci Chemistry with Spanish 5 yrs (F1R4)

For Science with a Language/Extended Studies in Europe please see Science entries

Entrance Requirements

Post A-level

A-level:

ABB including Spanish.

Note: for applicants who have not studied A-level Spanish then AS-level Spanish grade B would be acceptable in lieu of A-level Spanish.

Beginners' level

A-level:

ABB + GCSE Spanish grade B/6 or evidence of linguistic ability in another language.

Note: the Beginners' option is not available to those who have studied A-level or AS-level Spanish.

All applicants:

If you plan to study Spanish as a Joint Honours degree or as part of a BSc/LLB/MSci degree you should refer to the subject requirements for the other course.

For students whose first language is not English

An IELTS score of 6.5 with a minimum of 5.5 in each test component or an equivalent acceptable qualification, details of which are available at: go.qub.ac.uk/EnglishLanguageReqs

Student Experience

Students run a lively Spanish and Portuguese Society, and staff offer support through a personal tutoring system, skills development programme and a structured framework for feedback.

CAREERS/FURTHER STUDY

Studying for a Spanish degree at Queen's will assist students in developing the core skills and employment-related experiences that are valued by employers, professional organisations and academic institutions. Graduates from this degree at Queen's are well regarded by many employers (local, national and international) and over half of all graduate jobs are now open to graduates of any discipline.

Queen's has a strong focus on employability and 94.4 per cent of Queen's graduates are in employment or further study 6 months after graduation (HESA Destination of Leavers from Higher Education Survey, 2015/16).

Although the majority of our graduates are interested in pursuing careers in law, business, banking and translation, significant numbers develop careers in a wide range of other sectors. Typical careers pursued by graduates in Spanish can include publishing, education/teaching, translation/interpreting, PR, Fast Stream Civil Service, and banking.

Employer Links

We regularly consult and develop links with a large number of employers including, for example, Santander and the British Council, who provide sponsorship for our year abroad placements as well as Rolls Royce, PwC and Moy Park/MARFRIG who are members of the employer liaison panel for the course.

Placement Employers

Our past students have also gained work placement with organisations such as the British Council Assistantships Programme, Santander Bank, and PwC.

Graduate Careers and Achievements

Many of our former graduates have risen to the top of their fields and include many famous figures, for example:

- Hilary Oliver, Managing Director, Cameo Productions
- Carla Leonard, Business Performance Manager, Barclays
- Nuala McKeever, Comedian
- Niall Donnelly, Reporter, UTV



Further Study

Further study, including Master's programmes, is also an option; see the School website for further information.

Entrance requirements

e: admissions@qub.ac.uk
t: +44 (0)28 9097 3838

Course information

Dr Sarah Bowskill
Head of Area, Spanish and Portuguese
School of Arts, English and Languages

e: s.bowskill@qub.ac.uk
t: +44 (0)28 9097 1141
w: qub.ac.uk/ael

"I've really enjoyed my time studying Spanish at Queen's. The lecturers are all really friendly and approachable, and the small class sizes make it easy to get to know your tutors and classmates. The language classes are well-organised and cover all aspects of language learning, such as grammar and vocabulary acquisition, conversational fluency and contextual cultural information." Emer O'Toole
BA Spanish

STRUCTURAL ENGINEERING WITH ARCHITECTURE

Structural Engineering with Architecture is concerned with the planning, design, construction, sustainability, management, energy use, aesthetics and rehabilitation of the built environment. Fields of activity include architectural design, structures, foundations, building technology, urban space and form and architecture. Structural engineers require not only technical skills, but are also concerned with working in, and managing, multidisciplinary design teams. Structural Engineering with Architecture is one of a family of Civil Engineering degrees at Queen's University Belfast. Civil Engineering was one of the founding degrees at Queen's, making it one of the oldest in the UK and Ireland. Lecturers lead high-quality research, which is reflected in their excellence in teaching.

COURSE CONTENT

This degree is designed to provide students with a good basis for a professional career as a chartered Structural Engineer working with architects and environmental planning. Emphasis is placed on the practical application of theory through design and laboratory work.

Stage 1

Students study the fundamentals of civil engineering theory and practice. This forms the transition from the basic mathematics and sciences studied at secondary level to the application of engineering.

Stage 1 courses provide a foundation in engineering mathematics, construction materials, fluids mechanics, structural behaviour, surveying, and engineering design.

Stage 2

The major knowledge of civil engineering subjects, concentrating on structural analysis, and their application within design are developed. Students are introduced to urban space and form, architectural design and the application of communications in a professional context is further enhanced. They work closely with other students on the Environmental Planning programme.

Students on the sandwich degree will take an Industrial Placement Year between Stages 2 and 3 or between Stage 3 and 4.

Stage 2 courses develop students' understanding of the core areas of geotechnics, structures, mathematics, and design. Students specialise in structural engineering by taking courses related to architecture and urban planning.

Stage 3

Theory is now applied in a professional context. Students are introduced to building architecture and technologies as well as management and economics. All students also undertake a major individual research project and work closely in design studios with those on the Architecture programme.

Stage 3 courses extend students' understanding of the core areas of geotechnics, structures, construction management and design. Students specialise structural engineering by taking courses related to architectural design.

Stage 4

The MEng is an 'Integrated Masters' degree, meaning Stage 4 is set at Masters level. Students develop increased knowledge of structural design related to architecture and business management and work in teams on large integrated designs.

MEng Honours

Structural Engineering with Architecture 4 yrs (H2K1)

Structural Engineering with Architecture with a Year in Industry 5-yr SW (H2KC)

Entrance Requirements

A-level:

AAA including Mathematics and at least one from Biology, Chemistry, Computing, Digital Technology, Geography, ICT (not applied), Physics, Software Systems Development or Technology and Design.

Note: applicants not offering Physics at A-level should have a minimum of a grade B/6 in GCSE Physics or GCSE Double Award Science grades BB/66.

Note: applicants for the MEng degree will automatically be considered for admission to the BEng Civil Engineering degree if they are not eligible for entry to the MEng degree both at initial offer-making stage and when results are received.

Option to Transfer: transfers between BEng Civil Engineering degree and this MEng may be possible at the end of Stage 2..

For students whose first language is not English

An IELTS score of 6.0 with a minimum of 5.5 in each test component or an equivalent acceptable qualification, details of which are available at: go.qub.ac.uk/EnglishLanguageReqs



Stage 4 courses focus on design, construction management, and deepens students' understanding of structures and geotechnics.

WHY QUEEN'S?

Accreditation: this degree is accredited as fully satisfying the educational base for a Chartered Engineer (CEng), see jbm.org.uk.

Placement: many of our students have gained international work placement through organisations such as IAESTE.

Scholarship Scheme/Employer Links: we have links with many local, national and international employers, some of whom provide sponsorship through the national QUEST Scholarship Scheme. We also have a Civil Engineering Advisory Panel, which includes members from the major employers.

CAREERS/FURTHER STUDY

All major building projects require structural engineers for concept, design and construction. They complement the expertise of architects and, with their broad knowledge of structures, materials and services,

Structural Engineering with Architecture graduates are ideally suited to this role. They may also expect to find employment in the expanding area of civil engineering, building management, maintenance and refurbishment.

Our graduates are also to be found in many other areas of employment where the skills and discipline of evaluating facts, decision-making and management have provided them with the basis for rewarding and interesting careers.

Studying for this degree will help you develop the core skills and employment-related experiences that are valued by employers, professional organisations and academic institutions.

Many of our former graduates have risen to the top of their fields and include many famous figures, eg Peter Rice (Designer of Sydney Opera House, Centre Pompidou, Louvre Pyramid), and Tan Sri Datuk Chin Fung Kee (led the design and construction supervision of the Penang Bridge, and helped found the University of Malaya, and was Vice-Chancellor).

Although the majority of our graduates pursue careers in Civil Engineering, significant numbers develop careers in a wide range of other sectors.

Further Study

Further study is also an option open to our graduates – graduates can choose from several Master's programmes as well as a comprehensive list of research topics; see the School website for further information.

Entrance requirements

e: admissions@qub.ac.uk
t: +44 (0)28 9097 3838

Course information

School of Natural and Built Environment

e: snbe@qub.ac.uk
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w: qub.ac.uk/schools/NBE

ZOOLOGY

Zoology is the study of animals, from the simplest invertebrates to the largest terrestrial or marine mammals. Simple animals often provide models for the study of higher, more complex species (including humans) and help drive basic research that transcends the subject boundaries.

Animals interact with each other and with their environment, forming complex relationships such that zoologists need a broad understanding of the living world, life processes and the animal kingdom. Importantly, zoonotic diseases are an ever growing threat to human health. Exciting progress is being made in animal biology and behaviour, animal health and welfare and in the management of animal communities, emerging infectious diseases, de-extinction and addressing climate change making this the perfect time to study Zoology.

COURSE CONTENT

The BSc in Zoology at Queen's aims to provide students with a broad coverage of the biology of animals and how they interact with other living organisms.

The modules are:

Stage 1

- Biodiversity
- Molecular Basis of Life
- The World of Microorganisms

This module combination provides students, who may be undecided as to their final specialist degree area, with considerable flexibility as they enter Stage 2; at this stage students enrolled in Zoology can move into Marine Biology or Biological Sciences.

Stage 2

- Coastal and Oceanic Biology
- Animal Biology and Physiology
- Cell Biology 2
- Cell Biology 1
- Forensics
- Invertebrate Biology
- Applied Ecology
- Applied Genetics
- Microorganisms in Action
- Work Placement

Work Placement

- Zoology students can complete a 16-week degree-related work placement
- Zoology with Professional Studies students will complete a one-year, degree-related work placement

Students undertaking the Professional Studies programmes will spend a minimum of 46 weeks in a work placement. During their placement they will complete project type work and gain a transferable skill set sought by future employers. Preparations for work placements will begin in the first semester of Stage 2. Recent placements have included Harnas Wildlife Foundation (Namibia), Mopane & Mapesu Private Game Reserve (South Africa), Kindred Spirit Elephant Sanctuary (Thailand), Wildfowl and Wetlands Trust

Stage 3

- Conservation Biology
- Behavioural Ecology
- Sustainable Oceans
- Medical Microbiology
- Global Change Biology
- Immunology and Pathogenesis of Infectious Diseases
- Parasitology
- Zoonoses
- Farm Animal Health and Welfare
- Research Project (BSc programmes only)

The research project generally involves practical work carried out in the field and laboratory or at Queen's University Marine Laboratory in Portaferry, or in one of the many active areas of research in the School of Biological Sciences such as Parasitology Animal Physiology and Tracking, Animal Behaviour, Animal Welfare and Zoonotic Diseases. Additionally, it may be carried out during summer placement.

BSc Honours

Zoology 3 yrs (C300)

Zoology with Professional Studies 4-yr SW (C301)

MSci Honours

Zoology 4 yrs (C302)

Zoology with Professional Studies 5-yr SW (C305)

Entrance Requirements

BSc

A-level:

BBB including Biology and at least one from Chemistry (preferred), Geography, Mathematics or Physics + GCSE Chemistry grade C/4 or GCSE Double Award Science grades CC/44 + GCSE Mathematics grade C/4 OR

BBB including Double Award Applied Science or Double Award Life and Health Sciences + GCSE Biology grade C/4 and Chemistry grade C/4 or GCSE Double Award Science grades CC/44 + GCSE Mathematics grade C/4 OR

ABB including Biology + GCSE Chemistry grade C/4 or GCSE Double Award Science grades CC/44 + GCSE Mathematics grade C/4.

MSci

A-level:

AAB including Biology and at least one from Chemistry (preferred), Geography, Mathematics or Physics + GCSE Chemistry grade C/4 or GCSE Double Award Science grades CC/44 + GCSE Mathematics grade C/4 OR

AAB including Double Award Applied Science or Double Award Life and Health Sciences + GCSE Biology grade C/4 and Chemistry grade C/4 or GCSE Double Award Science grades CC/44 + GCSE Mathematics grade C/4 OR

AAA including Biology + GCSE Chemistry grade C/4 or GCSE Double Award Science grades CC/44 + GCSE Mathematics grade C/4.

Note: MSci applicants will automatically be considered for admission to the BSc if they are not eligible for entry to the MSci, both at initial offer-making stage and when results are received.

All applicants: It would be an advantage to have studied Chemistry beyond GCSE level.

Option to Transfer: transfers between BSc and MSci may be possible at the end of Stage 2.

For students whose first language is not English

An IELTS score of 6.5 with a minimum of 5.5 in each test component or an equivalent acceptable qualification, details of which are available at: go.qub.ac.uk/EnglishLanguageReqs

Stage 4 (MSci Students only)

Research Project

The research project involves practical work carried out in the field and laboratory or at Queen's University Marine Laboratory in Portaferry, or in one of the many active areas of research in the School of Biological Sciences such as Parasitology and Animal Behaviour. Exciting possibilities are also available abroad with our collaborators involved in conservation projects in Africa, South Africa, America and Thailand. There are no taught modules or examinations in this year, allowing students to concentrate fully on their research activity.

WHY QUEEN'S?

Professional Recognition

The BSc Zoology and BSc Zoology with Professional Studies have been accredited by the Royal Society of Biology following an independent and rigorous assessment. Accredited degree programmes contain a strong academic foundation in biological knowledge and key skills, and prepare graduates to address the needs of employers.

The MSci Zoology and MSci Zoology with Professional Studies hold advanced accreditation with the Royal Society of Biology. Advanced Degree Accreditation by the Society recognises academic excellence in the biosciences, and highlights degrees that educate the research and development leaders and innovators of the future.

Work Placement

Work placements on these programmes provide students with the opportunity to utilise the practical skills gained during the teaching of their degree and apply these in a work environment.

Past students have gained work placement within organisations such as Belfast City Hospital, Royal Victoria Hospital, Northern Ireland Environment Agency, Castle Espie, National Trust, North Atlantic Whale Foundation, Ulster Wildlife Trust, Harnas Wildlife Foundation Namibia, Mopane & Mapesu Private Game Reserve, South Africa, Health Service, Kindred Spirit Elephant Sanctuary, Turtle Foundation and many more.

Zoologists at QUB have the opportunity to avail of the strong international links with Universities in South Africa, America and Canada. In addition there is the opportunity to volunteer or carry out projects at many international sites including the

elephant sanctuary in Thailand, African Wildlife rehabilitation in Namibia and South Africa as well as many other countries.

CAREERS/FURTHER STUDY

Graduates are qualified to take up both scientific and non-scientific careers. These positions encompass areas of innovative research and development of new products, advisory and consultancy work, particularly in companies or organisations concerned with animal and plant health, environmental management, pharmaceutical products and biotechnology.

Graduates pursue careers in teaching, nature conservation and laboratory-based posts in biomedical, industrial, pharmaceutical, academic and government institutions as well as in universities and colleges of higher education. The remainder undertake further training in areas such as computing, administration and management or medicine (human or veterinary), developing their skills from a sound scientific background. Further training also helps them to find employment in a variety of non-biological careers, including public service administration, industrial management, accountancy and computing.

Employers are looking for graduates with generic skills of communication, problem-solving, data analysis, social skills, a range of interests and a record of success. We believe that a degree in Zoology will help our students to develop these skills. For further information on careers see the Institute of Biology website..

Employer Links

The School of Biological Sciences employs a dedicated careers adviser who has developed an extensive portfolio of employers, both nationally and internationally, within the science sector. Advice is also provided on CV preparation, interview techniques and securing summer work or longer placements. Our past students have also gained work placement with organisations such as:

- Northern Ireland Water Ltd
- Environment Agency
- Forensic Service
- Moy Park
- North Atlantic Whale Foundation
- National Trust
- Randox Laboratories
- Norbrook Laboratories Ltd
- The Almac Group

- Castle Espie
- Belfast Zoo
- RSPB
- Ulster Wildlife Trust
- Kindred Spirit Elephant Sanctuary
- Harnas Wildlife Foundation
- Mopane and Mapesu Private Game Reserve
- Turtle Foundation
- Wildlife and Wetland Trust

Further Study

Many students complete higher degrees, either in the UK or overseas, before embarking on a career in medical, veterinary, agricultural and environmental research. Students can choose from a wide range of Master's programmes at Queen's, as well as a comprehensive list of research topics. Many graduates also choose to complete the postgraduate teacher training programme (PGCE) for entry into a teaching career.



Entrance requirements

e: admissions@qub.ac.uk
t: +44 (0)28 9097 3838

Course information

Dr Nikki Marks
Programme Director
School of Biological Sciences

e: biosciences-ug@qub.ac.uk
t: +44 (0)28 9097 5786
w: qub.ac.uk/bb

WHAT NEXT?

OPEN DAYS

To get a taste of Queen's, visit our Open Days. Activities will include tours of the Elms accommodation, subject-specific talks and displays and clubs and societies demonstrations.

Our Open Days will take place:
Thursday 10 September 2020
Friday 11 September 2020
Saturday 12 September 2020 (Family Day)

For more information, please visit: qub.ac.uk/opendays

Private visits are also available for prospective students who are unable to make the Open Days.

For more information contact the Student Recruitment Team

t: +44 (0)28 9097 1323
e: studentrecruitment@qub.ac.uk

International students should contact the International Office

t: +44 (0)28 9097 5088
e: international@qub.ac.uk

SCHOOL LIAISON ACTIVITIES

The Student Recruitment Team delivers a variety of liaison activities in schools across Northern Ireland, Great Britain and the Republic of Ireland and also attends the major UCAS higher education events in the United Kingdom.

Our school liaison activities include:

- Participation in school and college organised careers conventions
- Presentations highlighting the study opportunities available at Queen's
- Presentations and events to raise aspirations of higher education
- Curriculum-linked presentations and events
- Information events for parents to offer advice and information about the higher education system

KEY DATES

Autumn Semester
20 September 2021 -
17 December 2021

Christmas Vacation
Thursday 23 December 2021 -
Friday 3 January 2022

Spring Semester
10 January 2022 - 8 April 2022

Easter Vacation
11 April 2022 - 29 April 2022

GET IN TOUCH

KEY CONTACTS

Undergraduate Admissions Inquiries
t: +44 (0)28 9097 3838
e: admissions@qub.ac.uk
w: qub.ac.uk/ado

General Undergraduate Inquiries
t: +44 (0)28 9097 1323
e: studentrecruitment@qub.ac.uk

International Office
t: +44 (0)28 9097 5088
e: international@qub.ac.uk

International Student Support
t: +44 (0)28 9097 3820
e: iss@qub.ac.uk

Student Finance
t: +44 (0)28 9097 3223 (Helpline)
w: qub.ac.uk/TuitionFees

Queen's Accommodation
t: +44 (0)28 9097 4525
e: accommodation@qub.ac.uk
w: stayatqueens.com

LOOK AT OUR WEBSITE

For the most up-to-date course information and to find out more on student life at Queen's, or your study environment, visit qub.ac.uk

SOCIAL MEDIA

Follow us to discover real-world advice, free events, exclusive competitions and even more reasons to #LoveQUB.



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DISCLAIMER

This prospectus is published annually and therefore represents the course structure at the time of publication (February 2020). The most up-to-date version of this document is available from go.qub.ac.uk/prospectusdownload

For the most up-to-date course information, please visit: go.qub.ac.uk/coursefinder

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This publication is also available in alternative formats on request, including large print, Braille, tape, audio CD and Daisy CD. For further information, please contact the University's Marketing, Recruitment, Communications and Internationalisation team on t +44 (0)28 9097 2586.



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