IT ALL STARTS HERE
Thank you for considering applying to study with us here at Queen's University Belfast.

We know there is a lot of information to take on board and to consider when making the decision about which university to study at. It’s a big decision to make and one which entails much more than looking at what degree courses are on offer.

Here at Queen’s University, we’re aware of what really matters to students when making that all-important decision – how much does it cost; what are the employment opportunities once you graduate; how well does the University perform in the rankings.

In this Prospectus, you’ll find all the answers to these questions and much more, including how you can see the world by joining us at Queen’s.

As a Queen’s University student, you will join a university that is truly international. We have been named the 25th most international university in the world and have some 2,200 international students who help to create a multicultural and vibrant campus.

This means that no matter where you come from, you will get the opportunity to have an international experience right here in Belfast – whether that be by making friends with students from all over the world or by taking the opportunity to travel and explore the world through our extensive study abroad and study tour opportunities.

Thanks to our links with more than 250 partner institutions and over 3,000 employers worldwide, hundreds of our students do just that each year and you could be one of them.

I hope you enjoy reading the Prospectus and discovering all that Queen’s and Belfast has to offer, and that it helps in your decision to join us. I look forward to welcoming you on campus.

Professor James C McElroy
Acting President and Vice-Chancellor
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 ten of the reasons you should join the leaders of tomorrow.

1. WE’RE A RUSSELL GROUP UNIVERSITY
   We’re ranked in the top 1% of universities in the world, so a degree from Queen’s is something to be proud of. (QS World University Rankings 2018; Webometrics.info)

2. OUR RESEARCH HAS GLOBAL IMPACT
   We’re joint 8th in the UK for research intensity (REF 2014) Times Higher Education) and our world-leading research informs our courses, meaning that what you learn is as relevant as it can be.

3. YOU’LL BE TAUGHT BY WORLD-LEADING ACADEMICS
   We’ve won the Queen’s Anniversary Prize, which recognises universities and colleges which have demonstrated excellence, innovation, impact and societal benefit, on six occasions.

4. YOU’LL BENEFIT FROM £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, placing us joint 2nd in the UK for university facilities. (Times Higher Education; Student Experience Survey 2017)

5. WE’RE IN THE UK’S BEST CITY
   Queen’s is at the social and cultural heart of Belfast, named the best region in the UK (Lonely Planet, 2017), and among the top five most affordable student cities in the UK. (Marbles.com, 2017)

6. FROM HERE, YOU CAN GO ANYWHERE
   You can enhance your degree with a range of study or work abroad opportunities, opening you to broaden your horizons, enrich your university experience and gain the edge in the graduate job market.

7. BRAND NEW CITY CENTRE ACCOMMODATION
   Our student accommodation is among the most affordable in the UK (Natswest Student Living Index 2017), and we’ve added 1,237 new rooms across two brand new city centre sites for 2018.

8. YOU’LL BE FULLY SUPPORTED
   We offer a network of support services, such as the Student Guidance Centre, and a range of generous scholarships to help you get the most from your time at Queen’s.

9. WE’LL ENABLE YOUR FUTURE CAREER
   We are dedicated to student employability and our strong industry links mean over 94% of Queen’s graduates are in employment or further study six months after graduation. (HESA Destination of Leavers from Higher Education Survey, 2015/16).

10. YOU’LL FIND A PLACE TO BELONG
    There are over 200 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 Ireland and the UK*.

*(Guardian University Guide 2016)
**HERITAGE AND HEROES**

As the UK’s 9th oldest University, our history is rich with brilliant leaders, inspiring thinkers and incredible achievers who have been shaping a better world since 1845.

**IRELAND’S EINSTEIN**

John Stewart Bell is known throughout the world of physics as originator of “Bell’s theorem” or “Bell’s inequality.” Dubbed one of the top ten physicists of the 20th century by the Institute of Physics, he is considered by some scientists to rank alongside Isaac Newton and Albert Einstein.

**THE WORLD’S BEST-KNOWN POET**

World-renowned Irish poet, playwright, translator and lecturer, Seamus Heaney was awarded a BA in English from Queen’s in 1961. He was also a lecturer in Modern English Literature at Queen’s and Harvard’s Poet in Residence.

**AWARD-WINNING ACTOR**

Hollywood actor Liam Neeson, OBE was first a Physics and Computer Science undergraduate at Queen’s in 1971 before receiving his honorary doctorate in 2009. He was nominated for an Oscar for his role in *Schindler’s List*.

**BRITISH FEMALE INVENTOR OF THE YEAR**

Máire O’Neill graduated from Queen’s as a Master of Engineering in 1999 and is widely regarded as one of Europe’s leading cryptography experts working to enhance global data security. She received the prestigious 2014 Royal Academy of Engineering Silver Medal, one of only five engineers who have received the medal in national recognition for their contribution to society.

**NORTHERN IRELAND’S FIRST PRESIDENT OF IRELAND**

After graduating from Queen’s with a law degree in 1973, Mary McAleese was called to the Northern Irish Bar in 1974 and practised criminal and family law. Serving as the eighth President of Ireland from 1997 to 2011, she was the second female President and is the first President of Ireland to have come from Northern Ireland. She remains a member of the Irish Bar.

**THE FATHER OF EMERGENCY MEDICINE**

Professor James Francis Pantridge was a physician and cardiologist who transformed emergency medicine and paramedic services with the invention of the portable defibrillator. In 1969 he was appointed Officer of the Order of St. John (OStJ) and he was appointed Commander of the Order of the British Empire (CBE) in the 1979 New Year’s Honours.

**OUR NOBEL PRIZE WINNERS**

Three Nobel Prize winners have worked or studied at Queen’s:

- William J Clinton
- Liam Neeson
- Máire O’Neill

**HOW OUR ALUMNI CAN HELP YOU**

Queen’s alumni enjoy lasting connections with a network of over 180,000 individuals who are making a real difference in more than 120 countries around the world.

Our alumni include high-profile graduates who are making an impact globally in many fields, and membership of our alumni network opens the door to an array of amazing benefits, from social activities to careers support.

For further information, please contact:

Ian Moore
Head of Alumni Relations
Queen’s University Belfast
T: +44 (0)28 9097 5218
E: alumni@qub.ac.uk
W: qub.ac.uk/alumni
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.

how.do.gfs@qub.ac.uk/heart

HOW DO WE HELP SOCIETIES RECOVERING FROM CONFLICT?

The Senator George J Mitchel 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.

how.do.gps@qub.ac.uk/mitchell

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

The multi award-winning Institute of Electronics, Communication 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.

how.do.ecit@qub.ac.uk

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 Centre for Cancer Research and Cell Biology (CCRCB), the Centre for Public Health (CPH) and the Wellcome-Wolfson Institute for Experimental Medicine.

how.do.ihs@qub.ac.uk/ihs

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.

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HITTING THE HEADLINES

76% of our research is classified in the top two categories of world leading and internationally excellent. (REF 2014)

A STUDENT’S RESEARCH EXPERIENCE

“I chose Queen’s because of the sheer amount of research happening at the Centre for Cancer Research and Cell Biology (CCRCB). 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 CCRCB 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 23,000 students live and study at Queen’s. Over 82 countries are represented by the student body including Malaysia, China, the Indias, the Middle East and the United States. 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 25th in the world for global outlook*. 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 £1.5 million of scholarships to International Students (see page 53 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.

WE’LL GIVE YOU THE OPPORTUNITY TO:

- Meet students from over 82 countries.
- Gain the edge in the global job market.
- Study, work or volunteer abroad. (See pages 16-17).

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 prayer rooms close to campus.
- Easy access to specialty foods such as halal butchers, and Asian and Polish supermarkets, as well as international restaurants (see page 39).
- A guaranteed place in Queen’s accommodation with living options including same-sex living, no-alcohol living and quiet-living (see page 30-31 for more).
- A five-day dedicated orientation programme on arrival.
- Support and advice on everything from healthcare to visa applications.

A COSMOPOLITAN CAMPUS

Queen’s plays a key role in the internationalisation of Northern Ireland and 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. There are also a host of clubs and societies on campus celebrating the diversity of our student body (see page 24-25).

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- A five-day dedicated orientation programme on arrival.
- Support and advice on everything from healthcare to visa applications.

“Queen’s University is a place where you will find the best quality in education, with a campus that would make you fall in love with it every single day, and people that will always have a smile for you, no matter the circumstances”.

Susana Velasquez
MSc Process Engineering, Colombia

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

International Student Support
0: +44 (0)28 9097 3820
e: iss@qub.ac.uk
w: qub.ac.uk/isso
A PLACE OF POSSIBILITY

14 Employability
16 Global Opportunities
18 Sport
22 Students' Union
24 Clubs and Societies
26 Student support
27 INTO Queen's
Our Careers, Employability and Skills team can help you to develop your employability throughout your time at Queen’s and beyond. Our team includes professionally qualified careers consultants, employer engagement staff and a global opportunities team. We can support you in making career decisions, develop your skills and confidence, and help you take advantage of opportunities including studying abroad, work experience and graduate jobs.

**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.

**PIONEERING WORKPLACE STUDY TOURS**
Our specialist Employer Engagement team work to communicate your value to potential employers in the global job market through our pioneering Workplace Study Tours. Each tour group visits around eight to 10 graduate employers and engages in a range of business games, case studies and related exercises reflecting recruitment selection practices. Our current tours include Brussels, London Finance and Business Tour, London Law Tour, as well as a Global Leadership Programme in Asia and the USA.

“*I feel that the Study Tour experience has had a significant impact on my career development and future career plans. It has opened my eyes to the vast opportunities available in the finance sector.*”
Clodagh McCambridge
Actuarial Science and Risk Management

**CONNECTING YOU WITH EMPLOYERS**
Many employers hire graduates that they already know, so you’ll reap the rewards of our industry links. Our internship programmes place you with an employer, giving you an insight into how the world of work and business operates. What’s more, our alumni mentoring scheme connects high-level employers and alumni around the world - New York, Paris and London.

“I’ve gained a real insight into the media industry via meeting successful journalists. Joining The Edit has helped expand my skills, improve my confidence and really added to my CV.”
Orla Traynor
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 extra-curricular, 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.

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

“There are loads of opportunities at Queen’s, including hackathons and other competitions with great prizes on offer. I entered a global competition run by a huge engineering firm as part of a team and ended up placing 4th in the world! As part of the prize, we got a guided tour of the facility and met senior engineers in the company!”
Thomas McRoberts
Software and Electronic Systems Engineering
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.

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.

(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 Language Centre, located within the McClay Library, before they go abroad. Please visit: go.qub.ac.uk/langcent

GLOBAL OPPORTUNITIES!

Every year over 800 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.

EXPLORE THE WORLD

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.

For more information about global opportunities:

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

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.

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)
SPORTING ACTION

Since our foundation in 1845, sport has played an important part in the Queen’s student experience. Today, we’re one of the premier sporting universities in the UK and Ireland, and we encourage all our students to benefit from the positive effects of sport – whatever your level.

Our world-class indoor and outdoor sporting facilities will help you lead a healthy, active lifestyle, and are ideal for recreational, competitive or high-performance athletes. We’ve invested over £20m in recent years improving our state-of-the-art facilities so there are even more opportunities for you to work-out and play.

There are over 50 sporting clubs, giving opportunities for students of all abilities to compete, socialise or get active, and our campus-wide sports programme encourages participation in a range of activities throughout the academic year.

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 fast-paced Gaelic football or hurling match. The Belfast City Marathon attracts 20,000 participants from around the world every year.
OUTDOOR FACILITIES

QUEEN’S SPORT MEMBERSHIP

Located next to the main campus you will find the hub of Queen’s Sport – the Physical Education Centre (PEC). Here you will 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 10pm on weekdays and 9.00am to 6pm on weekends.

Over 8,000 students take out a Queen’s Sport membership each year. Queen’s Sport 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 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 help talented athletes achieve their potential through our specialist scholarships, such as the Elite Athlete Programme, which offers a support package including £3,000 per year for tuition fees and £2,000 a year for living and travel costs (see page 52 for more details). Our Scholarship programmes are one of just 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
queensport.com
Performance Sport
queensperformanceport.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.

Rachel Powell
Equality and Diversity Officer

Stephen McCrystall
President

Jessica Elder
Welfare Officer

Lucy Gault
Education Officer

Faisal Kadiri
Activities Officer

WELSH EXPERIENCE

Queen’s Students’ Union is here to make your life at Queen’s exciting, rewarding and fun. Ranked 6th for student experience in The Times Higher Education Student Experience Survey 2017, it offers a range of services including personal advising and enterprise opportunities, clubs and societies, advice, entertainment, bars, shops and much more.

WE’RE LED BY STUDENTS, FOR 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.

MEET NEW PEOPLE AND HAVE FUN

Make the most of your time at Queen’s by joining one of our 200+ clubs and societies (see page 24-25) or join the 5,000 students that are involved in volunteering at Queen’s every year. Homework Clubs is one of our top Volunteer SU initiatives for students. Through tutoring, we help inspire young people in some of the most educationally underachieving areas of Belfast to be successful and go on to do great things.

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.

BE ENTERPRISING AND DEVELOP YOUR BUSINESS SKILLS

With business one-to-one, 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 has four advisers who are dedicated to providing students with free, independent, confidential and accurate advice. Pop in when you need a helping hand.

AND RELAX

There are bars, shops and numerous spaces for you to relax, grab lunch, watch live sport on TV, play pool, go to gigs and catch up with friends.

The Union’s entertainment venues are open 7 days a week and best of all, it’s always free to get in.

Rachel Powell
Stephen McCrystall
Jessica Elder
Lucy Gault
Faisal Kadiri

We’ve invested in a new Student Centre, including a new Students’ Union facility (see page 34 for more details).

Further Information
Queen’s Students’ Union
w: qubsu.org
Union President
e: su.president@qub.ac.uk

Queen’s University Belfast – Undergraduate Prospectus 2019
JOIN THE CLUB!

Meet new people, have fun and make the most of your time at Queen’s by joining one of our 200 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 11,000 students are members of our student-led clubs and societies. They give you a little bit more: more fun; more time to be part of something; more time to improve your skills.

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 clubs 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 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, you can get credit towards a Queen’s University Degree Plus Accreditation (see page 14-15).

“Skydiving is the best way to relax after a hard week of lectures, assignments and homework. Joining the club is the easiest and most affordable way to begin skydiving. You will make friendships that will last a long time after you have finished University. Most importantly, you will get to experience the most incredible thing in your life.”

Rafal Kacprzyk
Skydiving Club President

“I wanted to try something new and escape the city at weekends so I signed up to the Surf Club. I love how enthusiastic and passionate everyone is, from encouraging beginners to fall in love with the sport right up to advance surfers learning new tricks. There’s a real ‘no one gets left out’ attitude. We get everyone involved in the social events and trips, both around Ireland and abroad to Portugal, Spain and Morocco.”

Lucy Rutherford
Surf Club

“I have had so many amazing opportunities with Queen’s Dance Society, from travelling across the UK and Northern Ireland for dance competitions to performing in multiple University and charity events including our very own Strictly Come Dancing! I have also made friends for life and memories that will stay with me forever.”

Rachel Darragh
President of the Dance Society

“When I found out there was a sailing club at Queen’s, I was really keen to get involved. When I first went to training, the people I met were lovely and really encouraged me. The team racing is challenging and I find I am always learning. I love the social side of the club most. We have our weekly training, socials nights, fundraisers, inter-varsity events across Ireland, and the highlight of the year for me which was our yachting holiday to Croatia - now an annual event!”

Jocelyn Hill
Sailing Club

MAKE IT COUNT

“Changing the conversation has never been more important. If you’ve ever wanted to make your voice heard, the Literific Debate Club is the place to be. Our debates are free to attend and open to everyone. We cover a wide range of topics, from current events to classic literature. It’s a great way to practice your public speaking skills and meet new people who share your interests.”

Rachel Darragh
President of the Literific Debate Club

“Queen’s has a fantastic range of clubs and societies that cater to all interests. From music to sports, philosophy to politics, there really is something for everyone. And it’s not just about having fun – being part of a club can help you develop new skills and expand your horizons.”

Rafal Kacprzyk
President of the Skydiving Club

“Queen’s is full of opportunities to get involved and make a difference. Whether it’s through volunteering, fundraising, or simply enjoying your hobbies with like-minded people, there’s something for everyone. So why not join us and make your mark on campus?”

Jocelyn Hill
President of the Sailing Club

Queen’s University Belfast – Undergraduate Prospectus 2019

Queen’s University Belfast – Undergraduate Prospectus 2019
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 everything from Careers, Employability and Skills services to counselling and help with IT. We provide an introduction to our virtual learning and email services, and advice and support on how to get the best out of University and personal IT equipment. go.qub.ac.uk/studentguidance

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 90) to help students before arrival, providing specialist visa and immigration advice to students.

go.qub.ac.uk/isso

STUDENT SUPPORT

RESILIENCE, WELLBEING AND COUNSELLING

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

go.qub.ac.uk/resilience

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.

go.qub.ac.uk/AdviceSU

CHILD CARE

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

INTO PROVIDES ACADEMIC PREPARATION AND ENGLISH LANGUAGE COURSES TO HELP PREPARE INTERNATIONAL STUDENTS FOR FUTURE STUDY AT QUEEN’S.

ACADEMIC AND ENGLISH LANGUAGE PREPARATION FOR UNIVERSITY

At the INTO Queen’s Centre you will find small, focused classes, an inspiring learning environment and highly qualified staff dedicated to the highest standards of teaching and personalised support.

INTO ENGLISH LANGUAGE COURSES

INTO Queen’s offers a range of English language courses to International students who need to meet the English requirements for study. The courses run from four weeks to multiple semesters, depending on your English needs and academic goals.

INTO ACADEMIC PREPARATION PROGRAMMES

Our academic preparation programmes provide subject-focused pathways to broader full-time study at Queen’s.

SCHOLARSHIPS

Scholarships are available for all three academic preparation programmes at INTO Queen’s. See go.qub.ac.uk/INTOScholarship for more details and how to apply.

HOW TO APPLY

You may apply for an academic or English language programme by submitting a direct application form online at: go.qub.ac.uk/INTOapply

Alternatively, for further information, please contact us at:

t: +44 (0)28 9097 6850

e: info@qub.ac.uk

INTERNATIONAL FOUNDATION

The International Foundation provides entry to the first year of over 70 undergraduate degree programmes here at Queen’s. The pathways are:

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

INTERNATIONAL YEAR ONE

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

• Accounting
• Engineering
• Management and Finance
• Integrated International Year One in Engineering

GRADUATE DIPLOMA

The Graduate Diploma is a full-time academic programme that prepares you for direct entry to over 25 selected Master’s courses at Queen’s. The pathways are:

• Finance
• Management
• Social Sciences

To provide entry to the four pathways available:

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

For further information, please contact us at:

t: +44 (0)28 9097 6850

e: info@qub.ac.uk
IT BEGINS IN BELFAST

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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
• Private or shared bathrooms
• Studio, one to six bedroom apartments
• Twin, standard, premium standard and en suite room options
• Dedicated no-alcohol accommodation

AFFORDABLE ACCOMMODATION

Queen’s currently has over 3,485 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-six bed apartments and studios.
15 minutes walk to campus
Less than five minutes from city centre
From £130pw
Brand new!

QUEEN’S HOUSES
76 Malone Road, College Gardens, Mount Charles, Guthrie House
In the heart of Belfast’s most ethnically-diverse and culturally-rich areas.
Two rooms, standard, double, premium and en suite rooms. (Please note, 76 Malone Road is reserved for students from outside Northern Ireland).
5-10 minutes walk to campus
10-20 minutes walk to city centre
From £75pw
Best for independent living

ACCOMMODATION FEES
(based on 2018-19 prices)
Cost per week
Twin bedroom with shared facilities prices from £75
En suite single room prices from £130
Exclusive one-bedroom apartment prices from £175

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10-20 minutes walk to city centre
From £75pw

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
Quiet living, no alcohol and single sex options
15 minutes walk to campus
25 minutes walk to city centre
From £100pw

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25 minutes walk to city centre
From £100pw
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 form as soon as you have received a conditional or unconditional offer to study at Queen’s. 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 2019.

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 2017

NO HIDDEN CHARGES

Our all-inclusive residential fees include all utility bills (electricity, heating and hot water), contents insurance, maintenance repairs, TV licence for communal 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 7 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 7 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 Wi-Fi.

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: stayatqueens.com
Step inside your £700million classroom. You’ll benefit from 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**

The new £20million School of Law, including a Moot Court Room, and The Herbert Smith Freehills Student Hub, exemplifies Queen’s commitment to the future-thinking needs of its students. Further along the campus skyline, the exciting new facilities and space in the colourfully redeveloped Computer Science Building marks our recognition of the importance of this subject to the global market. It features computer labs, project spaces, breakout rooms and a three-floor Student Hub.

**BOARD THE ‘STARSHIP FOR SCHOLARS’**

Designed by the same architects behind the libraries at Yale and Harvard, its 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, temperature-controlled computer workstations and group study rooms.

**NEW STUDENT HUBS**

The School of Biological Sciences is spread over five floors and is designed around a central atrium which acts as a social hub, while we’re also giving the School of Mathematics and Physics a new home, featuring 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 new Wellcome-Wolfson Building (Institute for Experimental Medicine) is located next to the Centre for Cancer Research and Cell Biology (CCRCB) and is designed to enhance its internationally-recognised excellence in education and research.

**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 provides you with the opportunity to acquire skills in a foreign language and improve your career prospects through our advanced multimedia facilities.

**OUR NEW STUDENT CENTRE**

Plans are underway to build a world-class Student Centre, including a new Students’ Union facility that will significantly enhance the Queen’s student experience. The new centre is due to open in September 2021 and will consolidate all student services under one roof, alongside a vibrant new Students’ Union facility, and will create a ‘heartbeat’ for life on campus.

We’re among the top 10 Most Beautiful Universities in the UK

Times Higher Education World University Rankings, 2017
THE QUEEN’S QUARTER: THE BEST OF STUDENT LIFE

The cultural quarter surrounding our campus is the most vibrant district of Belfast – a 600-plus acre urban village which is self-contained yet well connected to the city centre via a ten-minute bus ride. Here, you’ll find everything you need to enjoy a unique student experience, from hot-ticket cultural events and party nights to international festivals and world cuisine worth queuing for.

A COSMOPOLITAN COMMUNITY

Our friendly and welcoming student community and buzzing entertainment scene offers a ready-made social life from the day you arrive. From classical concerts at the Whitla Hall to legendary club nights, not to mention pub quizzes, poetry readings and comedy nights, Queen’s Quarter is bursting with entertainment venues that attract the best from the worlds of theatre, dance, music, film, arts and literature. It’s no wonder our venues feature hotly in the calendar of both the Belfast International Arts Festival and the Belfast Film Festival.

AN ART-LOVER’S PARADISE

The University is home to the renowned visual arts platform, the Naughton Gallery, the Seamus Heaney Centre for Poetry and the Brian Friel Centre for Theatre. We even have our own boutique cinema, the QFT (Queen’s Film Theatre), presenting the best in classic and new world cinema. Some of our favourite spots near campus include the Ulster Museum (don’t miss their awesome science evenings, where you can experiment over cocktails), the infamously rowdy comedy nights at The Belfast Empire Music Hall, and the Lyric Theatre, where you might just catch a glimpse of current patron and Queen’s alumni Liam Neeson. (Pst! The coffee shop alone is worth a visit for the superb panoramic views over the River Lagan).

A MULTICULTURAL AND CREATIVE HUB

There is an incredible range of cafés, bistro and restaurants dotted around the University’s bohemian surroundings, catering to all tastes and budgets. In the space of 400 metres along 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 beers.

You’ll also find quirky vintage and pre-loved shopping, and the famed No Alibis indie bookstore, while the Fine & Dandy Sunday market in the Crescent Arts Centre is a creative hub for independent artists, designers, illustrators and crafters.

GREEN SPACES AND URBAN PARKS

A short hop from the bustling streetscape of Botanic Avenue is the lush foliage of Botanic Gardens, a beautiful city park where you can find some headspace in the Palm House or the Tropical Ravine. In fact, you’ll be surprised to find just how accessible natural solitude is from 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.
A-Z OF BELFAST

Your bite-sized guide to student life in the city.

AFFORDABLE

Belfast has the lowest cost of living in the UK (28 per cent lower than in London (Numbeo, 2015)) – and the lowest student rent (NatWest Student Living Index 2017) of any city in the UK.

BLACK BOX

Belfast is a city of artists, poets, writers and musicians who are celebrated in arts venues, such as the MAC and the Black Box.

CULTURE

A capital with a culture of its own, immerse yourself in the best of Belfast’s clubs, cuisine, culture and arts.

ENTERTAINMENT

Throughout the year, Belfast hosts a range of events and urban festivals including the gaiety from music, theatre, dance, film and comedy. Highlights include Culture Night and Belfast Vital Festival.

FOODIE PARADISE

Peer is a big deal in Belfast with a mix of cool new pop-ups and Michelin-starred staples. The city was recently voted the Top Place to Travel for Food (National Geographic 2016).

GATEWAY

Belfast is the gateway to the rest of Northern Ireland and beyond and has been lauded by Michael Palin for having the world’s most beautiful railway. From coastline to mountain, adventure awaits you.

HOLLYWOOD HOTSPOT

Northern Ireland and the Titanic Studios have become internationally renowned as a film location, most famously for HBO’s Game of Thrones.

IN THE NEWS

Belfast is one of the UK’s most buzzed-about cities and was recently voted the Number One Region in the World by Lonely Planet.

JOKES

A city famed for its humour, you can catch regular stand-up comedy nights at Belfast’s Empire Comedy Club, where Queen’s alumnus Paddy Keilty’s career began.

LINEN QUARTER

Just south of the City Hall, a mix of bars and cool eateries occupy the buildings of the old linen mills.

MUSIC

From the punk scene in the 70s to the MTV Europe Music Awards in 2011 via traditional folk sessions, Belfast has passionately embraced the unifying power of music.

Top Place to Travel for Food (National Geographic 2016)

*Belfast has the lowest cost of living in the UK (Mercer 2016)

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Top Place to Travel for Food (National Geographic 2016)
NIGHTLIFE
The cobbled streets and fascinating architecture of the Cathedral Quarter play host to the city’s best bars and clubs.

QUEEN’S QUARTER
One of the most ethnically-diverse and culturally rich parts of Northern Ireland (see page 38).

RESTAURANTS
The city is brimming with great restaurants, thriving urban cafés and craft breweries.

Northern Ireland is the happiest place in the UK (Office of National Statistics, 2016)

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One of the most ethnically-diverse and culturally rich parts of Northern Ireland (see page 38).

RESTAURANTS
The city is brimming with great restaurants, thriving urban cafés and craft breweries.

Northern Ireland is the happiest place in the UK (Office of National Statistics, 2016)

STALLS
St George’s Market is the centre of Belfast’s booming gourmet scene. You’ll also find whimsical arts and crafts stalls.

TITANIC QUARTER
A sleek urban development that houses Titanic Belfast, the World’s Best Visitor Attraction (World Travel Awards, 2016), alongside the city’s booming tech and film industries.

UNDER DEVELOPMENT
A host of exciting new developments are underway around the city including the Grand Central Hotel in the former Windsor House offices and the George Best Hotel, while Marriott is set to take on the City Quays hotel project.

Victoria Square
The epicentre of retail therapy in the city centre, Victoria Square hosts House of Fraser, Belfast’s Apple store, Topshop, Hollister, Superdry, Ted Baker and many other big brands under its striking glass dome.

WATERFRONT
The city’s cultural landscape is enhanced by large scale entertainment venues and concert halls such as the Waterfront Hall, as well as by a subculture of effortlessly cool independent music and arts venues.

XENIA
Belfast is a city with real personality and is famed for having the friendliest and most welcoming folk in the world.

YACHTS
Tourists are setting sail for Belfast: 120 cruise ships are expected in Belfast in 2018, while a 40-berth marina located in the heart of Belfast’s Titanic Quarter hosts the Belfast Tall Ships Festival.

Belfast: number one region in the world (Lonely Planet, 2017)

ZERO BELFAST BIKES
Belfast is a compact city and easily explored on foot or by bike. Grab a Coca Cola Zero Belfast Bike from the Queen’s campus – you can drop it off later at any number of bays around the city.

POLITICAL MURALS
Belfast is famous for street art, and today, a new generation of contemporary artists are reclaiming the city’s walls.

Northern Ireland is the happiest place in the UK (Office of National Statistics, 2016)
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 number one region in the world (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 C.S. 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. While 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.

ADENALINE JUNKIES!

• Ireland’s longest zipline in Ballygawley hangs 50 metres above the ground and is a staggering 500m long. find ZIP.com

• Try stand up paddle boarding at River Roe in Limavady with the mighty Binevenagh mountain as a backdrop. onegreatadventure.com

• 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

FURTHER INFORMATION

Have we whetted your appetite? Visit discovernorthernireland.com to explore more of your new home.
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 course at Queen’s. We’ll also let you know about key events like our Open Day, which allows you to get a sense of what life at Queen’s is really like, as well as our offer holder events, which give you a chance to find out more about the courses that interest you.

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 a real buzz – 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.

3. APPLY
   If you want to study here – and we hope you do – then apply via UCAS from September 2018.*

4. COME TO OUR OFFER HOLDER EVENTS
   After you’ve received an offer to study here, we’ll invite you to one of our offer holder-only events, where you’ll meet Queen’s people and chat about your course/courses 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
   Remember that if you’re from outside Northern Ireland, we guarantee your place in our dedicated student accommodation – your home from home for at least your first year. The online application opens in January 2019. See pages 30-33 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 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 2019. 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. And 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!
CHOOSE 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 groupings managed in consultation with your Personal Tutor for the chosen combination of modules.

3. There is a place available in the class.

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 managed in consultation with your Personal Tutor. For 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, eg. Economics and French). The Joint Honours Course Requirements section from page 61 to find out where this is possible. Please see page 56-57 for more information.

STUDYING FOR A DEGREE/ THE MODULAR SYSTEM

The academic year is divided into two semesters and also includes a development period and a development period. Each module will involve assessment and there are opportunities to study for a year abroad. 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 MEng four-year degree).

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 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/career) and a range of opportunities and activity to get you involved, advertised on the student portal MyFutures (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 take 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 on qub.ac.uk/academic

Each module will involve assessment and 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 assessment, 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 outlines an environment where those expectations can be met and your ambitions realised. qub.ac.uk/studentcharter

TEACHING, LEARNING AND ASSESSMENT

You may find that the approach to teaching and learning during your time at university is different from that experienced at school or college. You should make use of the opportunities and support available to help you 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 opportunities in depth. This will encourage you to share and ‘test’ your knowledge – i.e. checking the relevance of your reading and the basis of your understanding. 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: 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/myfuture

The University offers many models of placement learning ranging from one week to three weeks 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 exchanges, courses, international opportunities and entrepreneurial activities. These contribute to the Degree Plus Award and International Experience, both of 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 new addition to the academic calendar 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 qub.ac.uk/developmentweeks

Make use of the opportunities available – the more you get involved, the better your Queen’s experience will become.
Queen 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 2019-20, 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 A* or A**), 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 more information. Awards are subject to funding availability.

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

Scholarships up to £7,500**
A generous £2,500 per year (£1,575 plus benefits, see box out) is available for eligible students* achieving ABB at A-level or the equivalent in other qualifications. Those who achieve ABB at A-level or the equivalent in other qualifications will receive £1,750 per year (£1,000 plus benefits), while students who satisfy the conditions of their offer will qualify for a £1,250 (fee rate 1) or £3,000 (fee rate 2) on year 1 exclusively.

**SCHOLARSHIPS**
Sports 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, free use of facilities, free equipment and financial assistance. There are over 100 Academy Scholarship places available each year.

**SPORTS BURSARIES**
Applications will re-open on 1 July - 4 October 2019.

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

**ELITE ATHLETE SCHOLARSHIPS**
Applications open on Monday 3 September 2018 - Friday 1 March 2019 for 2019-20 entry.

Please note that terms and conditions apply for all our scholarships. Details are correct at time of print (January 2018). Please see website for further information.

**ACCOMMODATION AND LIFESTYLE BENEFITS**
We offer a scholarship option with accommodation and lifestyle benefits to make the transition to university life easier for students coming from other parts of the UK. These include three flights home each year, free shipping of luggage (up to 40kg) in the first year, as well as a free movie pass, free off-peak Queen's Sport membership, a free upgrade to ensuite accommodation and free bedding in Elms Village in first year.

**FURTHER INFORMATION**
To apply for one of our scholarships, please visit go.qub.ac.uk/intlschol.

INTERNATIONAL SCHOLARSHIPS
Over £1.5 million of International Scholarships available!

<table>
<thead>
<tr>
<th>AWARD</th>
<th>ELIGIBILITY</th>
<th>AMOUNT</th>
<th>APPLICATION PROCESS</th>
</tr>
</thead>
<tbody>
<tr>
<td>International Office</td>
<td>All new International students enrolling onto a full-time undergraduate programme (some exclusions apply)</td>
<td>Award of £2,500 (fee rate 1) or £3,000 (fee rate 2) on year 1 exclusively</td>
<td>No separate application required - apply to study at Queen's and you will be automatically assessed</td>
</tr>
<tr>
<td>Undergraduate Scholarship</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Vice-Chancellor’s</td>
<td>Two new International students enrolling onto a full-time undergraduate programme (some exclusions apply)</td>
<td>Full tuition fees paid for all years of programme (max. 4 years)</td>
<td>Application required - apply online</td>
</tr>
<tr>
<td>International Attainment</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Scholarship – Undergraduate</td>
<td></td>
<td></td>
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</tr>
<tr>
<td>Loyalty Scholarship</td>
<td>Exchange and Study Abroad students returning to study a full-time undergraduate programme at Queen's University</td>
<td>20% tuition fee reduction on year 1</td>
<td>Application required - apply online</td>
</tr>
<tr>
<td>Early Bird Reward</td>
<td>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 2018 (some exclusions apply)</td>
<td>10% discount on gross fees - may be used in conjunction with other scholarships</td>
<td>No application necessary, automatically awarded to those who meet the criteria</td>
</tr>
</tbody>
</table>

**OPEN TO ALL STUDENTS**

**MERIT SCHOLARSHIPS**
Lloyds Scholars
Together Queen's University and Lloyds Banking Group are offering this unique means tested programme, supporting young people in their academic and vocational development. Lloyds Scholars offers a complete financial and support package including annual bursaries; paid internships; cash awards; a business mentor; and the opportunity to develop employability skills. Applications open in May each year. For more information contact LloydsScholars@qub.ac.uk, you can also register your interest at lloyds-scholars.com.

**ACADEMY SCHOLARSHIPS**
Applications will open on 1 July - 4 October 2019.

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

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Please note that terms and conditions apply for all our scholarships. Details are correct at time of print (January 2018). Please see website for further information.

International scholarships for 2019-20 had not been agreed at the time of publication. When these have been agreed they will be available at go.qub.ac.uk/intlschol.

**FURTHER INFORMATION**
To apply for one of our scholarships, please visit go.qub.ac.uk/intlschol.
### 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 from outside of the European Union is available on page 55. 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. Student fees can become part of a loan, available from the Student Loans Company (SLC) (see.co.uk), which will be paid back when they are working and earning more than a certain amount. For current thresholds, please refer to: slc.co.uk

### APPLYING FOR TUITION FEE LOANS AND SUPPORT

Eligible students, who first enrol in September 2019, can defer their fees by applying for a fee loan. Those who wish to take out a loan should complete the PNI 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. Students are encouraged to apply as soon as possible to ensure that they are aware of their entitlement to financial support before starting their course.

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

- **Students from Scotland**
  - [www.sas.gov.uk](http://www.sas.gov.uk)
- **Students from Wales**
  - [www.studentfinancewales.co.uk](http://www.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: [www.gov.uk/student-finance-forms](http://www.gov.uk/student-finance-forms) or by phoning +44 (141) 243 3700.

### PAYING BY DIRECT Debit

A minimum amount of 25 per cent of full tuition fees must be paid at enrolment, with the balance being covered by Direct Debit payment, due at the end of November, January and March. The 25 per cent payment is non-refundable. The bank account holder must complete a Direct Debit mandate and return this to the Student Finance Office by early October 2019. 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.

### PAYING FULL FEES AT ENROLMENT

Tuition fees can be paid online via a student’s Oxis Account, by credit/debit card, by bank transfer or by cheque. Cash payments are restricted to a maximum of £300 and can ONLY be made at the Student Finance Office.

For full terms and conditions of the payment options, please contact the Student Helpline on: +44 (0)28 9097 3223. For further information, see: [www.qub.ac.uk/TuitionFees](http://www.qub.ac.uk/TuitionFees)

### 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.

### INTERNATIONAL FEES AND LIVING COSTS

**Tuition fee rates**

For non-EU students for the academic year 2018–19 are given in the next column in pounds sterling, with the approximate equivalent in US dollars.

**Living costs**

For full-time undergraduate courses, students are encouraged to live in student residences or take up a University bursary. Students are advised to plan travel expenses, as the City of Belfast is a popular destination. Further information is available by contacting the Student Finance Office or the International Office.

<table>
<thead>
<tr>
<th>Subject</th>
<th>Fee (Rate 1)</th>
<th>Fee (Rate 2)</th>
</tr>
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<tbody>
<tr>
<td>Medicine: Pre-clinical years:</td>
<td>£19,950 (US $26,289)</td>
<td>£6,795 (US $8,898) per semester</td>
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<td>Dentistry:</td>
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<td>Study Abroad:</td>
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Further information is available by contacting the Student Finance Office or by visiting the website: [www.qub.ac.uk/TuitionFees](http://www.qub.ac.uk/TuitionFees)

### PAYMENT OF TUITION 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 STUDENT FINANCIAL SUPPORT

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.

### INTERNATIONAL FEES AND LIVING COSTS

- **Tuition fee rates**
  - For non-EU students for the academic year 2018–19 are given in the next column in pounds sterling, with the approximate equivalent in US dollars.
  - For full-time undergraduate courses, students are encouraged to live in student residences or take up a University bursary. Students are advised to plan travel expenses, as the City of Belfast is a popular destination. Further information is available by contacting the Student Finance Office or the International Office.

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Further information is available by contacting the Student Finance Office or by visiting the website: [www.qub.ac.uk/TuitionFees](http://www.qub.ac.uk/TuitionFees)

### FEES – FULL-TIME UNDERGRADUATE

Courses 2018/19:

- **Classroom-based courses** (Fee rate 1): £15,550 (US $20,485)
- **Courses with a laboratory or workshop component** (Fee rate 2): £19,500 (US $25,696)
- **Medicine: Pre-clinical years:** £19,950 (US $26,289)
- **Dentistry:** £30,597 (US $40,319)
- **Study Abroad:** £6,795 (US $8,898) per semester

Tuition fee rates for 2019-20 had not been agreed at the time of publication. When these have been agreed they will be available at [www.qub.ac.uk/TuitionFees](http://www.qub.ac.uk/TuitionFees)

### 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 card, 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 2019, January and March 2020. 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 details of the University’s Withdrawal Policy please refer to: [www.qub.ac.uk/TuitionFees](http://www.qub.ac.uk/TuitionFees)

### OTHER EXPENSES

For some courses, students are required to purchase instruments, equipment, or attend field trips. The funds required to cover such students’ needs may exceed the above fees. Please note that the amounts suggested do not take account of funds to support any dependants.

Further information is available by contacting the Student Finance Office or by visiting the website: [www.qub.ac.uk/TuitionFees](http://www.qub.ac.uk/TuitionFees)
A range of combinations are available, e.g. Anthropology and Spanish, Archaeology and History, Criminology and Sociology, Drama and English, French and Irish, History and Politics, International Studies and Spanish, 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 (e.g. Economics with French; English with Creative Writing; 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 degrees include:
- Law with Politics
- Economics and Accounting
- Economics with Finance
- French and Spanish
- English and History
- Drama and English
- History and Politics
- History and International Studies
- Anthropology and History
- Philosophy and Politics
- Criminology and Social Policy
- Criminology and Sociology

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

“As a Joint Honours student, I am lucky I get to experience the variety of two different subjects. I find that even within each subject there are a wide variety of topics. In French for example, I never expected to be learning about grammar, translation and the history of French cinema all at once. For me, studying is made more creative this way and really enjoyable as a result.”

Dominique Groves
BA Joint Hons French and Politics

Further Information
For the most up-to-date information on courses and entry requirements, please see our online Course Finder go.qub.ac.uk/coursefinder.
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 met in different 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 in GCSE English Language. Applicants whose first language is not English should refer to the section on the 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.

1. GCSE/GCSE Qualifications

   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 85 for guidance.

3. A/BTEC Diploma/ National Diploma/ Extended Diploma

   Please refer to page 84-85 for more detail.

4. An OCR Cambridge Technical Diploma

   Please refer to page 84 for more detail.

5. The Welsh Baccalaureate Advanced Skills Challenge Certificate

   Please refer to page 84 for more detail.

7. The Cambridge Pre-U Diploma

   Please refer to page 85 for more detail.

8. The Irish Leaving Certificate

   The General Entrance Requirement can be satisfied in a number of ways as follows:

   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 85 for guidance.

9. The European Baccalaureate

   The General Entrance Requirement can be satisfied in a number of ways as follows:

   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 85 for guidance.

11. Recognition of Prior Learning (RPL)

   All subjects set by recognised examination boards are considered for a general entrance requirement and for a specific course of study. 

   The University recognises that qualifications reform across the UK, which is being 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 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.

   Further information on other acceptable English Language qualifications is available at qub.ac.uk/international/international-students/applying/english-language-requirments/
The criteria for offers and entry requirements vary between courses and departments. The following guidelines provide an overview of the selection process:

i. Course Selectors differ. The following factors are considered by individual Selectors:

- Grades in A-levels and GCSEs
- Predicted grades
- Personal statement
- Motivation and commitment
- Experience
- Personal reference
- Development of transferable skills
- Extra-curricular activities

These factors are assessed 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 target grades stated are for guidance only. Please refer to the Course Finder on the University’s website, which will have current grade requirements. For specific details, refer to the Course Requirements table for the chosen course.

ii. 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.

iii. In the case of applicants who take qualifications a year earlier than 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.

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

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

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

vii. Offers are made in terms of grades in A-levels and GCSEs. Offers will normally be made on the basis of three A-levels or acceptable equivalent in other qualifications. Additional subjects at AS/A-level may be taken into account in August in borderline cases.

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

viii. 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.

ix. 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* in Mathematics for the MSci in Mathematics.

x. 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.

xi. 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-level points are offered, Selectors are likely to ask for the higher grades in the A-level component rather than the AS component.

xii. 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.

xiii. 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 A-level subject for Medicine and will also be taken into account in lieu of an additional AS-level in August for the purposes of an offer for all other degree programmes.

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

xv. Key Skills and Core Skills are not considered.

xvi. Personal Effectiveness (COPE). The University acknowledges that development of transferrable 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 form part of the conditions of any offer, they may be useful in a tie-break situation in August following the release of results.

xvii. Grades in any course taken in a foreign language as a Single, Major or Joint Honours subject will not be spent in the appropriate country (or countries, in the case of Joint Honours).

Columns 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 for some courses. The University recognises the value of skills developed in the reformed Science A-levels from 2016 and this will be specified in offers.

Columns 6 and 7 give details about selection procedures. Further details about selection procedures are available in the individual degree programmes listed at go.qub.ac.uk/coursefinder. Please refer to the Course Finder on the University’s website, which will have current grade requirements.

Columns 8 and 9 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 10 gives page references to Degree Subject Section (for course content and other information).
<table>
<thead>
<tr>
<th>Subject</th>
<th>Degree</th>
<th>Yrs</th>
<th>A-Level Target Grades And Subject Requirements</th>
<th>Irish Leaving Certificate Higher Level Target Grades And Subject Requirements</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Accounting</strong></td>
<td>BSc (Accounting) [S]</td>
<td>3</td>
<td>AAB + GCSE Mathematics grade B</td>
<td>H3/H3/H3/H3/H3 + if not offered at Higher Level Then Ordinary Level grade O3 in Mathematics</td>
</tr>
<tr>
<td><strong>BSc (Accounting) [S] with a language</strong></td>
<td>4</td>
<td>AAB + GCSE Mathematics grade B.</td>
<td>H2/H3/H3/H3/H3 + if not offered at Higher Level Then Ordinary Level grade O3 in Mathematics</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>• For French option - normally A-Level French grade B or AS-level French grade B or GCSE French grade B or evidence of linguistic ability in another language</td>
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<td>• For Spanish option - normally A-Level Spanish grade B or AS-Level Spanish grade B or GCSE Spanish grade B or evidence of linguistic ability in another language</td>
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<td>Note: If the language is studied at a higher level then this grade required at that level must be achieved</td>
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</tr>
<tr>
<td><strong>BSc (Econ) [J with Economics]</strong></td>
<td>3</td>
<td>ABB + GCSE Mathematics grade B</td>
<td>H3/H3/H3/H3/H3/H4 + if not offered at Higher Level Then Ordinary Level grade O4 in Mathematics</td>
<td></td>
</tr>
<tr>
<td><strong>Actuarial Science and Risk Management</strong></td>
<td>BSc (j) [sandwich course]</td>
<td>4</td>
<td>A/A/A including Mathematics OR A/A/A + A level including a relevant subject</td>
<td>H3/H3/H3/H3/H3/H3/H3 including Higher Level grade H3 in Mathematics</td>
</tr>
<tr>
<td><strong>Aerospace Engineering</strong></td>
<td>BEng [S]</td>
<td>3</td>
<td>BBi including Mathematics and at least one from Physics (preferred), Biology, Chemistry, Further Mathematics, Technology and Design or Double Award Applied Science</td>
<td>H3/H3/H3/H4/H4/H3/H3/H3 including Higher Level grade H3 in Mathematics and at least one from Physics (preferred), Biology or Chemistry</td>
</tr>
<tr>
<td><strong>Aerospace Engineering</strong></td>
<td>MEng [S]</td>
<td>4</td>
<td>ABB including Mathematics and at least one from Physics (preferred), Biology, Chemistry or Further Mathematics</td>
<td>H2/H3/H3/H3/H3 including Higher Level grade H2 and H3 in any order in Mathematics and at least one from Physics (preferred), Biology or Chemistry</td>
</tr>
<tr>
<td><strong>Agricultural Technology</strong></td>
<td>BSc [S]</td>
<td>3</td>
<td>BBi including at least two relevant subjects (see list below) + GCSE Mathematics grade C OR ABB including a relevant subject (see list below) + GCSE Mathematics grade C</td>
<td>H3/H3/H3/H4/H3/H3/H3/H3/H3 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</td>
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<td>Applicants not offering Physics at A-level should have a minimum of a grade B in GCSE Physics or GCSE Double Award Science grades BB</td>
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</tr>
<tr>
<td><strong>Biochemistry</strong></td>
<td>BSc [S]</td>
<td>3</td>
<td>ABB including Mathematics and Biology + GCSE Mathematics grade C OR ABB Including Chemistry and at least one from Mathematics or Physics + GCSE Biology grade C or GCSE Double Award Sciencegrades CC + GCSE Mathematics grade C 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</td>
<td>H3/H3/H3/H4/H4/H3/H3/H3/H3 including Higher Level grade H3 in Chemistry and Biology if not offered at Higher Level Then Ordinary Level grade O4 in Mathematics</td>
</tr>
<tr>
<td><strong>Biochemistry</strong></td>
<td>BSc [S]</td>
<td>3</td>
<td>ABB including Chemistry and Biology + GCSE Mathematics grade C OR ABB Including Chemistry and at least one from Mathematics or Physics + GCSE Biology grade C or GCSE Double Award Sciencegrades CC + GCSE Mathematics grade C 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</td>
<td>H3/H3/H3/H4/H4/H3/H3/H3/H3 including Higher Level grade H3 in Chemistry and Biology if not offered at Higher Level Then Ordinary Level grade O4 in Mathematics</td>
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<td></td>
<td>Applicants not offering Physics at A-level should have a minimum of a grade B in GCSE Physics or GCSE Double Award Science grades BB</td>
<td></td>
</tr>
<tr>
<td><strong>Architecture</strong></td>
<td>BSc [S]</td>
<td>3</td>
<td>ABB + GCSE Mathematics grade C</td>
<td>H3/H3/H3/H4/H4/H3/H3/H3 including Higher Level grade H3 in Mathematics and at least one from Physics (preferred), Biology or Chemistry</td>
</tr>
<tr>
<td><strong>Astronomy</strong></td>
<td>BSc (available with Physics) [S]</td>
<td>3</td>
<td>BBB including Mathematics and Physics</td>
<td>H3/H3/H3/H4/H4/H3/H3/H3/H3 including Higher Level grade H3 in Mathematics and at least one from Physics (preferred), Biology or Chemistry</td>
</tr>
<tr>
<td><strong>Biochemistry</strong></td>
<td>BSc [S]</td>
<td>3</td>
<td>ABB including Chemistry and Biology + GCSE Mathematics grade C OR ABB Including Chemistry and at least one from Mathematics or Physics + GCSE Biology grade C or GCSE Double Award Sciencegrades CC + GCSE Mathematics grade C 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</td>
<td>H3/H3/H3/H4/H4/H3/H3/H3/H3 including Higher Level grade H3 in Chemistry and Biology if not offered at Higher Level Then Ordinary Level grade O4 in Mathematics</td>
</tr>
<tr>
<td><strong>Biochemistry</strong></td>
<td>BSc [S]</td>
<td>3</td>
<td>ABB including Chemistry and Biology + GCSE Mathematics grade C OR ABB Including Chemistry and at least one from Mathematics or Physics + GCSE Biology grade C or GCSE Double Award Sciencegrades CC + GCSE Mathematics grade C 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</td>
<td>H3/H3/H3/H4/H4/H3/H3/H3/H3 including Higher Level grade H3 in Chemistry and Biology if not offered at Higher Level Then Ordinary Level grade O4 in Mathematics</td>
</tr>
<tr>
<td><strong>Biochemistry</strong></td>
<td>BSc [S]</td>
<td>3</td>
<td>ABB including Chemistry and Biology + GCSE Mathematics grade C OR ABB Including Chemistry and at least one from Mathematics or Physics + GCSE Biology grade C or GCSE Double Award Sciencegrades CC + GCSE Mathematics grade C 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</td>
<td>H3/H3/H3/H4/H4/H3/H3/H3/H3 including Higher Level grade H3 in Chemistry and Biology if not offered at Higher Level Then Ordinary Level grade O4 in Mathematics</td>
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<td><strong>Biochemistry</strong></td>
<td>BSc [S]</td>
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<td>H3/H3/H3/H4/H4/H3/H3/H3/H3 including Higher Level grade H3 in Chemistry and Biology if not offered at Higher Level Then Ordinary Level grade O4 in Mathematics</td>
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<tr>
<td><strong>Biochemistry</strong></td>
<td>BSc [S]</td>
<td>3</td>
<td>ABB including Chemistry and Biology + GCSE Mathematics grade C OR ABB Including Chemistry and at least one from Mathematics or Physics + GCSE Biology grade C or GCSE Double Award Sciencegrades CC + GCSE Mathematics grade C 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</td>
<td>H3/H3/H3/H4/H4/H3/H3/H3/H3 including Higher Level grade H3 in Chemistry and Biology if not offered at Higher Level Then Ordinary Level grade O4 in Mathematics</td>
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<tr>
<td><strong>Biochemistry</strong></td>
<td>BSc [S]</td>
<td>3</td>
<td>ABB including Chemistry and Biology + GCSE Mathematics grade C OR ABB Including Chemistry and at least one from Mathematics or Physics + GCSE Biology grade C or GCSE Double Award Sciencegrades CC + GCSE Mathematics grade C 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</td>
<td>H3/H3/H3/H4/H4/H3/H3/H3/H3 including Higher Level grade H3 in Chemistry and Biology if not offered at Higher Level Then Ordinary Level grade O4 in Mathematics</td>
</tr>
<tr>
<td><strong>Biochemistry</strong></td>
<td>BSc [S]</td>
<td>3</td>
<td>ABB including Chemistry and Biology + GCSE Mathematics grade C OR ABB Including Chemistry and at least one from Mathematics or Physics + GCSE Biology grade C or GCSE Double Award Sciencegrades CC + GCSE Mathematics grade C 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</td>
<td>H3/H3/H3/H4/H4/H3/H3/H3/H3 including Higher Level grade H3 in Chemistry and Biology if not offered at Higher Level Then Ordinary Level grade O4 in Mathematics</td>
</tr>
<tr>
<td>Subject</td>
<td>Degree</td>
<td>Yrs</td>
<td>A-Level Target Grades And Subject Requirements</td>
<td>Irish Leaving Certificate Higher Level Target Grades And Subject Requirements</td>
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<tr>
<td>Biological Sciences</td>
<td>BSc [S]</td>
<td>3</td>
<td>BSc including Biology and at least one from Chemistry (preferred), Geography, Mathematics or Physics + GCSE Chemistry grade C or GCSE Double Award Science grades CC + GCSE Mathematics grade C. OR BBB including Double Award Applied Science or Double Award Life &amp; Health Sciences + GCSE Biology and Chemistry grade C or GCSE Double Award Science grades CC + GCSE Mathematics grade C.</td>
<td>H3H4H4H4H5H6H7H8H9H10H11H12 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. O6 H3H4H4H5H6H7H8H9H10H11H12 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 beyond GCSE level.</td>
</tr>
<tr>
<td></td>
<td>FdSc [S]</td>
<td>3</td>
<td>A</td>
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<tr>
<td></td>
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<td></td>
<td>AAB including Biology and at least one from Chemistry (preferred), Geography, Mathematics or Physics + GCSE Chemistry grade C or GCSE Double Award Science grades CC + GCSE Mathematics grade C.</td>
<td>H2H3H4H5H6H7H8H9H10H11H12 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 and Chemistry. OR H2H2H3H4H5H6H7H8H9H10H11H12 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 beyond GCSE level.</td>
</tr>
<tr>
<td>MSci [S]</td>
<td>4</td>
<td>AAB including Biology and at least one from Chemistry (preferred), Geography, Mathematics or Physics + GCSE Chemistry grade C or GCSE Double Award Science grades CC + GCSE Mathematics grade C. OR AAB including Double Award Applied Science or Double Award Life &amp; Health Sciences + GCSE Biology and Chemistry grade C or GCSE Double Award Science grades CC + GCSE Mathematics grade C. OR AAA including Biology + GCSE Chemistry grade C or GCSE Double Award Science grades CC + GCSE Mathematics grade C.</td>
<td>H2H3H4H5H6H7H8H9H10H11H12 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 and Chemistry. OR H2H3H4H5H6H7H8H9H10H11H12 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 beyond GCSE level.</td>
<td></td>
</tr>
<tr>
<td>Magnetic Sciences</td>
<td>BSc [S]</td>
<td>3</td>
<td>In Chemistry (preferred), Geography, Mathematics or Physics + GCSE Chemistry grade C or GCSE Double Award Science grades CC + GCSE Mathematics grade C.</td>
<td>H3H4H4H4H4H5H6H7H8H9H10H11H12 including Higher Level grade H3 in Biology and H4 in Chemistry 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 Five of which should be at Higher Level.</td>
</tr>
<tr>
<td>Biomedical Sciences</td>
<td>BSc [S]</td>
<td>3</td>
<td>A (any order in Biology/Human Biology and Chemistry) B + GCSE Mathematics grade C. OR A (Biological/Human Biology or Chemistry) AB including a second science subject + GCSE Biology and Chemistry grade C or GCSE Double Award Science grades CC + GCSE Mathematics grade C.</td>
<td>H2H3H4H5H6H7H8H9H10H11H12 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.</td>
</tr>
<tr>
<td>Broadcast Production</td>
<td>BA [S]</td>
<td>3</td>
<td>ABB</td>
<td>H3H4H5H6H7H8H9H10H11H12 including Higher Level grade H3 in any order in Biology and Chemistry + if not offered at Higher Level then Ordinary Level grade O4 in Mathematics.</td>
</tr>
<tr>
<td>Subject</td>
<td>Degree</td>
<td>Yrs</td>
<td>A-Level Target Grades and Subject Requirements</td>
<td>Irish Leaving Certificate Higher Level Target Grades and Subject Requirements</td>
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<tr>
<td><strong>Chemistry with French or Spanish</strong></td>
<td>MSci [S]</td>
<td>4</td>
<td>AA (including Chemistry and a second Science subject + GCSE Mathematics grade C)</td>
<td>MSci [S] with Higher Level grade H3 in Chemistry and a second Science subject + F not offered at Higher Level then Ordinary Level grade O4 in Mathematics. For French option - H3 in French. For Spanish option - H3 in Spanish.</td>
</tr>
<tr>
<td><strong>Chemistry with Study Abroad</strong></td>
<td>MSci [S]</td>
<td>4</td>
<td>AA (including Chemistry and a second Science subject + GCSE Mathematics grade C)</td>
<td>H3/H3/H3/H3/H3 including Higher Level grade H3 in Chemistry and a second Science subject + F not offered at Higher Level then Ordinary Level grade O4 in Mathematics. For French option - H3 in French. For Spanish option - H3 in Spanish.</td>
</tr>
<tr>
<td><strong>Civil Engineering</strong></td>
<td>BEng [S]</td>
<td>3</td>
<td>BBB (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 Applied Science)</td>
<td>Note: Applicants not offering Physics at A-level should have a minimum of a grade C in GCSE Physics or GCSE Double Award Science grade BB. H2/H3/H3/H3/H3/H3/H3 including Higher Level grade H3 in Chemistry and a second Science subject (see list under A-level requirements).</td>
</tr>
<tr>
<td>Subject</td>
<td>Degree</td>
<td>Yrs</td>
<td>A-Level Target Grades And Subject Requirements</td>
<td>Irish Leaving Certificate Higher Level Target Grades And Subject Requirements</td>
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<tr>
<td><strong>Economics (continued)</strong></td>
<td>BSc (Econ) [M with a language]</td>
<td>4</td>
<td>ABB + GCSE Mathematics grade B</td>
<td>H3H3H3 including Higher Level grades H3, H3, H3, H3, H3, H3, H3, H3</td>
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<td>For French option – normally A-level French grade B or AS-level French grade B or GCSE French grade B or evidence of linguistic ability in another language.</td>
<td>+ if not offered at Higher Level then Ordinary Level grade O3 in Mathematics</td>
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<td></td>
<td>For Spanish option – normally A-level Spanish grade B or AS-level Spanish grade B or GCSE Spanish grade B or evidence of linguistic ability in another language.</td>
<td>+ For French option – normally H3 in French or evidence of linguistic ability in another language</td>
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<td>Note: If the language is studied at a higher level then the grade required at that level must be achieved.</td>
<td>+ For Spanish option – normally H2 in Spanish or evidence of linguistic ability in another language</td>
</tr>
<tr>
<td><strong>Education</strong></td>
<td>BEd</td>
<td>4</td>
<td>Education is taught at St Mary’s University College and Stranmillis University College.</td>
<td>Note: Applicants not offering Physics at A-level should have a minimum of a grade B in GCSE Physics or GCSE Double Award Science grades BB</td>
</tr>
<tr>
<td><strong>Electrical and Electronic Engineering</strong></td>
<td>BEng [S]</td>
<td>3</td>
<td>BBB including Mathematics and at least one from Physics (preferred), Biology, Chemistry, Electronics, Further Mathematics, Technology and Design or Double Award Applied Science.</td>
<td>H3H3H3H3 including Higher Level grade H3 in Mathematics and at least one from Physics (preferred), Biology or Chemistry</td>
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<td>Note: Applicants not offering Physics at A-level should have a minimum of a grade C in GCSE Physics or GCSE Double Award Science grades CC.</td>
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<td></td>
<td>MEng [S]</td>
<td>4</td>
<td>AAB including Mathematics and at least one from Physics (preferred), Biology, Chemistry, Electronics, Further Mathematics or Technology and Design.</td>
<td>H2H3H3H3H3 including Higher Level grades H2 and H3 in any order in Mathematics and at least one from Physics (preferred), Biology or Chemistry</td>
</tr>
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<td>Note: Applicants not offering Physics at A-level should have a minimum of a grade B in GCSE Physics or GCSE Double Award Science grades BB.</td>
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</tr>
<tr>
<td><strong>Energy, Environment and Sustainability</strong></td>
<td>FdSc [S]</td>
<td>2</td>
<td>CC + GCSE Mathematics grade C</td>
<td>H3H3H4H4 + Ordinary Level grade O4 in Mathematics</td>
</tr>
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<td>OR CD including Biology, Chemistry, Geography, Mathematics or Physics + GCSE Mathematics grade C.</td>
<td>+ if not offered at Higher Level then Ordinary Level grade O4 in Mathematics</td>
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<td>OR H3H3H4H4 including at least one from Biology, Chemistry, Geography, Mathematics or Physics + If not offered at Higher Level then Ordinary Level grade O4 in Mathematics</td>
<td>A minimum of five subjects will be required in the Irish Leaving Certificate at least four of which should be at Higher Level</td>
</tr>
<tr>
<td><strong>English</strong></td>
<td>BA [S/U]</td>
<td>3</td>
<td>ABB including English for Single Honours with Anthropology, French, History, Irish, Linguistics, Philosophy, Politics and Spanish.</td>
<td>H3H3H3H3H3 including Higher Level grade H3 in English for Single Honours and Joint Honours with Anthropology, French, History, Irish, Linguistics, Philosophy, Politics and Spanish</td>
</tr>
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<td></td>
<td>BBB including English for all other options.</td>
<td>+ if not offered at Higher Level then Ordinary Level grade O4 in Mathematics</td>
</tr>
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<td>Note: For applicants who have not studied A-level English then AS-level English (grade A4) would be acceptable in lieu of A-level English.</td>
<td>Note: Certain modules will require GCSE Mathematics grade C.</td>
</tr>
<tr>
<td><strong>English with Creative Writing</strong></td>
<td>BA [S]</td>
<td>3</td>
<td>ABB including A-level English.</td>
<td>H3H3H3H3H3H3 including Higher Level grade H3 in English for all other options</td>
</tr>
<tr>
<td></td>
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<td>Note: For applicants who have not studied A-level English then AS-level English (grade A4) would be acceptable in lieu of A-level English.</td>
<td>Note: Certain modules will require GCSE Mathematics grade C.</td>
</tr>
<tr>
<td><strong>Environmental and Civil Engineering</strong></td>
<td>MEng [S]</td>
<td>4</td>
<td>ABB 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.</td>
<td>H3H3H3H3/h3 including Higher Level grades H3 in any order in Mathematics and a Science subject (see list under A-level list requirements)</td>
</tr>
<tr>
<td><strong>Environmental Management</strong></td>
<td>BSc [S]</td>
<td>3</td>
<td>BBB including at least two from Biology, Economics and Geography + GCSE Mathematics grade C.</td>
<td>H3H3H3H3 including Higher Level grade H3 in any level from Biology, Economics and Geography.</td>
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<td></td>
<td>OR ABB + GCSE Mathematics grade C.</td>
<td>If not offered at Higher Level then Ordinary Level grade O4 in Mathematics.</td>
</tr>
<tr>
<td><strong>European Planning</strong></td>
<td>MPlan [S]</td>
<td>4</td>
<td>ABB + GCSE Mathematics grade C.</td>
<td>H3H3H3H3H3H3 including Higher Level grade H3 in any order in Mathematics and a Science subject (see list under A-level list requirements)</td>
</tr>
<tr>
<td><strong>Film and Theatre Making</strong></td>
<td>BA [S]</td>
<td>3</td>
<td>ABB</td>
<td>Note: Certain modules will require Ordinary Level grade O3 in Mathematics.</td>
</tr>
<tr>
<td><strong>Film Studies and Production</strong></td>
<td>BA [S]</td>
<td>3</td>
<td>BBB</td>
<td></td>
</tr>
<tr>
<td><strong>Food Quality, Safety and Nutrition</strong></td>
<td>BSc [S]</td>
<td>3</td>
<td>BBB including Biology and Chemistry + GCSE Mathematics grade C.</td>
<td>H3H3H3H3H3H3 including Higher Level grade H3 in Biology and Chemistry and if not offered at Higher Level then Ordinary Level grade O4 in Mathematics.</td>
</tr>
<tr>
<td></td>
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<td>OR BBB including Biology and either Home Economics or Nutrition &amp; Food Science + GCSE Chemistry grade C or GCSE Double Award Science grades CC + GCSE Mathematics grade C.</td>
<td>OR BBB including Biology and either Home Economics or Nutrition &amp; Food Science + GCSE Chemistry grade C or GCSE Double Award Science grades CC + GCSE Mathematics grade C.</td>
</tr>
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<td></td>
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<td></td>
<td>OR BBB including Chemistry and either Home Economics or Nutrition &amp; Food Science + GCSE Biology grade C or GCSE Double Award Science grades CC + GCSE Mathematics grade C.</td>
<td>OR BBB including Chemistry and either Home Economics or Nutrition &amp; Food Science + GCSE Biology grade C or GCSE Double Award Science grades CC + GCSE Mathematics grade C.</td>
</tr>
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<td></td>
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<td></td>
<td>OR ABB including Biology or Chemistry or Double Award Applied Science and Double Award Life &amp; Health Sciences + GCSE Biology and Chemistry grade C or GCSE Double Award Science grades CC + GCSE Mathematics grade C.</td>
<td>OR ABB including Biology or Chemistry or Double Award Applied Science and Double Award Life &amp; Health Sciences + GCSE Biology and Chemistry grade C or GCSE Double Award Science grades CC + GCSE Mathematics grade C.</td>
</tr>
<tr>
<td>Subject</td>
<td>Degree</td>
<td>Yrs</td>
<td>A-Level Target Grades And Subject Requirements</td>
<td>Irish Leaving Certificate Higher Level Target Grades And Subject Requirements</td>
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<tr>
<td><strong>Geography</strong></td>
<td>BSc [S]</td>
<td>3</td>
<td>BBB normally including A-level Geography + GCSE Mathematics grade C</td>
<td>H3H3H3H3H3H3H3H3H3H3 including Higher Level grade H3 in Geography + if not offered at Higher Level than Ordinary Level grade O4 in Mathematics</td>
</tr>
<tr>
<td><strong>French</strong></td>
<td>BA [S/J]</td>
<td>4</td>
<td>ABB including Biology and Chemistry + GCSE Mathematics grade C + French + if not offered at Higher Level than Ordinary Level grade O4 in Mathematics</td>
<td>H3H3H3H3H3H3H3H3H3H3 including Higher Level grade H3 in Geography + if not offered at Higher Level than Ordinary Level grade O4 in Mathematics</td>
</tr>
<tr>
<td><strong>History</strong></td>
<td>BA [S/J]</td>
<td>3</td>
<td>ABB for Single and Joint Honours with Anthropology, English, French, International Studies, Irish, Philosophy, Politics and Spanish</td>
<td>H3H3H3H3H3H3H3H3H3H3H3H3H3 including Higher Level grade H3 in Geography + if not offered at Higher Level than Ordinary Level grade O4 in Mathematics</td>
</tr>
<tr>
<td><strong>Human Biology</strong></td>
<td>BSc [S]</td>
<td>3</td>
<td>ABB + GCSE Mathematics grade B + if not offered at Higher Level than Ordinary Level grade O4 in Mathematics</td>
<td>H3H3H3H3H3H3H3H3H3H3 including Higher Level grade H3 in Geography + if not offered at Higher Level than Ordinary Level grade O4 in Mathematics</td>
</tr>
<tr>
<td><strong>Irish</strong></td>
<td>BA [S/J]</td>
<td>3</td>
<td>ABB including A-level Irish</td>
<td>H3H3H3H3H3H3H3H3H3H3 including Higher Level grade H3 in Geography + if not offered at Higher Level than Ordinary Level grade O4 in Mathematics</td>
</tr>
<tr>
<td><strong>Language</strong></td>
<td>BSc [S]</td>
<td>4</td>
<td>BBB normally including A-level Language + GCSE Mathematics grade C</td>
<td>H3H3H3H3H3H3H3H3H3H3 including Higher Level grade H3 in Geography + if not offered at Higher Level than Ordinary Level grade O4 in Mathematics</td>
</tr>
</tbody>
</table>

**Note:**
- Irish Leaving Certificate Higher Level grade H3 is normally including Higher Level grade H3 in Geography + if not offered at Higher Level than Ordinary Level grade O4 in Mathematics.
- For French option: A-level French grade B + if not offered at Higher Level than Ordinary Level grade O4.
- For Spanish option: A-level Spanish grade B + if not offered at Higher Level than Ordinary Level grade O4.
- For German option: Higher Level grade H3 in German + if not offered at Higher Level than Ordinary Level grade O4.
- 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: the Beginners’ option is not available to those who have studied Higher Level grade H3 in French or evidence of linguistic ability.
- Note: if the language is studied at a higher level then the grade required at that level must be achieved.

### Subject Requirements

- **Geography**
  - BBB normally including A-level Geography + GCSE Mathematics grade C
  - OR
  - H3H3H3H3H3H3H3H3H3H3 including Higher Level grade H3 in Geography + if not offered at Higher Level than Ordinary Level grade O4 in Mathematics
- **French**
  - ABB including Biology and Chemistry + GCSE Mathematics grade C + French + if not offered at Higher Level than Ordinary Level grade O4 in Mathematics
  - OR
  - H3H3H3H3H3H3H3H3H3H3 including Ordinary Level grade O3 in French or evidence of linguistic ability in another language
  - OR
  - H3H3H3H3H3H3H3H3H3H3 + Ordinary Level grade O3 in French or evidence of linguistic ability in another language
- **History**
  - ABB for Single and Joint Honours with Anthropology, English, French, International Studies, Irish, Philosophy, Politics and Spanish
  - OR
  - H3H3H3H3H3H3H3H3H3H3 including Ordinary Level grade O3 in History
- **Human Biology**
  - ABB + GCSE Mathematics grade B + if not offered at Higher Level than Ordinary Level grade O4 in Mathematics
  - OR
  - H3H3H3H3H3H3H3H3H3H3 including Ordinary Level grade O3 in Biology and Chemistry + if not offered at Higher Level than Ordinary Level grade O4 in Mathematics
  - OR
  - H3H3H3H3H3H3H3H3H3H3 including Ordinary Level grade O3 in Biology + French + if not offered at Higher Level than Ordinary Level grade O4 in Mathematics
- **Irish**
  - ABB including A-level Irish
  - OR
  - H3H3H3H3H3H3H3H3H3H3 including Ordinary Level grade O3 in Irish
- **Language**
  - ABB + GCSE Mathematics grade B + if not offered at Higher Level than Ordinary Level grade O4 in Mathematics
  - OR
  - H3H3H3H3H3H3H3H3H3H3 including Ordina...
<table>
<thead>
<tr>
<th>Subject</th>
<th>Degree</th>
<th>Yr</th>
<th>A-Level Target Grades And Subject Requirements</th>
<th>Irish Leaving Certificate Higher Level Target Grades And Subject Requirements</th>
</tr>
</thead>
<tbody>
<tr>
<td>Law, Common and Civil Law with Hispanic Studies</td>
<td>LLB [S] 3</td>
<td>3</td>
<td>AAA, including A-level Spanish grade A</td>
<td>H2H3H3H3H3 including Higher Level grade H2 in Spanish</td>
</tr>
<tr>
<td>Law with Politics</td>
<td>LLB [S] 3</td>
<td>3</td>
<td>AAA</td>
<td>H2H3H3H3H3</td>
</tr>
<tr>
<td>Liberal Arts</td>
<td>MLibArts [S] 3</td>
<td>4</td>
<td>AAA</td>
<td>H2H3H3H3H3</td>
</tr>
<tr>
<td>Linguistics</td>
<td>BA [J] 3</td>
<td>3</td>
<td>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</td>
<td>H2H3H3H3H3H3 including Higher Level grade H3 in English</td>
</tr>
<tr>
<td>Marine Biology</td>
<td>BSc [S] 3</td>
<td>4</td>
<td>BBB, including Biology and at least one from Chemistry (preferred), Geography, Mathematics or Math + GCSE Chemistry grade C or GCSE Double Award Science grades CC GCSE Mathematics grade C OR BBB, including Double Award Applied Science or Double Award Life &amp; Health Sciences + GCSE Biology and Chemistry grade C or GCSE Double Award Science grades CC + GCSE Mathematics grade C OR ABB, including Biology + GCSE Chemistry grade C or GCSE Double Award Science grades CC + GCSE Mathematics grade C. It would be an advantage to have studied Chemistry beyond GCSE level.</td>
<td>H2H3H3H3H3H3H3 including Higher Level grade H3 in Biology and at least one from Chemistry (preferred), Geography, Mathematics or Physics + First offered at Higher Level then Ordinary Level grade O4 in Chemistry and Mathematics (see Medicinal Chemistry for Chemistry course)</td>
</tr>
<tr>
<td>Mathematics with Extended Studies in Europe</td>
<td>MEng [S] 4</td>
<td>3</td>
<td>ABB including Mathematics or Further Mathematics or Technology and Design + if not offered at Higher Level then Ordinary Level grade O4 in Mathematics from Physics (preferred), Biology, Chemistry, and at least one from Physics (preferred), Biology, or Chemistry.</td>
<td>H2H3H3H3H3H3 including Higher Level grades H2 and H3 in any order in Mathematics and at least one from Physics (preferred), Biology, Chemistry, or Further Mathematics.</td>
</tr>
<tr>
<td>Mathematics</td>
<td>BSc [S] 3</td>
<td>3</td>
<td>A (Mathematics) BB or A* (Mathematics) AB</td>
<td>H2H3H3H3H3 including Higher Level grade H2 in Mathematics</td>
</tr>
<tr>
<td>Mathematics (Pure and/or Applied)</td>
<td>BSc [S] 3</td>
<td>3</td>
<td>A (Mathematics) BB or A* (Mathematics) AB</td>
<td>H2H3H3H3H3 including Higher Level grade H2 in Mathematics</td>
</tr>
<tr>
<td>Mechanical Engineering</td>
<td>BEng [S] 3</td>
<td>3</td>
<td>BBB including Mathematics and at least one from Physics (preferred), Biology, Chemistry, Further Mathematics, Technology and Design or Double Award Applied Science Note: Applicants not offering Physics at A-level should have a minimum of a grade C in GCSE Physics or GCSE Double Award Science grades CC.</td>
<td>H2H3H3H3H3H3 including Higher Level grade H3 in Mathematics and at least one from Physics (preferred), Biology, or Chemistry.</td>
</tr>
<tr>
<td>Mathematics with Physics</td>
<td>BSc [S] 3</td>
<td>3</td>
<td>A (Mathematics) BB OR A* (Mathematics) AB</td>
<td>H2H3H3H3H3 including Higher Level grade H2 in Mathematics</td>
</tr>
<tr>
<td>Medical Chemistry (see also Chemistry)</td>
<td>BSc [S] 3</td>
<td>3</td>
<td>BBB including Chemistry and a second science subject + GCSE Mathematics grade C Note: Applicants not offering Physics at A-level should have a minimum of a grade C in GCSE Physics or GCSE Double Award Science grades CC.</td>
<td>H2H3H3H3H3H3 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.</td>
</tr>
<tr>
<td>Mathematics with Finance</td>
<td>BSc [S] 3</td>
<td>3</td>
<td>A (Mathematics) BB or A* (Mathematics) AB</td>
<td>H2H3H3H3H3 including Higher Level grade H2 in Mathematics</td>
</tr>
<tr>
<td>Mechanical Engineering</td>
<td>BEng [S] 4</td>
<td>3</td>
<td>BBB including Mathematics and a second from Physics (preferred), Biology, Chemistry, Further Mathematics, Technology and Design or Double Award Applied Science Note: Applicants not offering Physics at A-level should have a minimum of a grade C in GCSE Physics or GCSE Double Award Science grades CC.</td>
<td>H2H3H3H3H3H3 including Higher Level grade H3 in Mathematics and at least one from Physics (preferred), Biology, or Chemistry.</td>
</tr>
<tr>
<td>Mathematics with Finance</td>
<td>BSc [S] 3</td>
<td>3</td>
<td>A (Mathematics) BB or A* (Mathematics) AB</td>
<td>H2H3H3H3H3 including Higher Level grade H2 in Mathematics</td>
</tr>
<tr>
<td>Mathematics with Finance</td>
<td>BSc [S] 3</td>
<td>3</td>
<td>A (Mathematics) BB or A* (Mathematics) AB</td>
<td>H2H3H3H3H3 including Higher Level grade H2 in Mathematics</td>
</tr>
<tr>
<td>Mathematics with Finance</td>
<td>BSc [S] 3</td>
<td>3</td>
<td>A (Mathematics) BB or A* (Mathematics) AB</td>
<td>H2H3H3H3H3 including Higher Level grade H2 in Mathematics</td>
</tr>
<tr>
<td>Mathematics with Finance</td>
<td>BSc [S] 3</td>
<td>3</td>
<td>A (Mathematics) BB or A* (Mathematics) AB</td>
<td>H2H3H3H3H3 including Higher Level grade H2 in Mathematics</td>
</tr>
<tr>
<td>Subject</td>
<td>Degree</td>
<td>Yrs</td>
<td>A-Level Target Grades And Subject Requirements</td>
<td>Irish Leaving Certificate Higher Level Target Grades And Subject Requirements</td>
</tr>
<tr>
<td>---------</td>
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<td>-----------------------------------------------</td>
<td>--------------------------------------------------------------------------</td>
</tr>
<tr>
<td>Medicine</td>
<td>MB, BCh, BAO [5]</td>
<td>5</td>
<td>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 from Biology/Human Biology grade A is a 4th AS-level, or grade B at a 5th AS-level. GCE Mathematics minimum grade C and either GCE Physics minimum grade C or GCE Double Award Science minimum grade C are required if not offered at A-level or AS-level. A maximum of either one Applied A-level or Applied AS-level will be counted.</td>
<td>H3H/H/H/H/H including Higher Level grade H1 in Biology and Chemistry <strong>if</strong> 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.</td>
</tr>
<tr>
<td>Microbiology</td>
<td>BSc [5]</td>
<td>3</td>
<td>BBB including Biology and at least one from Chemistry (preferred), Geography, Mathematics or Physics **GCE Chemistry grade B or GCE Double Award Science grades BB + GCE Mathematics grade C OR BBB including Double Award Applied Science or Double Award Life &amp; Health Sciences **GCE Biology grade C and Chemistry grade B or GCE Double Award Science grades BB + GCE Mathematics grade C OR AAB including Biology **GCE Chemistry grade B or GCE Double Award Science grades BB + GCE Mathematics grade C.</td>
<td>H3H/H/H/H/H/H/H including Higher Level grade H1 in Biology + Ordinary Level grade O3 in Chemistry and O4 in Mathematics.</td>
</tr>
<tr>
<td>Midwifery Sciences</td>
<td>BSc [5]</td>
<td>3</td>
<td>BCC including a relevant Science (Biology/ Human Biology, Chemistry, Life &amp; Health Sciences, Mathematics or Physics)</td>
<td>H3/H/H/H/H/H/H including Higher Level grade H1 in Biology and at least one from Chemistry (preferred), Geography, Mathematics or Physics <strong>if</strong> not offered at Higher Level then Ordinary Level grade O3 in Chemistry and O4 in Mathematics.</td>
</tr>
<tr>
<td>Microbiology</td>
<td>BSc [5]</td>
<td>3</td>
<td>BBB including and at least one from Chemistry (preferred), Geography, Mathematics or Physics **GCE Chemistry grade B or GCE Double Award Science grades BB + GCE Mathematics grade C OR BBB including Double Award Applied Science or Double Award Life &amp; Health Sciences **GCE Biology grade C and Chemistry grade B or GCE Double Award Science grades BB + GCE Mathematics grade C OR AAB including Biology **GCE Chemistry grade B or GCE Double Award Science grades BB + GCE Mathematics grade C.</td>
<td>H3/H/H/H/H/H/H/H including Higher Level grade H1 in Biology + Ordinary Level grade O3 in Chemistry and O4 in Mathematics.</td>
</tr>
<tr>
<td>Midwifery Sciences</td>
<td>BSc [5]</td>
<td>3</td>
<td>BCC including a relevant Science (Biology/ Human Biology, Chemistry, Life &amp; 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 3 GCELS at grade B to include Mathematics and a Science subject (or Biology/Human Biology, Chemistry, Physics, Double Award Science or Single Award Science).</td>
<td>H3/H/H/H/H/H/H/H including Higher Level grade H1 in Biology and at least one from Chemistry (preferred), Geography, Mathematics or Physics <strong>if</strong> not offered at Higher Level then Ordinary Level grade O3 in Mathematics and a Science subject is necessary.</td>
</tr>
<tr>
<td>Nursing</td>
<td>BSc [5]</td>
<td>3</td>
<td>BCC including a relevant Science (Biology/ Human Biology, Chemistry, Life &amp; Health Sciences, Mathematics or Physics) OR BBC 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.</td>
<td>H3/H/H/H/H/H/H/H including Higher Level grade H1 in Biology and Chemistry <strong>if</strong> not offered at Higher Level then Ordinary Level grade O4 in Mathematics.</td>
</tr>
<tr>
<td>Pharmacology</td>
<td>BSc [5]</td>
<td>3</td>
<td>BBB including Biology and Chemistry **GCE Mathematics grade C OR BBC including Biology and at least one from Mathematics or Physics **GCE Chemistry grade C or GCE Double Award Science grades CC + GCE Mathematics grade C OR BBB including Chemistry and at least one from Mathematics or Physics **GCE Biology grade C or GCE Double Award Science grades CC + GCE Mathematics grade C OR BBC including Chemistry and at least one from Mathematics or Physics **GCE Biology grade C or GCE Double Award Science grades CC + GCE Mathematics grade C.</td>
<td>H3/H/H/H/H/H/H/H including Higher Level grade H1 in Biology and Chemistry <strong>if</strong> not offered at Higher Level then Ordinary Level grade O4 in Mathematics.</td>
</tr>
<tr>
<td>Pharmacy</td>
<td>MPharm [5]</td>
<td>4</td>
<td>AAB including A-level Chemistry and at least one other A-level from Biology, Mathematics or Physics **GCE Biology grade C or GCE Double Award Science grades CC + GCE Mathematics grade C. OR Note: Biology to at least AS level preferred.</td>
<td>H3/H/H/H/H/H/H/H including Higher Level grade H1 in Biology and Chemistry <strong>if</strong> not offered at Higher Level then Ordinary Level grade O4 in Mathematics.</td>
</tr>
<tr>
<td>Subject</td>
<td>Degree</td>
<td>Year</td>
<td>A-Level Target Grades And Subject Requirements</td>
<td>Irish Leaving Certificate Higher Level Target Grades And Subject Requirements</td>
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<td>--------------------------------------------------------------------------</td>
</tr>
<tr>
<td>Physics</td>
<td>BSc [S/J]</td>
<td>3</td>
<td>BBB including Mathematics and Physics H3H3H3H4H4H4H4H4H3H3H3 including Higher Level grade H3 in Mathematics and Physics</td>
<td>H2H3H3H3H3H3H3H3H3H3H3H3 including Higher Level grade H3 in Mathematics and Physics</td>
</tr>
<tr>
<td>Physics with Extended Studies in Europe</td>
<td>BSc [S]</td>
<td>4</td>
<td>BBB including Mathematics and Physics • For French option: A-level French grade B • For Spanish option: A-level Spanish grade B</td>
<td>H2H3H3H3H3H3H3H3H3H3H3H3 including Higher Level grade H3 in Mathematics and Physics • For French option: Higher Level grade H3 in French • For Spanish option: Higher Level grade H3 in Spanish</td>
</tr>
<tr>
<td>Sociology</td>
<td>BA [S/J]</td>
<td>3</td>
<td>BBB including Mathematics and Physics</td>
<td>H3H3H3H3H3H3H3H3H3H3H3H3 including Higher Level grade H3 in Mathematics and Physics</td>
</tr>
<tr>
<td>Sociology with Quantitative Methods</td>
<td>BSc [S]</td>
<td>3</td>
<td>BBB including Mathematics</td>
<td>H3H3H3H3H3H3H3H3H3H3H3H3 including Higher Level grade H3 in Mathematics and Physics</td>
</tr>
<tr>
<td>Politics</td>
<td>BA [S/J]</td>
<td>3</td>
<td>ABB</td>
<td>H3H3H3H3H3H3H3H3H3H3H3H3</td>
</tr>
<tr>
<td>Politics, Philosophy and Economics</td>
<td>BA [S]</td>
<td>3</td>
<td>AAA + GCSE Mathematics grade B H2H3H3H3H3H3H3 including Higher Level grade O4 in Ordinary Level</td>
<td>H3H3H3H3H3H3H3H3H3H3H3H3 including Higher Level grade O4 in Ordinary Level</td>
</tr>
<tr>
<td>Product Design Engineering</td>
<td>BEng [S]</td>
<td>3</td>
<td>BBB including Mathematics and at least one from Physics (preferred), Biology, Chemistry, Further Mathematics, Technology and Design or Double Award Applied Science Note: Applicants not offering Physics at A-level should have a minimum of a grade C in GCSE Physics or GCSE Double Award Science grades CC</td>
<td>H2H3H3H3H3H3H3H3H3H3H3H3 including Higher Level grade H3 in Mathematics and at least one from Physics (preferred), Biology or Chemistry</td>
</tr>
<tr>
<td>Psychology</td>
<td>BSc [S]</td>
<td>3</td>
<td>ABB + GCSE Mathematics grade C H3H3H3H3H3H3H3H3H3H3H3H3 including Higher Level grade H3 in 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 Applied Science</td>
<td>H2H3H3H3H3H3H3H3H3H3H3H3 including Higher Level grade H3 in 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 Applied Science</td>
</tr>
<tr>
<td>Social Policy</td>
<td>BA [J]</td>
<td>3</td>
<td>ABB for Joint Honours with Criminology BBB for Joint Honours with Sociology H3H3H3H3H3H3H3H3H3H3H3H3H3H3H3H3H3H3H3 including Higher Level grade H3 in Sociology</td>
<td>H3H3H3H3H3H3H3H3H3H3H3H3H3H3H3H3H3H3H3 including Higher Level grade H3 in Mathematics and at least one from Sociology</td>
</tr>
<tr>
<td>Social Work</td>
<td>BSW [S]</td>
<td>3</td>
<td>ABB + GCSE Mathematics grade C or an equivalent qualification acceptable to the University Note: applicants being considered for an offer will be interviewed.</td>
<td>H3H3H3H3H3H3H3H3H3H3H3H3H3H3H3H3H3H3H3 including Higher Level grade H3 in Mathematics and at least one from Sociology</td>
</tr>
<tr>
<td>Social Work (Relevant Graduate Routes)</td>
<td>BSW [S]</td>
<td>2</td>
<td>A minimum of a second Class Honours degree in a cognate subject. Please refer to degree entry for further information on cognate subjects.</td>
<td>A minimum of a second Class Honours degree in a cognate subject. Please refer to degree entry for further information on cognate subjects.</td>
</tr>
<tr>
<td>Sociology with Quantitative Methods</td>
<td>BSc [S]</td>
<td>3</td>
<td>BBB including Mathematics OR BBC + A5-level Mathematics grade B OR ABB + GCSE Mathematics grade B H3H3H3H3H3H3H3H3H3H3H3H3 including Higher Level grade H3 in Mathematics and at least one from Sociology, Criminology and Psychology</td>
<td>H3H3H3H3H3H3H3H3H3H3H3H3 including Higher Level grade H3 in Mathematics and at least one from Sociology, Criminology and Psychology</td>
</tr>
<tr>
<td>© Software and Electronic Systems Engineering</td>
<td>BEng [S]</td>
<td>3</td>
<td>BBB 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 Applied Science</td>
<td>H3H3H3H3H3H3H3H3H3H3H3H3 including Higher Level grade H3 in 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 Applied Science</td>
</tr>
<tr>
<td>Software Engineering</td>
<td>BEng [S] (sandwich course)</td>
<td>4</td>
<td>BBB including Computing, Mathematics or Software Systems Development + GCSE Mathematics grade C OR ABB including Computing, Mathematics or Software Systems Development + GCSE Mathematics grade C OR ABB including Computing, Mathematics or Software Systems Development + GCSE Mathematics grade C OR ABB including Computing, Mathematics or Software Systems Development + GCSE Mathematics grade C OR ABB including Computing, Mathematics or Software Systems Development + GCSE Mathematics grade C OR ABB including Computing, Mathematics or Software Systems Development + GCSE Mathematics grade C</td>
<td>H3H3H3H3H3H3H3H3H3H3H3H3 including Higher Level grade H3 in Mathematics and at least one from Sociology, Criminology and Psychology</td>
</tr>
<tr>
<td>Software Engineering</td>
<td>BEng [S]</td>
<td>4</td>
<td>ABB including Computing, Mathematics or Software Systems Development + GCSE Mathematics grade C OR ABB including Computing, Mathematics or Software Systems Development + GCSE Mathematics grade C OR ABB including Computing, Mathematics or Software Systems Development + GCSE Mathematics grade C OR ABB including Computing, Mathematics or Software Systems Development + GCSE Mathematics grade C OR ABB including Computing, Mathematics or Software Systems Development + GCSE Mathematics grade C OR ABB including Computing, Mathematics or Software Systems Development + GCSE Mathematics grade C</td>
<td>H3H3H3H3H3H3H3H3H3H3H3H3 including Higher Level grade H3 in Mathematics and at least one from Sociology, Criminology and Psychology</td>
</tr>
</tbody>
</table>
subject Degree yrs a-level target grades and subject requirements
software engineering (continued) MEng (sandwich course) 5 AAB including Computing, Mathematics or Software Systems Development + GCSE Mathematics grade C OR AAB including Computing, Mathematics or Software Systems Development + GCSE Mathematics grade C 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
H3H3H3H3H3 including higher level grade H3 in Mathematics OR H2H3H3H3H3 including higher level grade H3 in Chemistry or Physics + Ordinary Level grade C4 in Mathematics
software engineering with digital technology partnership BEng (sandwich course) 4 BBB including Computing, Mathematics or Software Systems Development + GCSE Mathematics grade C OR BBB including Computing, Mathematics or Software Systems Development + GCSE Mathematics grade C OR H3H3H3H3H3 including Higher Level grade H3 in Mathematics OR H3H3H3H3H3 including higher level grade H3 in Chemistry or Physics + Ordinary Level grade C4 in Mathematics 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.
Spanish BA (sandwich course) 4 AAB including Spanish
Note: For those who have not studied A-level Spanish then AS-level Spanish grade B would be acceptable.
H3H3H3H3H3H3H3 including higher level grade H3 in Spanish
Spanish (beginner's) BA (sandwich course) 4 ABB + GCSE Spanish grade B 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
H3H3H3H3H3H3H3 + Ordinary Level grade D3 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 (sandwich course) 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
H3H3H3H3H3H3H3 including higher level grade H3 in Spanish
Spanish and Portuguese (beginner's) BA (sandwich course) 4 ABB + GCSE Spanish grade B 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
H3H3H3H3H3H3H3 + Ordinary Level grade D3 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 (sandwich course) 4 AAB 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 in GCSE Physics or GCSE Double Award Science grades BB
H2H3H3H3H3H3 including Higher Level grade H2 and H3 in any order in Mathematics and a Science subject (see last under A-level list requirements)

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 is at Queen's.
3. First two years based at the College of Agriculture, Food and Rural Enterprise (Greenmount Campus, Antrim). Final year is at Queen's.
4. Applicants for courses involving Music should indicate in the Education section of the UCAS application is at Queen's.
5. First two years based at the College of Agriculture, Food and Rural Enterprise (Greenmount Campus, Antrim). Final year is at Queen's.
6. Academic and subject requirements for the placement option will add one extra year to the duration of the course.
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 is 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 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

<table>
<thead>
<tr>
<th>Subject</th>
<th>Target Grades and Subject Requirements</th>
</tr>
</thead>
<tbody>
<tr>
<td>AGRI-FOOD AND LAND USE</td>
<td>65% average in relevant course (normally Science based). GCSE Mathematics grade C or equivalent in Access Course</td>
</tr>
<tr>
<td>Energy, Environment and Sustainability (Foundation Degree)</td>
<td>80% average in relevant course (normally Science based). GCSE Mathematics grade C or equivalent in Access Course</td>
</tr>
<tr>
<td>Environmental Management</td>
<td>65–70% average. GCSE Mathematics grade C or equivalent in Access Course. N.B.: certain modules require GCSE Mathematics grade B or equivalent in Access Course</td>
</tr>
<tr>
<td>Food Quality, Safety and Nutrition (BSc)</td>
<td>60% average with no less than 70% in any module including sufficient relevant modules in Biology and Chemistry. GCSE Mathematics grade C or equivalent in Access Course</td>
</tr>
<tr>
<td>Food Science and Food Security</td>
<td>Not considered.</td>
</tr>
<tr>
<td>Nutrition and Dietetics</td>
<td></td>
</tr>
</tbody>
</table>

### EDUCATION

The standards required vary according to the type of degree. The following is a guide to the standards required. 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.

### Audio Engineering

85% 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/BSc degrees)

65–70% average. Must be relevant Access Course including two modules in Mathematics (Level 3) and two modules in Physics/Chemistry (Level 3).

### Computing and Information Technology

75% average in any Access Course. GCSE Mathematics grade C or equivalent in Access Course. N.B. 75 in a computing, mathematical or scientific Access Course. GCSE Mathematics grade C or equivalent in Access Course.

### Engineering - Foundation degrees: Mechanical Engineering

55% average. Must be a relevant Access Course including two modules in Mathematics (Level 3) and two modules in Physics (Level 3).

### Engineering - BEng degrees

80% in each module. Must be a relevant Access Course including two modules in Mathematics (Level 3) and two modules in Physics (Level 3).

### HUMANITIES AND SOCIAL SCIENCES

Anthropology | 70% average |
Archaeology | 85% average |
Broadcast Production | 70% average |
Criminology | 70% average |
Drama | 70% average |
English | 70% average |

### Language Studies

70% average including an average of 65% in Literature modules for Single Honours in French and Italian.

### Literature

70% average including an average of 65% in Literature modules for Joint Honours in English and another Modern Language.

### Mathematics

70% average including an average of 65% in Mathematics modules for Joint Honours in Mathematics and another Honours degree.

### Other Honours Degrees

70% average including an average of 65% in Literature modules for other options.

### Music

70% average including an average of 65% in Literature modules for Joint Honours in Music and another Honours degree.

### Film Studies and Production

75% average

### Software Engineering (BEng degrees)

65–70% average. Must be relevant Access Course in Computing and Mathematics. GCSE Mathematics grade C or equivalent in Access Course.

### Software Engineering with Digital Technology Partnership

This is a Higher Level Apprenticeship in conjunction with a leading technology employer.

### Architecture

75% average. GCSE Mathematics grade C or equivalent in Access Course.

### Computer Science (BEng/BSc degrees)

65–70% average. Must be relevant Access Course in Computing and Mathematics. GCSE Mathematics grade C or equivalent in Access Course.

### Computing and Information Technology

75% average in any Access Course. GCSE Mathematics grade C or equivalent in Access Course. N.B. 75 in a computing, mathematical or scientific Access Course. GCSE Mathematics grade C or equivalent in Access Course.

### Engineering - Foundation degrees: Mechanical Engineering

55% average. Must be a relevant Access Course including two modules in Mathematics (Level 3) and two modules in Physics (Level 3).

### Engineering - BEng degrees

80% in each module. Must be a relevant Access Course including two modules in Mathematics (Level 3) and two modules in Physics (Level 3).

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70% average including an average of 65% in Mathematics modules for Joint Honours in Mathematics and another Honours degree.

### Other Honours Degrees

70% average including an average of 65% in Literature modules for other options.

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70% average including an average of 65% in Literature modules for Joint Honours in Music and another Honours degree.

### Film Studies and Production

75% average

### Software Engineering (BEng degrees)

65–70% average. Must be relevant Access Course in Computing and Mathematics. GCSE Mathematics grade C or equivalent in Access Course.

### Software Engineering with Digital Technology Partnership

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75% average. GCSE Mathematics grade C or equivalent in Access Course.

### Computer Science (BEng/BSc degrees)

65–70% average. Must be relevant Access Course in Computing and Mathematics. GCSE Mathematics grade C or equivalent in Access Course.

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55% average. Must be a relevant Access Course including two modules in Mathematics (Level 3) and two modules in Physics (Level 3).

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### Literature

70% average including an average of 65% in Literature modules for Joint Honours in English and another Modern Language.

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70% average including an average of 65% in Mathematics modules for Joint Honours in Mathematics and another Honours degree.

### Other Honours Degrees

70% average including an average of 65% in Literature modules for other options.

### Music

70% average including an average of 65% in Literature modules for Joint Honours in Music and another Honours degree.

### Film Studies and Production

75% average

### Software Engineering (BEng degrees)

65–70% average. Must be relevant Access Course in Computing and Mathematics. GCSE Mathematics grade C or equivalent in Access Course.

### Software Engineering with Digital Technology Partnership

This is a Higher Level Apprenticeship in conjunction with a leading technology employer.

### Architecture

75% average. GCSE Mathematics grade C or equivalent in Access Course.

### Computer Science (BEng/BSc degrees)

65–70% average. Must be relevant Access Course in Computing and Mathematics. GCSE Mathematics grade C or equivalent in Access Course.

### Computing and Information Technology

75% average in any Access Course. GCSE Mathematics grade C or equivalent in Access Course. N.B. 75 in a computing, mathematical or scientific Access Course. GCSE Mathematics grade C or equivalent in Access Course.

### Engineering - Foundation degrees: Mechanical Engineering

55% average. Must be a relevant Access Course including two modules in Mathematics (Level 3) and two modules in Physics (Level 3).

### Engineering - BEng degrees

80% in each module. Must be a relevant Access Course including two modules in Mathematics (Level 3) and two modules in Physics (Level 3).
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<thead>
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<th>Subject</th>
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<tbody>
<tr>
<td><strong>Film and Theatre Making</strong></td>
<td>70% average</td>
</tr>
<tr>
<td>French</td>
<td>Not normally considered as Access Courses would not satisfy language requirements</td>
</tr>
<tr>
<td>History</td>
<td>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</td>
</tr>
<tr>
<td>International Politics and Conflict Studies (Single Honours), International Studies (Joint Honours)</td>
<td>70% average</td>
</tr>
<tr>
<td>Irish</td>
<td>Not normally considered as Access Courses would not satisfy language requirements</td>
</tr>
<tr>
<td>Linguistics</td>
<td>70% average including average of 65% in Literature modules</td>
</tr>
</tbody>
</table>
| Music - BMus | Certificate in Foundation Studies in Music with an average of 65%
| Music and Audio Production | 70% average |
| Music and Sound Design | 70% average |
| Music Performance | 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 |
| Sociology | 70% minimum. Minimum of a grade C in GCSE Mathematics or the equivalent in the Access course |
| Sociology with Quantitative Methods | 70% average. GCSE Mathematics grade B or equivalent in Access Course |
| Spanish (Single and Joint Honours), Spanish and Portuguese | Not normally considered as Access Courses would not satisfy language requirements |
| **LAW** | 75% average |
| Law, Law with Politics | Not normally considered as Access Courses would not satisfy language requirements |
| Common and Civil Law with French or Spanish | Not normally considered as Access Courses would not satisfy language requirements |

### MANUFACTURING
- **Accounting** 75% average. GCSE Mathematics grade B or equivalent in Access Course
- **Actuarial Science and Risk Management** Not considered
- **Business Economics** Not considered
- **Business Information Technology** 70% average. GCSE Mathematics grade B or equivalent in Access Course
- **Business Management** 70% average. GCSE Mathematics grade B or equivalent in Access Course
- **Economics** 70% average. GCSE Mathematics grade A or equivalent in Access Course
- **Economics and Accounting** 70% average. GCSE Mathematics grade B or equivalent in Access Course
- **Finance** 75% average. Must be relevant Access Course Production Accounting or Computing |
- **International Business with a Language** Not normally considered as Access Courses would not satisfy language requirements

### MEDICINE AND HEALTH SCIENCES
- **Biomedical Sciences** and **Human Biology** 80% average with no less than 70% in any module including sufficient relevant modules in Biotechnology and Chemistry. GCSE Mathematics grade C or equivalent in Access Course
- **Biology** 70% average. Must be a relevant Access Course with sufficient relevant modules in Biology and Chemistry. GCSE Mathematics grade C or equivalent in Access Course
- **Chemistry** 65% average. Must be a relevant Access Course with sufficient relevant modules in Chemistry. GCSE Mathematics grade C or equivalent in Access Course
- **Dentistry** Not considered
- **Malpractice Sciences** 65% where at least half of the overall programme is in Biology or Chemistry or Physics (Level 3 modules)
- **Nursing** 65% where at least half of the overall programme is in Biology or Chemistry or Physics (Level 3 modules)

### SCIENCE
- **Archeology (MSC)** 75% average. GCSE Mathematics grade C or equivalent in Access Course
- **Archeology-Paleocology (BSc)** 65% average. GCSE Mathematics grade C or equivalent in Access Course
- **Biology and Biochemistry - BSc degrees** 80% average with no less than 70% in any module including sufficient relevant modules in Biology and Chemistry. GCSE Mathematics grade C or equivalent in Access Course
- **Chemistry - BSc degrees** 80% average with no less than 70% in any module including sufficient relevant modules in Chemistry. GCSE Mathematics grade C or equivalent in Access Course
- **Geography - BSc degrees** 80% average with no less than 70% in any module including sufficient relevant modules in Geography. GCSE Mathematics grade C or equivalent in Access Course
- **Mathematics - BSc degrees** 80% average with at least 80% in any module. Must be relevant Access Course (eg Mathematics and Computing)

### THEOLOGY
- **Divinity, Theology** 65% average

### Notes
1. Where it is stipulated that an equivalent is acceptable, it should be noted that equivalent must be recognised and acceptable to the University.
2. First two years based at the College of Agriculture, Food and Rural Enterprise (Greenmount Campus). Final year is at Queen’s. 3. Based at South West College (Omagh). Articulation from the Foundation Degree to an Honours degree at Queen’s is possible. 4. Based at Belfast Metropolitan College. Articulation from the Foundation Degree to an Honours degree at Queen’s is possible. 5. Where subjects are offered as Joint Honours, the requirements are stated separately under each heading and subject specific requirements must be met. 6. 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 indicate details of any examinations they intend to complete before admission to the University.
Queen’s University Belfast – Undergraduate Prospectus 2019

1. 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) are considered in the awarding bodies’ examinations may be taken into account. Learning 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 120 credits at Distinction and 80 credits at Merit in the BTEC Extended Diploma/OCR Cambridge Technical Extended Diploma/Extended Certificate – Level 3 (HND – Level 5)

BTEC Higher National Diplomas in Medicine, Dentistry, Pharmacy, for which these qualifications are not acceptable. Again offers will be made in terms of performance in individual units rather than the overall grade(s) awarded. The table below for guidance.

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

2. 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 are taken into consideration. Where appropriate, the course requirements. For Arts, Humanities and Social Sciences-based subjects, where offers are made these range from Merits in all first-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 specified) and seven Passes for Stage 1. In Science, Engineering, Social Sciences-based subjects usually require Merit in all final year units or a mixture of Distinctions and Merits. HNC Entry Requirements are currently under review for 2019 entry.

3. 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. HNC Entry Requirements are currently under review for 2019 entry.

4. 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.

5. Scottish Highers and Advanced Highers

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

• For certain degree courses within Science, Engineering, Agri-Food and Land Use, Queen’s Management School and School of Natural and Built Environment 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 AAAAA required. Three Advanced Highers are necessary except where applicants achieved AAAA in Scottish Highers. In Science, Engineering, Social Sciences-based subjects, two Advanced Highers would be acceptable.

6. 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 equivalences, the following acts as a guide.

7. 9. BTEC/OCR qualifications at Level 2

Applicants offering these qualifications are considered individually on their merits and GCSE background and results in the first year. Offers will be made in terms of performance in individual units rather than the overall grade(s) awarded.

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.

11. CACHE Level 3 Qualifications

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

7. Open University Qualifications

Applications offering Open University qualifications are considered individually on their merits and on level of performance. Applications 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.

8. Cambridge Pre-U Diploma and Principal Subjects

The Cambridge Pre-U Diploma and Principal Subjects are acceptable, on their own or in combination with other qualifications. A Principal Subject will normally 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.

9. 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. Normally a maximum of the equivalent of four GCSEs in acceptable vocational qualifications will be counted.

10. Certificate and Diploma

Applications from applicants presenting with a Certificate and Diploma in any of the above qualifications will also be considered.

11. Other qualifications deemed by the University

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

t: +44 (0) 28 9097 3838

Queen’s University Belfast – Undergraduate Prospectus 2019
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 2019 from 1 September 2018. The advisory closing date for the receipt of UCAS applications is 15 January 2019 (00.00), however, for applicants applying to Oxford or Cambridge and for whose choices include Medicine, Dentistry or Veterinary Medicine/Science the closing date is 15 October 2018.

Currently there are two intakes for Adult Nursing (one in September and the other in February) and application is made for both courses by 15 January (00.00) prior to the academic year of entry for September and the following February. The application deadline is not a change but it should be noted that from 2019-20 entry, the two intakes may be combined. Please refer to the online prospectus which will be updated as further information becomes available.

Applicants are encouraged to apply as early as possible with a view to making a full and completed application. This will allow the University to accept applications but not to make any firm decisions.

Applicants should provide all the requested information and submit their UCAS Application(s) without delay. There may be a substantial reduction in the number of places available on some of the University’s courses once the UCAS application deadline is passed.

Applications for Nursing, Midwifery and Social Work must be submitted by the 15 January (08.00) deadline. Applications received after this date 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 Closing Date 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 students from a care-experienced background and in recognition of this the University has been awarded the Butte UK Quality Mark. 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 will also award a £1,000 bursary. For more information about our bursary and support, please contact Deirdre Lynsky, d.lynsky@qub.ac.uk or visit our dedicated webpage at qub.ac.uk/aboutdirectorates/soc/sgc/wpu/CareLeavers.

PATHWAY OPPORTUNITY PROGRAMME
Queen’s 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 experience, to reach their full potential.

Throughout Years 13 and 14 successful students will benefit from a structured series of events designed to aid progression to Queen’s including admissions guidance and support. Students will also participate in a range of activities throughout the summer school in July. Those who successfully complete the programme will be offered a place on a University Medical or Veterinary Medical course.

DEFERRED ENTRY
For further information please contact Widening Participation (wpq@qub.ac.uk).

DISABILITY SERVICES
The University is committed to ensuring equal opportunities for all of its students and actively encourages applications from people with disabilities or long-term conditions. An individual's disability or long term condition is not considered prior to an offer being made and has no bearing on the decision.

The University offers an extensive range of supports for students with disabilities and long term conditions. The reasonable adjustments available are outlined in the Student Disability Policy, which is available at qub.ac.uk/DisabilityPolicy.

On receipt of the offer, the University will send a list of the supports and services that are available in the Student Disability Policy, which is available at qub.ac.uk/DisabilityPolicy.

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

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

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 would require evidence of recent academic study (normally within the last five years) at a suitably high level to have led to good results. The qualifications most frequently offered by such applicants are Access Courses (see information and table on pages 82-85). A-levels, BTEC 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 undergraduate level, there are others, particularly in Science and Engineering, where core 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 formal study of this nature may 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 (jobq.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
It is the policy of the University to consider applications for admission on their individual merits in the light of all available information. The primary selection criteria are those related to the qualifications, skills, abilities and personal qualities of an applicant. The University will investigate the criminal record of a new applicant only if the primary selection criteria for a course have been met.

The University acknowledges the key role education in the rehabilitative process and a criminal record will not be taken into account unless the nature and seriousness of the offence in question are incompatible with:

1. the course applied for;
2. the ultimate professional role being undertaken;
3. participation in an academic and social setting and the University’s responsibility to ensure a safe environment.

Regulations concerning admission of applicants who have a criminal record are available from the University’s Registry or at: go.qub.ac.uk/Regulations.

APPLICATIONS FOR THEOLOGY
All applications for full-time undergraduate courses in the University should be submitted through the Universities and Colleges Admissions Service (UCAS) at: ucas.com/apply.

Applicants for the Bachelor of Divinity or Bachelor of Arts in Theology are invited to apply through the Universities and Colleges Admissions Service (UCAS) at: ucas.com/apply.

Applicants for the Bachelor of Divinity or Bachelor of Arts in Theology for studying the role of education in the rehabilitative process are invited to apply through the Universities and Colleges Admissions Service (UCAS) at: ucas.com/apply.

For further information please contact Theology, qub.ac.uk/ado.

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All applications for full-time undergraduate courses in the University should be submitted through the Universities and Colleges Admissions Service (UCAS) at: ucas.com/apply.

Applicants for the Bachelor of Divinity or Bachelor of Arts in Theology are invited to apply through the Universities and Colleges Admissions Service (UCAS) at: ucas.com/apply.

Applicants for the Bachelor of Divinity or Bachelor of Arts in Theology for studying the role of education in the rehabilitative process are invited to apply through the Universities and Colleges Admissions Service (UCAS) at: ucas.com/apply.

For further information please contact Theology, qub.ac.uk/ado.

APPLICANTS WITH A CRIMINAL RECORD
It is the policy of the University to consider applications for admission on their individual merits in the light of all available information. The primary selection criteria are those related to the qualifications, skills, abilities and personal qualities of an applicant. The University will investigate the criminal record of a new applicant only if the primary selection criteria for a course have been met.

The University acknowledges the key role education in the rehabilitative process and a criminal record will not be taken into account unless the nature and seriousness of the offence in question are incompatible with:

1. the course applied for;
2. the ultimate professional role being undertaken;
3. participation in an academic and social setting and the University’s responsibility to ensure a safe environment.

Regulations concerning admission of applicants who have a criminal record are available from the University’s Registry or at: go.qub.ac.uk/Regulations.

APPLICATIONS FOR THEOLOGY
All applications for full-time undergraduate courses in the University should be submitted through the Universities and Colleges Admissions Service (UCAS) at: ucas.com/apply.

Applicants for the Bachelor of Divinity or Bachelor of Arts in Theology are invited to apply through the Universities and Colleges Admissions Service (UCAS) at: ucas.com/apply.

Applicants for the Bachelor of Divinity or Bachelor of Arts in Theology for studying the role of education in the rehabilitative process are invited to apply through the Universities and Colleges Admissions Service (UCAS) at: ucas.com/apply.

For further information please contact Theology, qub.ac.uk/ado.
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 BT7 1JE
t: +44 (0)28 9032 7678
e: admissions@smucb.ac.uk
f: +44 (0)28 9033 3719
smucb.ac.uk

Stranmillis University College
Academic Registry
Stranmillis University College
Stranmillis Road
Belfast BT9 5DY
t: +44 (0)28 9038 4263
e: academic.registry@stran.ac.uk
f: +44 (0)28 9038 4444
stran.ac.uk

The Admissions Policy for St Mary’s University College can be found at: smucb.ac.uk/admissions/adminpolicy.php
The Admissions Policy for Stranmillis University College can be found at: stran.ac.uk/informationabout/undergraduate/applications/undergraduateadmissionspolicy

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
e: admissions@qub.ac.uk
w: qub.ac.uk/ado

DECISIONS ON APPLICATIONS
Decisions on applications are made on an ongoing basis for most courses. However, there is 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.

If 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.

The Admissions and Access Service will issue further information, please contact: Admissions and Access Service Queen’s University Belfast Belfast BT7 1NN
t: +44 (0)28 9097 3838
e: admissions@qub.ac.uk
w: qub.ac.uk/ado

APPROVAL SCHEME – ATAS

The Admissions and Access Service is happy to answer your questions. For further information, please contact: the Admissions and Access Service in the first instance (admissions@qub.ac.uk).

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
e: admissions@qub.ac.uk
w: qub.ac.uk/ado

ACADEMIC TECHNOLOGY APPROVAL SCHEME – ATAS (NON EU/EAA APPLICANTS) – INTERNATIONAL SECTION

Academic Technology Approval Scheme – ATAS (Non EU/EAA Applicants) Non EU/EAA 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, 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: gov.uk/uk/atas

IMMIGRATION/VISA INFORMATION

If you are from outside the European Economic Area and 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.
WELCOME WEEK
This week comprises official registration on to your course of study as well as a welcome and orientation programme. You are required to be available throughout the week.

INTERNATIONAL WELCOME AND ORIENTATION PROGRAMME
We meet International students on arrival (at either George Best Belfast City Airport or Belfast International Airport) and help organise transport to your accommodation.

International students then take part in a five-day orientation programme, before the main Welcome Week. We’ll help you settle in to the University, the campus, and the city of Belfast. We’ll also help you register with a doctor, organise a UK bank account and mobile phone, show you where to go shopping and give you plenty of opportunities to make new friends.

ENROLLMENT 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.

WELCOME AND ORIENTATION
The University has a welcome and orientation programme for new students. The programme aims to help students settle in quickly to the University. Full details are available from qub.ac.uk/welcome with links to organised events and activities on campus and providing you with important information about key student services and levels of service provision you can expect to receive at Queen’s. Your University School is central to this programme and with numerous opportunities to meet staff and other students – make sure you get involved!
A-Z OF DEGREES

For up-to-date course information, please visit the University’s online Course Finder: go.qub.ac.uk/coursefinder
Accounting is concerned with the provision of economic information for both internal and external organisational stakeholders. 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 in the various specialisations of Financial Accounting, Management Accounting, Auditing, Taxation and Finance.

COURSE CONTENT

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

The modules are:

Year 1
- Accounting Information Systems* – Introduction to Legal Concepts and Basic Contract Law
- Introductory Financial Accounting*
- Introductory Management Accounting*
- Principles of Economics*
- Statistical Methods*
- Advanced Management Accounting*
- Advanced Financial Accounting*
- Data Analysis and Optimisation

Year 2
- Financial Accounting*
- Financial Decision-making*
- Financial Market Theory
- Management Accounting*
- Management Behaviour

Optional Modules
- Managerial Economics
- Data Analysis and Optimisation

Year 3
- Advanced Financial Accounting*
- Advanced Management Accounting*
- Auditing and Accountability
- Law of Business Organisations*
- Taxation*

Optional Modules
- Issues in Not-for-Profit and Non-Profit Organisations
- Sales and Supply Management
- Entrepreneurship

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

WHY QUEENS’?

Professional Exemptions

The degree is accredited by the Association of Chartered Certified Accountants (ACCA), the Chartered Institute of Management Accountants (CIMA), Chartered Accountants Ireland (ICAI), the Institute of Chartered Accountants England and Wales (ICAEW), Chartered Institute of Public Finance and Accountancy (CIPFA) and Association of International Accountants (AIA). You will gain automatic exemptions from some professional examinations on completion of the course.

Student Satisfaction

Our Accounting programme received a student satisfaction rate of 97 per cent in the 2017 National Student Survey (NSS), ranking joint 12th in the UK.

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

The majority of the Accounting modules have prizes which are sponsored by employers or professional bodies. Students can join the Trading and Investment Club, a student-run organisation which aims to educate its members on trading and investing through guest speakers, competitions and educational seminars.

Prizes and Awards

Top performing students are regularly awarded prizes and scholarships from leading financial companies such as PwC, KPMG, Baker Tilly, Moore-Moore, BDO, ASM and EY.

BSc Honours

Accounting 3 yrs (N400)
Accounting with French 4 yrs (N494)
Accounting with Spanish 3 yrs (N444)

BSc Joint Honours

Economics and Accounting (see page 160)

See also Economics and Finance

Entrance Requirements

Accounting A-level:

AAB + GCSE Mathematics grade B

Accounting with a Modern Language A-level:

AAB + GCSE Mathematics grade B

For French option: normally A-level French grade B or A-levelFrench grade B or GCSE French grade B or evidence of linguistic ability in another language.

For Spanish option: normally A-level Spanish grade B or A-level Spanis grade B or GCSE Spanish grade B or evidence of linguistic ability in another language.

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

Economics and Accounting – see Economics and Accountancy entry

For students whose first language is not English

A WIFLTS score of 5.5 with a minimum of 5.5 in each text component or an equivalent acceptable qualification, details of which are available online at http://www.qub.ac.uk/EnglishLanguageReqs

CAREERS/FURTHER STUDY

Normally the majority of our students become qualified accountants, however many of the skills that students will acquire during their studies at Queen’s will be of great value in different career and life situations. Core transferable skills include the ability to learn independently, problem solve, understand financial information and work productively as part of a team.

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 which 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.

The Accounting course attracts the maximum exemptions available for any undergraduate programme from the examinations of the Association of Chartered Accountants in England and Wales (ICAEW), Chartered Institute of Public Finance and Accountancy (CIPFA) and Association of International Accountants (AIA).

Student feedback is available to you when you make your application to the course. Typically, students comment on our “top-class teaching and learning environment” and “great value in different career and life situations. Core transferable skills include the ability to learn independently, problem solve, understand financial information and work productively as part of a team.”

Typical career destinations of graduates include:

- Financial accountant
- Management accountant
- Management consultancy
- Analyst
- Auditor
- Adviser
- Forensic accountant
- Researcher
- Financial controller
- Partner
- Banker

Graduate employers include: PwC, EY, KPMG, Deloitte, Grant Thornton, BDO, Moore Stephens, Baker Tilly ,Moore-Moore, ASM, 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.

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.

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

David Grant, 3rd Year Accounting

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, 3rd Year Accounting

Entrance requirements

admissions@qub.ac.uk
+44 (0)28 9079 3838

Course information

Programme Director, BSc Accounting
Queen’s Management School
martin.kelly@qub.ac.uk
+44 (0)28 9079 4818
www.qub.ac.uk/management

In the UK for Accounting and Finance
(Times and Sunday Times Good University Guide 2018)

Queen’s University Belfast - Undergraduate Prospectus 2019

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Queen’s University Belfast – Undergraduate Prospectus 2019

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ACTUARIAL SCIENCE

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 or as a professional in the financial industry.

In addition, students may gain up to eight exemptions from the professional exams required to qualify as an actuary via our accreditation with the Institute 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
- Finance
- Probability and Statistics
- Financial Markets
- Economics
- Principles of Economics
- Introduction to Statistics and Operational Research
- Principles of Financial Risk Management
- Year 1 Placement Preparation

**Year 2**
- Actuarial Mathematics 2
- Actuarial Methods in General Insurance
- Financial Markets 2
- Financial Risk Modelling
- Actuarial Analysis
- Principles of Actuarial Modelling
- Year 2 Placement Preparation

**Year 3**
- Year 3 Placement Year

**Year 4**
- Actuarial Modelling
- Capital Markets
- Financial Econometrics
- Financial Engineering
- Actuarial Applications
- Stochastic Processes for Finance
- Placement Year

Students undertake a minimum of nine months in a salaried work placement. Placement allows students to develop highly-valued practical skills. Recent placement providers have included Aon, Irish Life, Kerr Henderson, Spence & Partners, SCOR, The Pension Protection Fund and Pramerica.

WHY QUEEN'S?

**City Scholarships**

The Placement Office also helps in the recruitment of first-year students for the popular CityScholarship Programme - a summer internship with a company in New York, Dublin, London, Phoenix, Edinburgh or Liverpool. Students can also apply to take part in the Business and Finance Study Tour, which allows participants to meet senior employees from leading financial institutions.

**Student Societies**

Students may wish to join the Queen’s University Trading and Investment Club, a student-run organisation which aims to educate its members on trading and investing through guest speakers, competitions and educational seminars. The Student Managed Fund, currently securing real money, gives 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 FinBU Trading Room.

**Placement Year**

Following modules are studied:

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

**Placement Year**

**Entrance Requirements**

A-level:
- AAA including Mathematics
- OR
- A* 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

**Accreditation**

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

**Pries 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 Inwexco, The Company of Actuaries Charitable Trust Fund, SCOR Global Life, Mercer, Pramerica, Spence & Partners, Acumen Resources, Xfinity Consulting, 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 major actuarial employers in Northern Ireland and Ireland and a selection of employers from mainland Great Britain. We host annual 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 SQIA (Society of Northern Irish Acta<ons) by staff in Queen’s Management School has facilitated a continuous and seamless engagement between academic, 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 Aon, 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 subjects CT1 - CT8 of the professional exams, 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

Graduate employers include: Kerr Henderson; Spence & Partners; NFU Mutual; Inwexco; Beal & Co; Towers Watson; Allianz; Aon; Mercer, AMI Assurance; Deloitte; Capita; Liberty Mutual Insurance; PwC, Pramerica; Maxis, Xfinity.

**Further Study**

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

“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 Khooon Loh, Malaysia
BSc Actuarial Science and Risk Management (2015)

**Entrance requirements**

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

**Course information**

Dr Mark Farrell, Programme Director
Queen’s Management School
e: mark.farrell@qub.ac.uk
t: +44 (0)28 9097 4819

**Further information**

Go to go.qub.ac.uk/FinanceAndMathematicsForFinance

“Insight” visits in Belfast, Glasgow, Edinburgh and London.

Samuel Stewart, Northern Ireland
3rd Year, BSc Actuarial Science and Risk Management

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.
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. Graduate aerospace engineers work in a diverse range of fields from commercial aircraft and helicopter development to spacecraft systems and Unmanned Aerial Vehicles.

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

 COURSE CONTENT

The Aerospace Engineering degrees at Queen’s University Belfast are designed to develop graduates with the right balance of mathematical, scientific and applied problem-solving skills to be future engineering leaders.

Major study themes are:

- Aircraft Design
- Flight Mechanics and Avionics
- Aerodynamics, Fluid Mechanics and Propulsion
- Aerospace Systems
- Materials and Structures
- Manufacturing and Design
- Professional Studies

In order to understand the role of the engineer in society, technical modules are accompanied by professional studies such as accounting, economics, law and management.

WHY QUEEN’S?

Accreditation/Registration: our BEng/ MEng degrees are accredited by the Royal Aeronautical Society.

Facilities: the School has a wide range of experimental facilities to support aeronautics, 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 study abroad through the IAEESTE, Erasmus and Study USA exchange programmes.

MEng Honours
Aerospace Engineering 4 yrs (H402)
Aerospace Engineering with a Year in Industry 5 yrs (H403)

See also Mechanical Engineering and Product Design Engineering.

Entrance Requirements

BEng A-level:
- AAB including Mathematics and at least one from Physics (preferred), Biology, Chemistry. Further Mathematics, Technology and Design (or Double Award Applied Science)

BTEC Extended Diploma:
- A relevant BTEC Extended Diploma with 160 credits at Distinction and 20 credits at Merit.

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.

A-level:
- AAB including Mathematics and at least one from Physics (preferred), Biology, Chemistry and Further Mathematics.

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 is required. For further information, see: go.qub.ac.uk/EnglishLanguageReqs.

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

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 but are retained on offer making stage and when results are received.

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.

The versatility of Aerospace Engineering graduates makes them well suited for a wide range of careers, both within engineering and in the wider graduate sector, and many of our students continue into PhD study.

Employability Development workshops.

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.

Leadership Programme
Students are offered an optional Engineering Leadership Programme and a range of Employability Development workshops.

BEng Honours
Aerospace Engineering 3 yrs (H400)
Aerospace Engineering with a Year in Industry 4 yrs (H404)
MEng Honours
Aerospace Engineering 4 yrs (H402)
Aerospace Engineering with a Year in Industry 5 yrs (H403)

See also Mechanical Engineering and Product Design Engineering.

MEng Honours
Aerospace Engineering 4 yrs (H402)
Aerospace Engineering with a Year in Industry 5 yrs (H403)

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

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 but are retained on 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 is required. For further information, see: go.qub.ac.uk/EnglishLanguageReqs.

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

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 but are retained on offer making stage and when results are received.

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 Applied Science)

BTEC Extended Diploma:
- A relevant BTEC Extended Diploma with 160 credits at Distinction and 20 credits at Merit.

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.

A-level:
- AAB including Mathematics and at least one from Physics (preferred), Biology, Chemistry and Further Mathematics.

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 is required. For further information, see: go.qub.ac.uk/EnglishLanguageReqs.

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

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 but are retained on offer making stage and when results are received.
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.

The Agricultural Technology degree programmes enable graduates to gain an understanding of:

- Crop and animal production systems for the sustainability of the agricultural industry, including the underpinning scientific, economic and business principles and the applicability of recent developments
- The impact of global, EU and regional policy on the agricultural industry
- Assessing agri-environment interactions and devise environmental management strategies
- Managing agriculture as a business
- A professional approach to the work environment, study and lifelong learning
- Devising, managing and evaluating project work

### COURSE CONTENT

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 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 delivered at Queen’s University Belfast.

The modules are:

- **Stage 1**
  - Applied Animal Science
  - Applied Crop Science
  - Enterprise Technology

- **Stage 2**
  - Introduction to Business and Research Methods
  - Mechanisation and Farm Buildings
  - 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

### WHY QUEEN’S?

- **Employability**
  - This degree is the first of its kind in Ireland and 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 Agri-Food and Biosciences Institute, Countryside Services, Dale Farm, Fane Valley, John Thompson and Sons, Manuphan Mushrooms, Moy Park, and Whirlpool Ltd and Tamar Farming Co. (both in Bawnboy, Co. Fermanagh).

- **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-environmental 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 overseen by an industry group representing LANTARA, AFBI, DUARD (now DAERA) and the UFI. 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 Dunbar, 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 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.

### BSc Honours

**Agricultural Technology 3 yrs (D473)**

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

### Entrance requirements

- **A-level**
  - 3BB including at least two relevant subjects (see list below) + GCSE Mathematics grade C or higher.
  - ABB including a relevant subject (see list below) + GCSE Mathematics grade C or higher.
  - **Note:** applicants not offering science Biology or Chemistry at A-level should have GCSE Chemistry grade A or C, GCSE Double Award Science grades CC.

- **Relevant Subjects:**
  - Other subjects considered on an individual basis.

- **BTEC Extended Diploma:**
  - A relevant Agriculture/Science BTEC Extended Diploma with 330 credits at Distinction and 80 credits at Merit + GCSE Chemistry grade C or GCSE Double Award Science grade CC + GCSE Mathematics grade C.

- **For students whose first language is not English:**
  - GCSE English at C or higher, and a minimum of 5.5 in each tested component or an equivalent acceptable qualification, details of which are available at: www.qub.ac.uk/studentrequests

### Technology

- **Applied Animal Science**
- **Applied Crop Science**
- **Enterprise Technology**

- **Global Issues in Agriculture**
- **Farm Animal Health and Welfare**
- **Policies for Environmental Sustainability**
- **Project Work**

- **Employability**
- **Careers/Further Study**
- **Placement Employers**
- **Further Study**

- **Agricultural Technology 3 yrs (D473)**
- **Agricultural Technology with Professional Studies 4 yrs SW (D470)**

### Entrance requirements

- **A-level**
  - 3BB including at least two relevant subjects (see list below) + GCSE Mathematics grade C or higher.
  - ABB including a relevant subject (see list below) + GCSE Mathematics grade C or higher.
  - **Note:** applicants not offering science Biology or Chemistry at A-level should have GCSE Chemistry grade A or C, GCSE Double Award Science grades CC.

- **Relevant Subjects:**
  - Other subjects considered on an individual basis.

- **BTEC Extended Diploma:**
  - A relevant Agriculture/Science BTEC Extended Diploma with 330 credits at Distinction and 80 credits at Merit + GCSE Chemistry grade C or GCSE Double Award Science grade CC + GCSE Mathematics grade C.

- **For students whose first language is not English:**
  - GCSE English at C or higher, and a minimum of 5.5 in each tested component or an equivalent acceptable qualification, details of which are available at: www.qub.ac.uk/studentrequests

- **Technology**
  - **Applied Animal Science**
  - **Applied Crop Science**
  - **Enterprise Technology**

- **Global Issues in Agriculture**
  - **Farm Animal Health and Welfare**
  - **Policies for Environmental Sustainability**
  - **Project Work**

- **Employability**
- **Careers/Further Study**
- **Placement Employers**
- **Further Study**
Anthropology is the study of the diversity of humankind around the world. The BA in Anthropology will allow you to examine some of the deepest and most pressing questions about human beings while providing you with skills increasingly in demand in a globalised world. Through both classroom modules and your own fieldwork, you will 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, engaging themes:
1. What Makes Us Human?
   Modules may include: Being Human; Evolution; Culture and Society; World on the Move; Human Animal Relations.
2. Conflict, Peacebuilding and Identity
   Modules may include: Us & Them; Why We Have Ingrous and Outgrous; Why Are Humans Violent? Understanding Violence, Conflict and Trauma.
3. Arts, Creativity and Music
   Modules may include: Being Creative; Music and the Arts; Sound Cultures: Music, Noise from Around the World.
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: Emotions, Culture, Practice.

WHY QUEEN’S?
Global Opportunities
As part of their dissertation study in years 2 and 3, 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.

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 Senator George J. Mitchell Institute for Global Peace, Security and Justice
- Institute of Cognition and Culture
- Institute of Irish Studies
- Two International Summer Schools (the Irish Studies Summer School; and the Conflict Transformation and Social Justice Summer School)
- The Performance Room, including a variety of musical instruments from around the world

Internationally Renowned Experts
Queen’s Anthropology is internationally renowned in Ethnomusicology and performance, Conflict and borders, Religion, Cognition and culture, Migration and diasporas, Irish studies, Material culture and art, Human-animal relations, and the Cross-cultural study of emotions.

Student Experience
Anthropology student satisfaction at Queen’s is 85 per cent (National Student Survey 2017), ranked joint 9th in the UK.

CAREERS/FURTHER STUDY
Career pathways typically lead to employment in:
1. Development, NGO work
2. International Policy, Public Sector
3. Journalism, Human Rights, Conflict Resolution, Community Work
4. Public and Private Sector related to Religous Negotiation, Peace-Building, Multiculturalism, Diversity
5. Teaching in schools
6. Academic Teaching and Research

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

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, a minimum IELTS score of 6.5 with a minimum of 6.0 in each component is required.
- For students whose first language is not English, an IELTS score of 6.5 with a minimum of 5.5 in each component or an equivalent is acceptable.

Further Study
Further study is also an option (eg 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 an 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.”

Samuel Ward, BA Anthropology
Anthropology and History

History is concerned with contested interpretations of the past and the nature of historical knowledge across diverse time periods and geographical regions. This encourages an engagement with the general methodological and theoretical approaches of historians from social, cultural, political, economic, and gender perspectives.

Anthropology is concerned with key debates regarding culture and society, examined by comparative methods and ethnography, which entails engagement and participation in the field. This promotes an understanding of diversity across a range of cross-cultural fields, including kinship, economy, ecology, religion, gender, art, music, and morality.

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. The modules are:

**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:

- The Age of Absolutism
- The French Revolution
- Nineteenth-Century Ireland
- The American South, 1619-1865
- Nineteenth-Century Ireland
- Europe Between the Wars
- Alexander the Great
- Thatcher’s Britain
- Presbyterians in Ulster, 1690-1840
- Women and War
- The Irish Revolution
- Thatcher’s Britain

In addition, Joint Honours students at Level 2 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; Human Animal Relations.

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.

3. Arts, Creativity and Music

   Modules may include: Being Creative: Music, Media and the Arts; Sound Cultures: Music and Noise from around the World.

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, including on orphanges 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.

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

WHY QUEEN’S?

**Global Opportunities**

As part of undergraduate training, students carry out an eight-week spell of ethnographic fieldwork in places across the world.

Study Abroad: 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.

Top Ranking

History at Queen’s is ranked in the top 150 in the world (QS World Rankings by Subject 2017) and Anthropology is ranked 3rd in the UK (Guardian University Guide 2018).

Further Study

Further study is also an option; information on Master’s programmes (e.g. MA History, MA Anthropology) and research topics is available from the School website.

BA Joint Honours

Anthropology and History 3 yr (V21A)

See also History, History and International Studies, 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

BA Anthropology

Genevieve Bigger,
BA Anthropology

Library

Further details on the BA Anthropology programme are available from the School website. Further study is also an option; information on Master’s programmes (e.g. MA History, MA Anthropology) and research topics is available from the School website.

Qualification

BA (Hons) Anthropology

Examination

A pass in at least half of the degree subjects is required for graduation.

Further study is also an option; information on Master’s programmes (e.g. MA History, MA Anthropology) and research topics is available from the School website.
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 climate change.

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 Level 1 modules. Students on Joint Honours degree programmes normally take three Archaeology/ Palaeoecology modules, in addition to three modules in their second subject. Note: some modules may be subject to change.

Level 1

Level 1 covers both disciplines, and the modules are introductory courses which assume no previous knowledge. They may also interest students who are taking another subject as their main degree, but who wish to enhance their knowledge of human and environmental past and heritage.

Level 1 Modules

• Ancient Humans and Landscapes
• Archaeological Excavation
• From Romans to Normans: The Archaeology of Historic Europe
• Environmental Change: Past, Present and Future
• Europe in Prehistory: Introduction to World Archaeology
• Plus choices from Geography and other disciplines.

Levels 2 and 3

Students explore in detail the themes introduced in Level 1 and Level 2 and 3 modules allow for specialisation and the development of practical skills. Level 2 modules pro from their second subject.

Level 2 Modules

• From St. Patrick to the Plantation: The Archaeology of Historic Ireland
• Ireland in Prehistory
• Landscapes and Geographical Information Systems (GIS)
• Palaeoenvironmental Techniques
• Islands in Archaeology
• Thinking Through Things: Theorising Global Archaeology
• Archaeology in Practice
• Plus choices from Geography and other disciplines.

Level 3 Modules

• Early Medieval Europe: Archaeologies of Kingship, Religion and Society
• Monuments and Ritual in European Prehistory
• Palaeolithic Pioneers: Adaptation and Colonisation in Global Perspective

BA Single Honours

Archaeology 3 yrs (V402)
Archaeology with French 4 yrs (V409)
Archaeology with Portuguese 4 yrs (V408)
Archaeology with Spanish 4 yrs (V404)

BA Joint Honours

Archaeology and History 3 yrs (V441)
Archaeology and Irish 3 yrs (V445)

BSc Single Honours

Archaeology: Palaeoecology 3 yrs (V403)

BSc Joint Honours

Archaeology and History and Geography 3 yrs (V408)

MsCI Honours

Archaeology 4 yrs (V403)

Entrance Requirements

BA Honours

A-level:
ABB including Irish for Joint Honours

BSc Honours

A-level:
BBB including GCSE Mathematics grade C

BSc Joint Honours

A-level: 
BBB normally including A-level Geography and/or GCSE Mathematics grade C

MsCI Honours

A-level: 
AAB + GCSE Mathematics grade C

Note: MsCI applicants will automatically be offered unconditional admission to the BSc if they are not eligible for entry to the MsCI, both at initial offer-making stage.

“Studying archaeology as an undergraduate degree at Queen’s was a truly life changing experience. The course provided me with a skill set essential to pursuing a career in archaeology, whether in the commercial or academic sector. The ‘hands on’ approach to learning within the department, combined with the enthusiasm and experience of the academic staff, has allowed me to develop and broaden my interests.”

Conor McAdams
BSc Archaeology-Palaeoecology Graduate
2014
Currently undertaking PhD research in the University of Wollongong, New South Wales, Australia

The Archaeology programme at Queen’s is ranked in the top 100 in the world.

(QS World Rankings by Subject 2017)

• Society, Death and Disease
• The Archaeology of Human Evolution
• Valleys: Environmental and Societal Impacts
• Dissertation (double module)
• Plus choices from Geography and other disciplines.

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.

CAREERS/FURTHER STUDY

Studying Archaeology and Palaeoecology at Queen’s assists students in developing the core skills and employment related experiences that are valued by employers, professional organisations and academic institutions. Many of our graduates pursue careers in field archaeology and heritage with private, charitable or government agencies and significant numbers develop careers in a wide range of other areas. Major career sectors that have attracted our graduates in recent years are heritage, teaching, management, marketing, the Civil Service, publishing, professional archaeology, surveying (especially civil engineering) and various graduate programmes.

We have links with many employers including the Historic Environment Division (HED) of the Department for Communities, the National Trust, and the Ulster Wildlife Trust, with whom past students have also gained work placements.

We benefit greatly from housing the Centre for Archaeological Fieldwork in the School. This self-funded, commercial unit obtains work from, for example, the HED, landscape partnerships and civil engineering companies, which exposes students to employers and provides them with information on what the market requires from Archaeology - information that is fed into our modules, especially those on field techniques.

Further Study

Further study is also an option – graduates can enrol on a Master’s programme as well as a comprehensive list of research topics. Please see the School website for further information.

100% of Queen’s Archaeology students are satisfied with their course

(National Student Survey 2017)
ARCHITECTURE

Queen’s University, as part of the Russell Group, is one of the best places to study Architecture in the UK. Queen’s is ranked 7th in the UK for Architecture (Guardian University Guide 2018).

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

Supported by a diverse group of staff and external tutors engaged in international, award-winning research and practice, over 75 per cent of our students regularly graduate with a First Class or 2:1 degree. All students, many of whom come from outside of Northern Ireland, receive a high degree of personal tuition in a strong studio culture in which every student has dedicated personal studio space.

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 1–3. 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 students need to develop an understanding of technology and their place in the profession. It covers the history and theory of architecture, technical and professional practice-based modules, and allows students to begin to develop their design skills through drawing and making. The course is designed to provide experience of working with both physical and computer-based processes.

Stage 2

Stage 2 operates independently, drawing on the work of previous students and personal interests. Students have the opportunity to think critically about the world and the design of places in which we live, work and play. The course offers opportunities for international study through the Erasmus programme and study tours.

Stage 3

Stage 3 focuses on our belief that students need to develop an understanding of technology and their place in the profession. It covers the history and theory of architecture, technical and professional practice-based modules, and allows students to begin to develop their design skills through drawing and making. The course is designed to provide experience of working with both physical and computer-based processes.

WHY QUEEN’S?

Accreditation

This degree has had continuous Part I accreditation by RIBA and the Architects Registration Board for many decades. The course offers opportunities for international study through the Erasmus programme and study tours.

Excellent Facilities

Students have access to a well-equipped workshop and dedicated studio space to support their studies. Every student has a permanent desk throughout their undergraduate studies.

BSc Honours

Architecture 3 yrs (K100)

Entrance Requirements

A-level

AAB + GCSE Mathematics grade C.

Applicants with a grade C in GCSE Art or in the Arts 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 hand-eye co-ordination and a genuine motivation and interest in architecture are 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 employer 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 language qualification. Details of which are available at: go.qub.ac.uk/EnglishLanguageReqs

Entrance requirements

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

Course information

Dr Gul Kacmaz Erik
School of Natural and Built Environment
e: g.kacmaz@qub.ac.uk
t: +44 (0)28 9097 4006

"I chose to come to Queen’s for Architecture because of the high ranking of the course in national league tables, the friendliness of the studio environment and because all students have desk space throughout their three years of study. I also appreciate that travelling to Belfast is easy."

Gabrielle Wood, Loughborough, England
2nd Year, BSc Architecture

Queen’s University Belfast – Undergraduate Prospectus 2019

Queen’s University Belfast – Undergraduate Prospectus 2019
AUDIO ENGINEERING

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

COURSE CONTENT

Level 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.

Level 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.

Level 3 introduces students to the principles of auditory perception and the architecture of digital audio. Students can also gain technical skills and mathematical grounding in sound recording principles and practical experience of audio mixing.

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-Rock-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 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 Level 3 Work Placement module is an excellent opportunity for students to gain real-world industry experience. Some of the organisations our students have completed placements with include RTS, R Communications, RTÉ, Production House, Start Together Studios, Redbox Recording, Smalltown America Studios, Blast Furnace Studios and Sonic Visuals.

Global Opportunities

Students may opt to spend a semester studying abroad. The School has links with a number of international institutions including Escola Superior de Música e Artes do Espaço do Porto, Instituto Politecnico do Porto, National and Kapodistrian University of Athens, Technological Educational Institute of Crete and University of Groningen.

CAREERS/FURTHER STUDY

Companies currently employing our graduates include Google, BBC, UTV, Apple, BT, Rapid 7, Sensum, Mogees 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.

James Mackenzie, BSc Graduate

“The course had the right balance between the technical and creative aspects of music technology. During the course of my studies I discovered interests I didn’t realise I had in acoustics and computer programming. The staff are clearly passionate about their subject areas, which really motivates and inspires. This also created a friendly environment to study and learn in.”

Entrance requirements

Go to: go.qub.ac.uk/EnglishLanguageReqs for details of the acceptable qualification, details of which are available at: go.qub.ac.uk/go/unit

Contact

School of Arts, English and Languages

Subject Lead (Music)

Dr Simon Mawhinney, BSc

t: +44 (0)28 9097 5324
e: s.mawhinney@qub.ac.uk
w: qub.ac.uk/ael

Languages

See also Music and Audio Production, Music and Dance Design, Broadcast Production, Electronic and Computer Engineering.
**BIOCHEMISTRY**

Biochemistry is the molecular basis of life. It applies chemical principles to some of the most exciting problems in the life sciences industry, explaining 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.

**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’s programme help prepare our students for a career in biochemical research.

The modules are:

**Stage 1**

- Fundamentals of Chemistry
- Structure, Reactivity and Mechanisms 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

Throughout stages 1 and 2 practical classes in Biochemistry reinforce and complement the theory, providing students with a solid foundation on which to build upon for stage 3.

**Work Placement**

Biochemistry students can complete an optional 16-week 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)
- *MSci Students take the four modules above and research skills, plus one optional module.

**Stage 4** (MSci students only)

- Research Project
- *Students carry out a full-time research project under the supervision of academic staff based in one of the School’s biochemistry research laboratories. There are no taught modules or examinations in this year, thereby allowing students to concentrate fully on their research projects.

**WHY QUEEN’S?**

**Degree Recognition**

The Biochemistry degrees at Queen’s conform to the Biochemical Society’s core curriculum in biochemistry.

**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, Randus, 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.

**MSc Honours**

- Biochemistry (3 yrs) (C700)
- Biochemistry with Professional Studies (4 yrs) (C704)
- MSci Honours

**Course Information**

Ryan Steele, BSc Biochemistry with Professional Studies, 2017

“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.”

**Entrance Requirements**

**BSc**

- A-levels: GCSE Chemistry and Biology + GCSE Mathematics grade C.
- OR
  - AAB including Chemistry and at least one from Mathematics or Physics + GCSE Double Award Science grades CC + GCSE Mathematics grade C.

**MSci**

- A-levels: GCSE Chemistry and Biology + GCSE Mathematics grade C.
- OR
  - AAA including Chemistry and at least one from Mathematics or Physics + GCSE Double Award Science grades CC + GCSE Mathematics grade C.

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

**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: [qub.ac.uk/international/apply/entry-requirements](https://www.qub.ac.uk/international/apply/entry-requirements)

**CAREERS/FURTHER STUDY**

Studying Biochemistry at Queen’s develops the core skills and employment-related experiences that are valued by employers in the industry.

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.

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. Both BSc and MSci Biochemistry graduates are well-placed to obtain places on PhD programmes in biomedical research, biotechnology, drug discovery and api-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.

**Further study information**

“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.”

**Entrance requirements**

- [admissions.qub.ac.uk](https://www.admissions.qub.ac.uk)
  - t: +44 (0)28 9097 3838

**Course information**

- [BSc Biochemistry](https://www.qub.ac.uk/biosciences/ug/biochemistry/biochemistry)
  - [Dundonald Life Sciences Co-ordinator](https://www.qub.ac.uk/biosciences/ug/biochemistry)
  - t: +44 (028) 9097 9714
  - e: biosciences-ug@qub.ac.uk

**For further information**

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

**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 can choose to complete an optional work placement to develop the core skills and employment-related experiences valued by employers.

The modules are:

**Stage 1**
- The World of Microorganism
- Molecular Basis of Life
- Biodiversity

**Stage 2**
- Cell Biology 2
- Plant Biology and Rhizophora Interactions
- Invertebrate Biology

Optional Modules:
- Applied Genetics
- Molecular Genetics and Bioinformatics
- Coastal and Oceanic Biology
- Experimental Biochemistry
- Applied Ecology
- Animal Biology and Physiology
- Microorganisms in Action
- Work Placement

*Throughout stages 1 and 2 practical classes in Biological Sciences reinforce and complement the theory, providing students with a solid foundation on which to build upon for stage 3.

**Work Placement**

- Biological Sciences students can complete a 12-week, degree-related work placement.
- Biological Sciences with Professional Studies students will complete a one-year, degree-related work placement.

**Stage 3 Core Modules**
- Research Project

**Optional Modules**
- Industrial Microbiology
- Immunology and Pathogenesis of Infectious Diseases
- Zoosomics
- Animal Behaviour
- Global Change Biology
- Parasitology
- 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.

**Stage 4 (MSci students only)**
- Research Project

*Students carry out a full-time research project under the supervision of an academic staff member in the School. There are no taught modules or examinations in this year, thereby allowing students to concentrate fully on their research projects.

**Entrance Requirements**

**BSc**

- A-level: 200 including Biology and at least one from Chemistry (preferred), Geography, Mathematics or Physics. GCSE Chemistry grade C or GCSE Double Award Science grade C. GCSE Mathematics grade C.
- A-level: 200 including Double Award Applied Science or Double Award Life and Health Sciences + GCSE Biology and Chemistry grade C or GCSE Double Award Science grade C + GCSE Mathematics grade C.
- A-level: 200 including Biology + GCSE Chemistry grade C or GCSE Double Award Science grade C + GCSE Mathematics grade C.

**MSci**

- A-level: 200 including Biology and at least one from Chemistry (preferred), Geography, Mathematics or Physics. GCSE Chemistry grade C or GCSE Double Award Science grade C + GCSE Mathematics grade C.
- A-level: 200 including Double Award Applied Science or Double Award Life and Health Sciences + GCSE Biology and Chemistry grade C or GCSE Double Award Science grade C + GCSE Mathematics grade C.
- A-level: 200 including Biology + GCSE Chemistry grade C or GCSE Double Award Science grade C + GCSE Mathematics grade C.

**Note:** It would be an advantage to have studied Chemistry beyond GCSE level.

**Why Queen’s?**

Degree Recognition

The Society for Biology provides career advice and support for undergraduate Biological Sciences students, and professional recognition for graduate biologists through externally recognised awards commissioned by the Society for Science.

Work Placement

Embedded work placements on these degree 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.

In previous years, students have gained placements with organisations such as Almac Pharma Services, Norbrook Laboratories, National 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 INSETE, 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 students 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, coastal and 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.

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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 FD 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.

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 practice.

Stage 2
- 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 FdSc are eligible for Registration as a 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.

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 Year 1 will be eligible to progress to degree programmes in the School of Biological Sciences at Queen's.

ENTRANCE REQUIREMENTS

Level:
CC including Biology or Double Award Applied Science or Double Award Life and Health Sciences + GCSE Biology and Chemistry-grade C
+ GCSE Double Award Science grades CC + GCSE Mathematics-grade C

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 or better in English Language, Mathematics, Biology and Chemistry. GCSE Double Award Science grades CC would be acceptable in lieu of GCSE Biology and Chemistry.

Access Course:

Access Courses containing a significant Biology content with an overall average of 65%. A maximum grade may be stipulated in the Biology modules. Students should have GCSE Mathematics and Chemistry at grade C or equivalent in the Access Course. GCSE Double Award Science grades CC 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 to demonstrate appropriate skills and knowledge to undertake the programme. Evidence is required for each candidate 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.

ENTRANCE REQUIREMENTS

Level:
CC including Biology or Double Award Applied Science or Double Award Life and Health Sciences + GCSE Biology and Chemistry-grade C
+ GCSE Double Award Science grades CC + GCSE Mathematics-grade C

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Applicants must provide evidence of their ability to demonstrate appropriate skills and knowledge to undertake the programme. Evidence is required for each candidate 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.

FUNDAMENTAL SCIENCES

Students considering a degree in the Biological Sciences should have GCSE passes at grade C or better in English Language, Mathematics, Biology and Chemistry. A minimum grade CC including Biology or Double Award Applied Science or Double Award Life and Health Sciences is desirable.

Students who have studied Biology at GCSE may be required to attend for interview.

Successful students will be eligible to apply for Year 2 (Stage 2) of the BSc (Honors) in Biological Sciences provided they meet certain academic criteria. Students who have successfully completed the Foundation Degree may also have the opportunity to study different (FdSc) degrees.

Note: CCEA Level 2 Essential Skills in Communication is acceptable in lieu of a grade C at GCSE in 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:\n
Note: CCEA Level 2 Essential Skills in Communication is acceptable in lieu of a grade C at GCSE in English Language.

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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 QUEENS?**

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 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.

**Entrance Requirements**

**A-level:**

- AB in any order in Biology/Human Biology and Chemistry + GCSE Mathematics grade C
- OR
- A (Biology/Human Biology or Chemistry) AB including a second science subject + GCSE Double Award Science grades CC + GCSE Mathematics grade C

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](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
- 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, completing Master’s and PhDs and a significant proportion of graduates gain entry to Medical or Dental degrees both at Queen’s University Belfast and abroad.

"The knowledge and practical lab skills that I have developed over the past three years have allowed me to start my career as a biomedical scientist in a NHS haematology laboratory. This would not have happened without the high standard of teaching from leading researchers in a variety of different fields and the continued support from Queen’s."

Ceara Burke, BSc (Hons) Biomedical Science Graduate, 2016

**Entrance requirements**

- [admissions@qub.ac.uk](mailto:admissions@qub.ac.uk)
- +44 (0)28 9097 3838

**Course information**

Dr Stephen McCullough
Programme Director
School of Medicine, Dentistry and Biomedical Sciences

- [biomedsci@qub.ac.uk](mailto:biomedsci@qub.ac.uk)
- +44 (0)28 9097 2677
- [w: qub.ac.uk/mdbs](http://qub.ac.uk/mdbs)
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:**
- Broadcasting analysis
- Broadcast production skills
- Sound recording principles
- Broadcast analysis
- Broadcast production skills
- Editing for film and TV

**Year 2**

**Three optional modules from:**
- Broadcast Journalism
- The Radio Programme
- Sound design for Screen
- Interactive and Immersive Media
- Broadcast Popular Genres
- Radio Production
- Screen Industries in Europe
- Creative Writing for Radio
- Aural Design

**Compulsory modules:**
- Broadcast Media Project (Practical)
- Editing for Film and TV
- Broadcast Analysis II
- Sound Recording Principles

**Optional modules:**
- Work Placement
- Professional practice (Practical)
- Gender and broadcasting
- Language in the media
- Broadcasting in post-conflict society
- Dissertation (theory)
- Broadcasting and Identity

* Indicates compulsory modules

### 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 in this area. Queen’s has recently signed a collaborative agreement with BBC Northern Ireland, to promote opportunities for placements and masterclasses to students on this pathway. An internationally known visiting Broadcast Industry Fellow will be resident twice each academic year to deliver a series of workshops and masterclasses to students on this pathway.

**World-Class Facilities**

Access to a television 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 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 substantial lighting and sound kits for location work.

**WHY NOW?**

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BUSINESS ECONOMICS

The BSc Business Economics degree blends elements from both the Economics and Business Management degrees. 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 both Introduction to Business Economics and Applied Economics in the first year, 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:

• Introduction to Business Economics
• Applied Economics
• Quantitative Methods
• Accounting
• Organisational Behaviour

Students will be able to choose an additional module from one of the following two options.

• Financial Institutions and Markets
• Marketing

Year 2

• Macroeconomic Policy and Performance
• Managerial Economics
• Data Analysis and Optimisation

Students will be able to choose three additional modules from a range which may include:

• Financial Decision Making
• Financial Market Theory
• Human Resource Management
• International Business
• Operations Management
• The Digital Business

Year 3

Students should take at least three electives from:

Economics modules:
• Labour Economics
• Economic History
• Economics of Corporate Strategy
• Public Economics
• International Trade

And up to three electives from Management modules:
• Business Start-Up
• Business Ethics
• Supply Chain Management
• Public Sector Management
• Innovation Management

WHY QUEEN’S?

Student Satisfaction

Economics student satisfaction is 84 per cent, ranked joint 15th in the UK (National Student Survey 2017).

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. (National Student Survey 2017).

Student Experience

Students can join the Business 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.

Pricing 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
• Morgan Metal Prize 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.

“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 three out of six 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

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 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 economics, 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

84% of Queen’s Economics students are satisfied with their course, ranking us 15th in the UK. (National Student Survey 2017)

Entrance requirements

A-level:
ABB + GCSE Mathematics grade B

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

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BUSINESS INFORMATION TECHNOLOGY

Much of today’s business now operates in a dynamic, fast-paced and technologically advanced environment. It is hard to imagine a world where business processes and financial transactions are not managed by technology. Companies require individuals who can bridge the gap between business management and technology.

This degree aims to give students a sound knowledge of information technology fundamentals, and their application in business, and a firm foundation in management to address a growing need for globally ready leaders in business technology.

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 Northern Ireland than in any other part of the UK, outside of London. This benefits our students on many levels – from industrial input to the content of our degree, through to year-long and summer placements, as well as activities such as competitions organised by the companies.

**COURSE CONTENT**

A key feature of this degree is the emphasis on the application of advanced information technology in business environment, and students study both the enabling technology for e-commerce and how that technology may be exploited for business advantage. A further key feature is the active development of students’ innovation and entrepreneurial skills.

The degree is organised around the following themes:

- **Business Practice, Software Development**
- **Technology (including multimedia)**
- **Entrepreneurship within an IT Environment**
- **Computer Architecture (including computer networks)**
- **Management within an IT Environment**
- **Management IT (including e-commerce)**
- **Management Principles and Information Technology (including multimedia)**

**Professional Experience**

A range of 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 put into practice the principles learned to date and to gain practical experience of the business world.

Students then take their final year modules, including a major individual innovation and entrepreneurship project, which pulls together many of the separate themes of the degree.

This four-year degree (three years plus a placement year) will involve development of the technical skills necessary to design and construct advanced IT systems for business applications.

It is expected that graduates will be able to:

- **Manage in a contemporary, technology-driven business environment**
- **Exploit advanced IT to build and develop globally competitive businesses**
- **Develop and implement IT-enabled business systems for effective business operation**
- **Manage the introduction and use of IT in business, including taking into account human factors**
- **Keep abreast of emerging technologies and their potential for business innovation**
- **Design and execute business processes and implement new business initiatives**

**WHY QUEEN’S?**

Many of today’s businesses are dependent on software systems to manage their operations. Companies require individuals who can bridge the gap between business management and technology.

The School has links with over 500 local, national and international organisations, and examples of companies where our students have spent their placements include Microsoft, Fujitsu, Bank of Ireland, Bank of Scotland, PricewaterhouseCoopers, PA Consulting Group and Belfast City Council.

**Careers/Further Study**

There is a growing demand for skilled managers in the contemporary, technology-driven environment. They are 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 our graduates are equipped with the skills they need. Current industry analysis indicates that there is a shortage of IT graduates and this trend is forecast to continue.

On graduating with this Honours degree a year with a year’s experience, graduates can choose from a host of rewarding and challenging careers in industry, commerce, education and research. Many take up posts associated with management and finance, while others enter development roles.

**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**

For students whose first language is not English

- **IELTS** score of 6.5 with a minimum of 5.5 in each test component or an equivalent acceptable qualification, details of which are acceptable qualification, details of which are available at [www.qub.ac.uk/student-services](http://www.qub.ac.uk/student-services).

**BSc Honours**

**Business Information Technology with a Year in Industry** (4 yr SW (G967))

**Entrance Requirements**

- A-level: ABB + GCSE Mathematics grade C
- BTEC Extended Diploma: Any BTEC Extended Diploma with 120 credits at Distinction and 60 credits at Merit + GCSE Mathematics grade C
- 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 [www.qub.ac.uk/student-services](http://www.qub.ac.uk/student-services).**

**Entrance requirements**

- [www.admissions@qub.ac.uk](mailto:www.admissions@qub.ac.uk)
- [t: +44 (0)28 9097 3838](mailto:t: +44 (0)28 9097 3838)

**Course Information**

- [www.eeecs.qub.ac.uk](http://www.eeecs.qub.ac.uk)
- [e: eeecs@qub.ac.uk](mailto:e: eeecs@qub.ac.uk)
- [t: +44 (0)28 9097 1994](mailto:t: +44 (0)28 9097 1994)
- [w: qub.ac.uk/eeecs](http://qub.ac.uk/eeecs)

Emma Bleakley, Northern Ireland

Final Year, BSc Business Information Technology

“...This degree covers a broad spectrum of topics in the areas of Business and IT. My choice for BIT came about as I was interested in both subjects and in doing this degree I could find a middle ground. There was also the added benefit of having a placement year, which a future employer will look well upon, and the fact that you are slowly introduced to the fundamentals of programming at the beginning of the course means you are not under pressure."

Emma Bleakley, Northern Ireland

Final Year, BSc Business Information Technology
BSc Honours Business Management 3 yrs (N201)
Business Management with Placement 4-yr SW
See also International Business with a Language

Entrance Requirements
A-level:
ABB + GCSE Mathematics B
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: qub.ac.uk/getfinishedlanguage

WHY QUEEN’S?

Placement
The School is an active participant in international exchange programmes and has excellent relationships with local national and international organisations. The four-year degree includes a compulsory placement year between Stages 2 and 3.

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 Trading and Investment Club, 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.

Pricing 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.

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.

Career opportunities are extremely varied and the employment opportunities for our graduates remain strong. In recent years, they have secured positions in local, national and multinational organisations in the public, private and voluntary sectors in management areas such as business development, marketing, market research, human resources, operations, supply chain, training and development, analysts, accounting, finance, inward investment, and consultancy.

Typical career destinations of graduates include:
- Consultancy
- New venture creation
- Operations
- 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, Mars, Accenture, KPMG, Diageo, MSG, Tesco, Local Government including Councils, Health Trusts, College and Universities, Randox, Deloitte, BDO, Bombardier, Google, Microsoft, Unilever, Mars, Accenture, KPMG, Diageo, MSG, 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 (2014)
Chemical Engineering uses chemistry, mathematics, biology and physics to provide an integrated approach to understanding the changes which take place in processes, from molecular to global scale, and to create methods which can change chemical or physical composition, energy content, structure, or physical state, ie mathematics and science in action.

The subject also involves the application of knowledge to the design, development and operation of plants that process chemical and related products. It borders and overlaps on areas such as mechanical, electrical and civil engineering, chemistry, materials science and biology.

### COURSE CONTENT
All degrees are modular, with six modules (or the equivalent in half-modules) each year. Students take a range of modules in engineering, chemistry and science. To obtain professional accreditation, students must follow a defined pathway.

#### Stage 1
Students take several modules in Chemical Engineering modules as well as in Chemistry, Mathematics and Electrical Engineering.

#### Stage 2
Students extend their knowledge of Chemical Engineering and study associated subjects such as computer-aided design and applications, laboratory practice, and professional studies.

#### Stage 3
Comprises more advanced Chemical Engineering modules, various modules covering aspects of management and professional studies, an in-depth design project and an optional research project.

#### 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 Deift Technical University in Deift, the Netherlands.

### WHY QUEEN’S?
- The degrees are accredited by the Institution of Chemical Engineers.
- Awards
- Our degrees develop transferable skills such as numeracy, problem-solving, communication (written and oral) and information retrieval.
- Students have the opportunity to submit a portfolio for the City & Guilds Licentiateship award.

### Placements
- The School offers degrees in Chemistry as well as Chemical Engineering and study associated subjects such as computer-aided design and applications, laboratory practice, and professional studies.

### Flexibility
- The School offers degrees in Chemistry as well as Chemical Engineering, and students can switch between the two subject areas in the first year if their interests change and if they meet the criteria.

### Admission Requirements
- **BEng Honours**
  - Chemical Engineering 3 yrs (H800)
  - Chemical Engineering with a Year in Industry 4 yrs (H804)
  - MEng Honours
  - Chemical Engineering 4 yrs (H802)
  - Chemical Engineering with a Year in Industry 5 yrs (H805)

### Entrance Requirements
- **BEng**
  - A-level:
    - BBB including Mathematics and at least one from Chemistry (preferred), Biology, Computer Science, Digital Technology, Geography, ICT (first Applied), Physics, Software Systems Development, Technology and Design or Double Award Applied Science.
  - BTEC Extended Diploma:
    - A relevant BTEC Extended Diploma with 100 credits at Distinction and 40 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 in either GCSE Chemistry and Physics or GCSE Double Award Science grades ICC.

- **MEng**
  - A-level:
    - AAB including Mathematics at least one from Chemistry (preferred), Biology, Computer Science, Digital Technology, Geography, ICT (first Applied), Physics, Software Systems Development, Technology and Design or Double Award Applied Science.
  - BTEC Extended Diploma:
    - A relevant BTEC Extended Diploma with 160 credits at Distinction and 20 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 B in either GCSE Chemistry and Physics or GCSE Double Award Science grades BB.

### Further Study
Further study is also an option – graduates can choose one of our MSc 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.

### Contact Information
- **Entrance requirements**
  - admissions@qub.ac.uk
  - t: +44 (0)28 9097 3838
- **Course information**
  - School of Chemistry and Chemical Engineering
  - t: +44 (0)28 9097 5570
  - e: chemeng@qub.ac.uk
  - w: rhs.qub.ac.uk

### Awards
- Gothenburg, Sweden, and with Delft Technical University in the Netherlands.
- The Erasmus exchange programme and Study USA are available. We also have exchanges with Chalmers Technical University in Gothenburg, Sweden, and with Deift Technical University in Deift, the Netherlands.
- The degrees are accredited by the Institution of Chemical Engineers.
- Awards
- Our degrees develop transferable skills such as numeracy, problem-solving, communication (written and oral) and information retrieval.
- Students have the opportunity to submit a portfolio for the City & Guilds Licentiateship award.

### Placements
- The School offers degrees in Chemistry as well as Chemical Engineering and study associated subjects such as computer-aided design and applications, laboratory practice, and professional studies.

### Flexibility
- The School offers degrees in Chemistry as well as Chemical Engineering, and students can switch between the two subject areas in the first year if their interests change and if they meet the criteria.

### Admission Requirements
- **BEng Honours**
  - Chemical Engineering 3 yrs (H800)
  - Chemical Engineering with a Year in Industry 4 yrs (H804)
  - MEng Honours
  - Chemical Engineering 4 yrs (H802)
  - Chemical Engineering with a Year in Industry 5 yrs (H805)

### Entrance Requirements
- **BEng**
  - A-level:
    - BBB including Mathematics and at least one from Chemistry (preferred), Biology, Computer Science, Digital Technology, Geography, ICT (first Applied), Physics, Software Systems Development, Technology and Design or Double Award Applied Science.
  - BTEC Extended Diploma:
    - A relevant BTEC Extended Diploma with 100 credits at Distinction and 40 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 in either GCSE Chemistry and Physics or GCSE Double Award Science grades ICC.

- **MEng**
  - A-level:
    - AAB including Mathematics at least one from Chemistry (preferred), Biology, Computer Science, Digital Technology, Geography, ICT (first Applied), Physics, Software Systems Development, Technology and Design or Double Award Applied Science.
  - BTEC Extended Diploma:
    - A relevant BTEC Extended Diploma with 160 credits at Distinction and 20 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 B in either GCSE Chemistry and Physics or GCSE Double Award Science grades BB.
CHEMICAL TECHNOLOGY

This exciting new course reflects the School’s distinctive position as the only combined School of Chemistry and Chemical Engineering in the UK to offer a degree comprising core elements of both disciplines. It also reflects the reality of the workplace, where chemists and engineers work together and need to be able to communicate with and understand each other. The core topics in both subject areas are studied, and then in the later stages of the course there is the opportunity to select specialist options modules in either Chemistry or Chemical Engineering. These choices allow students to decide whether they graduate with an MEng or MSci degree in Chemical Technology.

COURSE CONTENT

As well as obtaining a high level of scientific and engineering knowledge, the Chemical Technology degree will also provide you with training in team-working and with communication skills. You will be equipped with the skills to work at the interface between the disciplines, making you qualified for a range of different roles within the chemical industry. All degrees are modular, with six modules (or the equivalent in half-modules) each year. Students take a range of theoretical and practical modules in engineering, chemistry and maths. The modules are:

Stage 1
Students study Organic, Inorganic and Physical Chemistry as well as Chemical Engineering, Process and Product Design and Mathematics.

Stage 2
The theory behind the core topics of each discipline are covered in detail. Students have the opportunity to apply their theoretical knowledge to solve computer-based problems as well as to take part in a group project in process design.

Stage 3
Comprises more advanced modules in each discipline with the opportunity to take both a Chemical Engineering design project and a Chemistry mini-research project. A range of specialist modules are taken, allowing students to specialise in one discipline.

Stage 4 – MEng / MSci
All students carry out a research project, working alongside postgraduate students in one of the research groups in the school. Also taken are modules in process analytical chemistry and technology management and entrepreneurship. The choice of research project determines the additional Master’s-level modules taken in Stage 4 and whether an MEng or MSci degree is awarded at graduation.

Opportunities to study in Europe, Canada and USA under the Erasmus and TASSEP exchange programmes are available.

CHEMICAL TECHNOLOGY

MEng Honours
Chemical Technology 4-yr (H881)
Chemical Technology with a Year in Industry 3-yr (G148)

MSci Honours
Chemical Technology 4-yr (H880)
Chemical Technology with a Year in Industry 3-yr (G149)

See also Chemistry and Chemical Engineering

Entrance Requirements
A-level
AAB including Chemistry and Mathematics.
BTEC Extended Diploma
A relevant BTEC Extended Diploma with 160 credits at Distinction and 20 credits at Merit. Distinctions will be required in stipulated relevant units.
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

Studying for a Chemical Technology degree at Queen’s will equip you with technical skills in both science and engineering. Through studying in a joint school of Chemistry and Chemical Engineering you will be trained in the interdisciplinary need to work in different areas in the Chemical Industry. The wide range of transferrable skills obtained mean graduate jobs in a range of areas are also open.

Further study is also an option and Chemical Technology graduates are qualified to follow either a science or engineering path.

Graduates can choose one of our Master’s programmes, as well as from a comprehensive list of research topics for a postgraduate research qualification (MPhil or PhD); see the School website for further information.

WHY QUEEN’S?

Accreditation: This is a new degree which will be considered for accreditation by both the Royal Society of Chemistry (RSC) and the Institution of Chemical Engineers (IChemE).

Awards: Our degrees develop transferrable skills such as a high level of numeracy, computer skills, problem-solving skills, interdisciplinary communications, report writing, presentations and information retrieval.

Flexibility: The School also offers degrees in Chemistry and Chemical Engineering and students can change between the three subject areas in the first year if their interests change; providing the entrance requirements are met.

WHY QUEEN’S?

Accreditation: This is a new degree which will be considered for accreditation by both the Royal Society of Chemistry (RSC) and the Institution of Chemical Engineers (IChemE).

Awards: Our degrees develop transferrable skills such as a high level of numeracy, computer skills, problem-solving skills, interdisciplinary communications, report writing, presentations and information retrieval.

Flexibility: The School also offers degrees in Chemistry and Chemical Engineering and students can change between the three subject areas in the first year if their interests change; providing the entrance requirements are met.
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.

MSci degrees are available for high-calibre students with the ability and aspiration to practise Chemistry at the highest levels. BSc students with excellent performance may transfer to the MSci up to the end of Stage 2. The School has also introduced a degree in Chemical Technology, covering core elements of both chemistry and chemical engineering (see separate entry).

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 and allow students, through training in the three main subject areas (Inorganic, Organic and Physical Chemistry) through compulsory core modules which offer in-depth study of these three areas.

BSc Honours (Chemistry) Year 2: students are required to take six modules of chemistry, designed to extend their knowledge of the traditional subject areas of 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.

Year 3: in addition to advancing the three main subject areas of organic, inorganic and physical chemistry, students can also select a number of applied options allowing opportunities to specialise. Students have the choice of taking either a research project directly supervised by a member of staff, or a series of three extended mini-projects in each of the main subject areas. Key to both of these options is the acquisition of both subject-specific and generic skills to act as a springboard to a successful career.

Different pathways offer opportunities to specialise through specialist modules and extended practical/ project work. The special pathways are available consistent of all elements which are:

- Chemistry with Study Abroad: students take French or Spanish alongside Chemistry in Stages 1 and 2, then spend a year abroad studying Chemistry in French or Spanish, returning to Queen’s for Stage 3.
- BSc Sandwich: students spend Year 3 working in industry (subject to availability of suitable placement), returning to Queen’s for their final year of study.

Entrance Requirements

BSc options BSc Chemistry and BSc Medicinal Chemistry A-level:

\[ AAB \] including Chemistry and a second Science subject + GCSE Mathematics grade C.

MSci options MSci Chemistry / MSci Medicinal Chemistry (incl. sandwich options) A-level:

\[ A^*AB \] including Chemistry and a second Science subject + GCSE Mathematics grade C.

MSci Chemistry with French/Spanish/Study Abroad A-level:

\[ A^*AB \] including Chemistry and a second Science subject + GCSE Mathematics grade C.

- For French option: A-level French grade B or A-level grades AAB plus AS-level French grade B.
- For Spanish option: A-level Spanish grade B or A-level grades AAB plus AS-level Spanish grade B.

Medicinal Chemistry: students take modules which include Biochemistry, Genetics and Medicinal Chemistry, and a medicinal or biological project.

MSci Honours (Stage 4)

Students carry out an independent research project. Students on the MSci programmes also have an option to carry out a year-long industrial placement with a leading UK or European company, normally between Stage 3 and Stage 4.

WHY QUEEN’S?

- Accreditation/Professional Recognition
- All BSc and MSci Chemistry and Medicinal Chemistry degrees are accredited by the Royal Society of Chemistry and the Institute of Chemistry in Ireland.
- Flexibility
- We teach Chemical Engineering as well as Chemistry and in the first year students have the unique opportunity to switch between the two different subjects, providing they have the appropriate A-levels.

Entrance requirements

A-level:

- Chemistry (incl. sandwich options)
- Mathematics (incl. sandwich options)
- A-level: Chemistry (incl. sandwich options)
- A-level: Mathematics (incl. sandwich options)

- A-level: Chemistry (incl. sandwich options)
- A-level: Mathematics (incl. sandwich options)

- A-level: Chemistry (incl. sandwich options)
- A-level: Mathematics (incl. sandwich options)

- A-level: Chemistry (incl. sandwich options)
- A-level: Mathematics (incl. sandwich options)

Further Study

Further study is also an option – graduates can choose to undertake a PhD, as well as a comprehensive list of research topics; see the School website for further information.

Athena SWAN

The School of Chemistry and Chemical Engineering has been awarded the prestigious Athena SWAN silver award for its work in promoting women in science.

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Queen’s University Belfast – Undergraduate Prospectus 2019

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

For students whose first language is not English

An IELTS score of 6.0 with a minimum of 5.5 in each component or an equivalent acceptable qualification, details of which are available at: [www.qub.ac.uk/pefqs/international]
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 4th in the UK in the 2018 Guardian University League tables.

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 basis of the technical, management and professional skills needed for a career in civil engineering.

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. BEng students graduate at the end of this year.

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.

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 gained international work placements through, for example, IAESTE.

CAREERS/FURTHER STUDY

Our graduates can not only choose from a range of rewarding and challenging careers in civil engineering, but are also sought after in accountancy, commerce, education and research. Many of our former graduates have risen to the top of their fields and include many famous figures, eg Sir Peter Rice (Designer of Sydney Opera House, Centre Pompidou and the Louvre Pyramids), 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).

We regularly consult and develop links with a large number of 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 major employers.

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 McWhiney, Graduate Civil Engineer

Entrance Requirements

BEng Honours

Civil Engineering 3 yrs (H200)

Civil Engineering with a Year in Industry 4 yrs (H200)

MEng Honours

Civil Engineering 4 yrs (H200)

Civil Engineering with a Year in Industry 5 yrs (H200)

See also Environmental and Civil Engineering and Structural Engineering with Architecture.

Entrance Requirements BEng

A-level:

BBB including Mathematics and at least one from Biology, Chemistry, Computing, Digital Technology, Geography (ICT or Applied ICT), Physics, Software Systems Development, Technology and Design or Double Award Applied Science.

BTEC Extended Diploma:

A relevant BTEC Extended Diploma with 180 credits at Distinction and 80 credits at Merit. Distinctions will be required in stipulated relevant units.

Note: applicants not offering Physics at A-level should have a minimum of 5.5 in each test component or an equivalent acceptable qualification, details of which are available at: jbm.org.uk/undergraduate/masters/.

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 3.

MEng

A-level:

AAB including Mathematics and at least one from Biology, Chemistry, Computing, Digital Technology, Geography (ICT or Applied ICT), Physics, Software Systems Development, Technology and Design.

BTEC Extended Diploma:

A relevant BTEC Extended Diploma with 160 credits at Distinction and 20 credits at Merit. Distinctions will be required in stipulated relevant units.

Note: applicants not offering Physics at A-level should have a minimum of 5.0 in each test component or an equivalent acceptable qualification, details of which are available at: jbm.org.uk/undergraduate/masters/.

Note: BEng applicants will automatically be considered for admission to the MEng, both at initial offer-making stage and when results are anonounced.

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: jbm.org.uk/undergraduate/masters/.

5.5 in each test component or an equivalent acceptable qualification, details of which are available at: jbm.org.uk/undergraduate/masters/.

5.5 in each test component or an equivalent acceptable qualification, details of which are available at: jbm.org.uk/undergraduate/masters/.
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COMMON AND CIVIL LAW WITH FRENCH

This is a fully integrated programme between Law and French. You will focus on the sources of French law, the practice of justice in France, and topical issues with legal/judicial ramifications, whilst also obtaining a Qualifying Law Degree (QLD) for England, Wales and Northern Ireland. The year abroad is a unique opportunity for linguistic development by immersion in Francophone culture. 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 a Qualifying Law Degree (Legal Methods and Skills), Constitutional Law in Context, European Constitutional Law, Internal Market Law, Criminal Law, Rights and Accountability, Torts, Contract, Equity, Land Law, Contemporary Issues in Property Law, Evidence in addition to furthering their French studies through a range of modules.

Stage 1
- Constitutional Law in Context
- Legal Methods and Skills
- Rights and Accountability
- Criminal Law
- French 1

Stage 2
- Equity
- Land Law
- European Constitutional Law
- European Internal Market Law
- French 2

Stage 3
- Contract
- Torts
- Contemporary Issues in Property Law
- Evidence
- French 3

WHY QUEENS?

Global Opportunities

Students spend an academic year studying French at a university in France or Belgium. This significantly enhances the employability of students and the global opportunities open to them.

Professional Accreditations

All of the undergraduate Law degrees offered at Queen’s are recognised qualifying law degrees, which means that they are accredited by legal professional bodies in Northern Ireland, England and Wales and the Republic of Ireland. This means that the degree covers those subjects that are regarded as prerequisites for professional legal studies.

Industry Links

Law students have the unique opportunity of working with industry leaders through commercial awareness events and other negotiation exercises that offer insight into the legal practice (and services) world, but also providing an enhanced skills development experience.

Past students have gained work placement with organisations such as the Council of the EU, European Commission, European Parliament, United Nations (UN), Organisation for Security and Co-operation in Europe (OSCE), Council of Europe, and Thomson Reuters.

World-Class Facilities

The new Law School at Queen’s offers students access to World-Class facilities such as a fully interactive moot court room, various seminar rooms and a wellbeing room. 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

Law at Queen’s is taught by world-leading experts in the area of Law including Human Rights, Criminalsity and Socio-Legal Studies. Our staff have close research links with the professions, government and Civil Society.

Professional Accreditations

Research in Languages at Queen’s is taught by world-leading experts in French and Francophone Culture, with particular expertise in visual culture, linguistics, popular culture, medical humanities and postcolonial writing. 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 can join a number of student-led initiatives within the School including the Law Society, the ADR Society and the Street Law Project. Other initiatives include the Queen’s Student Law Journal and the Pro Bono Project. Students run a lively French Society, and staff offer support through a personal tutoring system, skills development programme and a structured framework for feedback.

CAREERS/FURTHER STUDY

Studying Law with French 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 Law.

Although a large percentage of our graduates are interested in pursuing careers in Law, significant numbers now pursue 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
- Corporate Banking
- Purchasing Officer
- Fast Stream Civil Service
- Publishing, Media and Performing Arts
- Export Marketing
- Advertising
- Finance
- Law Enforcement and Public Prosecution
- Various graduate programmes (Times Top 100 UK Graduate Recruiters GRA Association of Graduate Recruiters UK)

Placement Employers

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

- Deloitte
- The European Commission
- The European Parliament
- The United Nations (UN)
- The Council of Europe
- Thomson Reuters
- The Organisation for Security and Co-operation in Europe (OSCE)

Other Employer Links

Top international law firms, including the Magic Circle law firms - Allen & Overy, Clifford Chance, Freshfields, Bruckhaus Deringer, Linklaters, Slaughter & May, and many more.

Many of our former graduates have risen to the top of their fields and are interested in pursuing careers in Law, but also providing an enhanced skills development experience.

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 as well as a comprehensive list of research topics (see the Law School website).

Sarah Fowler, Baker McKenzie

THE LAW PROGRAMME AT QUEEN’S IS RANKED IN THE TOP 2% IN THE WORLD (QS World Rankings by Subject 2017)

Entrance requirements

- A-levels: AAA including A-level French grades A
- For students whose first language is not English

IELTS

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

5.5 in each test component or an equivalent acceptable qualification, details of which are available at: go.qub.ac.uk/EnglishLanguageReqs

Sarah Fowler, Programme Director for LLB pathways

Queen’s University Belfast – Undergraduate Prospectus 2019

Queen’s University Belfast – Undergraduate Prospectus 2019

Baker McKenzie selected Belfast as a location in large part because of the quality of the education system in Northern Ireland and the tremendous talent from universities right on our doorstep. We recruit extensively at graduate level and have been delighted with the quality of graduates from Queen’s. We have developed a strong relationship with the School of Law and look to continue to work with Queen’s as our business continues to grow.”

Sarah Fowler, Baker McKenzie

“Baker McKenzie selected Belfast as a location in large part because of the quality of the education system in Northern Ireland and the tremendous talent from universities right on our doorstep. We recruit extensively at graduate level and have been delighted with the quality of graduates from Queen’s. We have developed a strong relationship with the School of Law and look to continue to work with Queen’s as our business continues to grow.”

Sarah Fowler, Baker McKenzie
COMMON AND CIVIL LAW WITH HISPANIC STUDIES

This is a fully integrated programme between Law and Spanish. You will focus on the sources of Spanish law, the practice of justice in Spain, and topical issues with legal/judicial ramifications, whilst also obtaining a Qualifying Law Degree (QLD) for England, Wales, and Northern Ireland. The year abroad is a unique opportunity for linguistic development by immersion in Spanish culture. In a globalised workforce, proficiency in an additional language, together with the experience of studying abroad, significantly enhances your employability.

WHY QUEEN’S?

Global Opportunities
Students spend an academic year studying Spanish at a university in Spain. This significantly enhances the employability of students and the global opportunities open to them.

Professional Acreditations
All of the undergraduate law degrees offered at Queen’s are recognised qualifying law degrees, which means that they are accredited by legal professional bodies in Northern Ireland, England and Wales and the Republic of Ireland. This means that the degree covers those subjects that are regarded as prerequisites for professional legal studies.

Industry Links
Law students have the unique opportunity of working with industry leaders through commercial awareness events and other networking exercises that offer insight into the legal practice (and services) world but also providing an enhanced skills development experience.

World-Class Facilities
The new Law School at Queen’s offers students access to World-Class facilities such as a fully interactive Moot Court room, various seminar rooms and a wellbeing room. Queen’s has an excellent library, with an outstanding range of resources in Spanish and Spanish Hispanic cultures. The Language Centre has state-of-the-art facilities for language learning, and the IT provision more generally is excellent.

INTERNATIONALLY RENOWNED EXPERTS

Law at Queen’s is taught by world-leading experts in the area of Law including Human Rights, Criminality and Socio-Legal Studies. Our staff have close research links with the professions, government and Civil Society. Research in Law was ranked 15th in the UK in the most recent Research Assessment (Times Higher Education rankings based on REF 2014). Spanish at Queen’s is taught by world-leading experts in Spanish and Spanish Hispanic Culture, with particular expertise in visual culture, Peninsular and Latin American literature and culture, and medical humanities. 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 can join a number of student-led initiatives within the School including the Law Society, the ACRE Society and the Street Law Project. Other initiatives include the Queen’s Student Law Journal and the Mooting Society. 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 Law with Spanish 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 Law. 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. The following is a list of the major career sectors that have attracted our graduates in recent years:

- Management Consultancy
- Corporate Banking
- Purchasing Officer
- Corporate Banking
- Management Consultancy
- Export Marketing
- Advertising
- Financial

Law Enforcement and Public Prosecution
- Vested graduate programmes (Times Top 100 UK Graduate Recruiters: Association of Graduate Recruiters UK)

Placement Employers
Our past students have also gained workplace 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

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 as well as a comprehensive list of research topics (see the Law School website).

“My opportunity to travel and divulge into a new culture and meet people from all over the world; both in Belfast and on my year abroad. Of course, I’m proud of my achievements directly relatable to my degree. All of that knowledge from my studies has been directly useful post-Queen’s and in helping me towards my future career goals. Finally, as cheesy as it sounds, I grew up and developed in leaps and bounds whilst I was at Queen’s. If I could go back and do it all over again, I’d love it!”

Catherine Elvin, LLB Common and Civil Law with Hispanic Studies

ENTRANCE REQUIREMENTS

A-levels:
- A level A in A-level Spanish grade A
- For students whose first language is not English
- An ELT’s 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

Entrance requirements (Guardian University Guide 2018)

Queen’s University Belfast - Undergraduate Prospectus 2019

Queen’s University Belfast - Undergraduate Prospectus 2019
COMPUTER SCIENCE

Computer Science is concerned with transforming how we live in the future. It will shape the technology that people interact with on a daily basis. In the future, virtually all of the ways we communicate, interact, travel and do business will have been improved by computer science and because of this, the world will need computer scientists. It is particularly concerned with the specification, design, construction and use of computer systems. It embraces subject areas such as software engineering, hardware architecture and design, information systems, communications, graphics, simulation and modelling, artificial intelligence and human-computer interaction.

Computer systems are often highly complex in nature and must be reliable in operation, and our Computer Science degree programmes provide knowledge and expertise in many of the concepts and approaches, which are required to design and maintain such systems.

COURSE CONTENT

These degrees aim to teach the fundamental principles of Computer Science, together with the necessary skills, tools and techniques to enable our graduates to embark on careers as professional software engineers, or to become suitably qualified to undertake research in Computer Science. As with all of our courses, industrial engagement forms an integral part, balancing academic theory with practical learning. The programme contains the following themes:

Year 1
• Programming
• Computer Architecture, Networks and Databases
• Introductory Software Engineering
• Rigorous Problem-solving

Year 2
• Advanced Programming (including Java, C++ and Android)
• Architecture and Networks
• Data Structures, Algorithms and Programming Languages
• Information Modelling
• Computation Theory

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, Coiva, Kanos (Belfast), IBM (England), Microsoft, Oracle (Dublin), Fujitsu (Japan) and Siemens (Germany), and students are assisted in obtaining placements.

Year 3
• Artificial Intelligence and Advanced Data Analytics
• Advanced Computer Architecture
• Concurrent Programming
• Information System Security
• Secure Software Design
• Video Analytics and Machine Learning
• Malware Analysis
• Formal Methods
• Computer Science Project

These advanced modules permit each student to tailor their skills towards one or more areas of computer science specialisation.

Year 4 (MEng)
This four or five-year extended degree has been established to provide a supply of particularly well-qualified graduates who will become industry leaders. It contains a blend of Computer Science and Software Engineering knowledge and skills, as well as skills in conducting state-of-the-art research. Students have the option of a year’s professional experience in industry.

BEng Honours
Computer Science 4-yr SW (G404)
BSc Honours
Computer Science 4-yr SW (G400)
MEng Honours
Computer Science 4-yr (G430)
Computer Science 5-yr SW (G405)
MSci Honours
Mathematics and Computer Science 4-yrs (G407)

See also Engineering Software and Computing and Information Technology.

Entrance Requirements
BEng/BSc Single Honours

A-level:
- BBB including Computing, Mathematics or Software Systems Development + GCSE Mathematics grade C
- 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.

MEng/MSci

A-level:
- AAB including Computing, Mathematics or Software Systems Development or to become suitably qualified to undertake research in Computer Science. As with all of
- 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.

BTEC Extended Diploma:
• A relevant computing, engineering or scientific BTEC Extended Diploma with 100 credits at Distinction and 600 B&D credits at Merit + GCSE Mathematics grade C.

All applicants:
• Computer Science, Computing and Information Technology and Software Engineering. Students who 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, BEng applicants will automatically be considered for admission to the appropriate BEng if they are not eligible for entry to the MEng degree at first offer making stage and when results are received.
• For MSci and BSc Joint Honours with ICT + GCSE Mathematics grade C.

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: http://www.qub.ac.uk/internationallanguagerequirements

The Computer Science programme at Queen's is ranked in the top 175 in the world.
(Times Higher Education World University Rankings 2018)

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:
• Algorithms: Analysis and Applications
• High Performance Computing: Principles of Parallel Programming
• Advanced Machine Learning
• Advanced Software Engineering
• Computer Science Research and Development Project

WHY QUEEN'S?

Links with Industry: The School has links with over 500 IT companies both here and abroad, and benefits from the fact that there are more software companies located in Northern Ireland than any other part of the UK, outside of London. This benefits students on many levels through providing industrial input into our degree content, summer and year-long placements and 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 Coiva, Citi and Liberty IT, worth up to £25k. All provide for a cash stipend with academic year, a guaranteed industrial placement, an opportunity for students to gain work experience during the academic year, plus the opportunity of a permanent position on graduation. For further practical details 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, and many national and international companies have chosen here as a location to conduct large projects in recognition of the high quality of graduates produced by the local universities.

Career options for Computer Science graduates include software and system analyst; web designer; games developer; systems developer; IT consultant; and project manager. Our graduates are also perfectly placed to embark on a research career, with opportunities to study at Master’s level or pursue one of the many topics of research, see the School website for further information.

Return requirements
Entrance requirements
www.qub.ac.uk/eeecs
www.qub.ac.uk/eeecs
Computing and Information Technology will be key to the development and growth of companies in the future. As technology advances, businesses will need individuals who are comfortable in client situations, making collaborative efforts to solve information technology problems across a wide range of business sectors. Our Computing and Information Technology degree aims to give students a sound knowledge across a broad range of information technology subjects.

This degree is ideal for students who are interested in all aspects of IT and embraces subject areas such as programming, web development, database design and human-computer interaction.

Team-working skills have an important role to play and software development on this degree has a web-based focus. Industry is embedded in our courses and this benefits our students on many levels — 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 companies.

This four-year degree (three years plus a placement year) will involve development of the applied computing, interpersonal, communication and IT skills necessary to develop, select, deliver, manage and maintain cutting-edge IT infrastructures and advanced IT systems.

### 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-oriented 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
- Human-Computer Interaction
- Information Management Systems
- Web-based Programming
- System Administration and Maintenance
- Software Engineering

#### Year 2
- IT Enterprise Project
- Agile and Lean Software Development
- Data Analysis and Visualisation
- Information Systems Security
- Software Testing
- Software Design Principles and Patterns
- Software and Information Systems Design
- Information Systems Management
- Database Systems
- Service-Oriented Architecture
- Software Engineering
- Programming Languages
- Cloud Computing

#### Year 3
- Web Development and Design
- Business Information Systems
- Android App Development
- Software Engineering
- Computer Architecture
- Software Development Tools
- Data Mining and Business Intelligence
- Information Systems Management
- Data and Information Management
- System Administration and Maintenance
- Software Testing
- Software Design Principles and Patterns

#### Year 4
- Computer Science
- Computing and Information Technology
- Software and Information Systems Design
- Information Systems Management
- Data and Information Management
- System Administration and Maintenance
- Software Testing
- Software Design Principles and Patterns

### BSc Honours

Computing and Information Technology with a Year in Industry 4 yr i/s (GG45)

See also Computer Science and Software Engineering.

### Entrance Requirements

**A-level:**
- B/B including Mathematics, Computing or Software Systems Development + GCSE Mathematics grade C
  - OR
  - A/B including Biology, Chemistry, Digital Technology, ICT including Single Award Applied ICT, Single Award Computer Science, Applied ICT Award Applied ICT + GCSE Mathematics grade C
  - OR
  - A/A + GCSE Mathematics grade C

**BTEC Extended Diploma:**
- A relevant BTEC Extended Diploma with 140 credits at Distinction and 40 credits at Merit + GCSE Mathematics grade C
  - OR
  - A relevant computing, engineering or scientific BTEC Extended Diploma with 120 credits at Distinction and 60-80 credits at Merit + GCSE Mathematics grade C

**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

**All applicants:**
Computing 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 this 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 [www.qub.ac.uk/englishlanguage](http://www.qub.ac.uk/englishlanguage).

### Why Queen’s?

**Placement:** all students undertake a paid placement year in industry. The School has links with over 500 local, national and international organisations. Examples of companies where our students have spent their placements include Microsoft, Kainos, Allstate, Citi and Belfast City Council.

### 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.

**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.
CRIMINOLOGY

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.

COURSE CONTENT

Stage 1
Compulsory modules
• Introducing Criminology
• Exploring Criminology

Optional modules
• Introducing Social Policy
• Thinking the Social World
• Rethinking Society
• The Sociological Imagination
• Comparative Politics
• Issues in Contemporary Politics
• Themes and Issues in Social Policy
• Digital Society
• Researching the Social World
• Power, Ritual and Symbol: The View from Anthropology

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

Stage 3
Compulsory modules
• Punishment, Penal Policy and Prison
• Research Project and Dissertation
• Youth, Crime and Criminal Justice
• Criminology Beyond Borders

Optional modules
• Psychological Perspectives on Crime
• Criminal Justice in Transition

WHY QUEENS?

Research-led Teaching
Criminology is taught by a group of internationally-recognised criminological researchers who specialise in areas such as criminal justice policy, prisons, community sanctions, drug use, youth justice, conflict and human rights.

Prizes
The highest achieving graduates are awarded the Lockhead 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.

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 www.qub.ac.uk/schul/fsfsalead/entryrequirements

WHEN YOU LEAVE

Careers/Further Study

The diversity of interests and topics covered in Criminology provides a unique context to study crime and justice in a society emerging from conflict.

Graduate employers include:
• Youth and Community Worker
• Charity Fundraiser
• Policy Analyst
• Civil Servant
• Researcher

Typical career destinations
Around 80 per cent of students are in employment, with an average starting salary of £16,000, six months after finishing the course (source: Unistats).

CAREERS/FURTHER STUDY

The diversity of interests and topics covered in Criminology provides a unique context to study crime and justice in a society emerging from conflict.

Graduate employers 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

Graduate employers include:
• National Health Service
• Northern Ireland Housing Executive
• Northern Ireland Civil Service
• European Commission
• Government departments

Typical career destinations
Around 80 per cent of students are in employment, with an average starting salary of £16,000, six months after finishing the course (source: Unistats).
Criminology and Social Policy

Criminology focuses on the causes and consequences of crime, as well as how the criminal justice system responds to crime. 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 explores how we can improve human wellbeing through tackling intractable social problems and delivering better-quality public services. 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

- Compulsory modules
  - Introducing Criminology
  - Introducing Social Policy
  - Exploring Criminology
  - Themes and Issues in Social Policy
  - Rethinking Society

Optional modules

- The Sociological Imagination
- Digital Society

Stage 2

- Criminological Theory
- Policing and Society
- Welfare in Theory and Practice
- Qualitative Research Skills
- Quantitative Research Skills
- Ageing and the Life Course

Stage 3

- Compulsory modules
  - Disability and Society
  - Punishment, Penal Policy and Prisons
  - Youth, Crime and Criminal Justice
  - Policy Briefing Paper

Optional modules

- Criminal Justice in Transition
- Gender, Family and Social Policy: Comparative Perspective
- Psychological Perspectives on Crime
- Criminology Beyond Borders

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, community sanctions, 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.

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.

BA Joint Honours

- Criminology and Social Policy 3 yrs (W394)

See also Criminology, Criminology and Sociology, Social Policy and Sociology.

Entrance Requirements

A-levels

- 104

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

Careers/Further Study

Criminology and Social Policy at Queen’s provides a unique context to study crime, justice and social policy in a society emerging from conflict.

Entrance requirements

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

Course Information

Dr Bronagh Byrne
School of Social Sciences, Education and Social Work
b: b.byrne@qub.ac.uk
t: +44 (0)28 9097 1478

Further Study

Further study is also an option open to Criminology and Social Policy graduates. You can choose from a wide range of Master’s programmes as well as a comprehensive list of research topics.

Rachel Stanley, Joint Honours Graduate (2016), current MSc Youth Justice student

“The three years I have spent studying at Queen’s have been incredibly rewarding. The course offers a wide range of interesting and diverse modules covering a wide range of 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.”

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CRIMINOLOGY AND SOCIOLOGY

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.

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 conflict, security, climate change and social justice) to individual experiences (such as the body, beliefs and mental health).

COURSE CONTENT

Stage 1
- Introducing Criminology
- Introducing Social Policy
- Exploring Criminology
- The Sociological Imagination
- Digital Society

Stage 2
- Criminology Beyond Borders
- Childhood Matters
- Norms and Social Change
- Global Risk Society

Optional modules
- Northern Ireland: Conflict, Identity, Peace
- Health, Illness and Social Bodies
- Environmental Crime and Justice
- The Power of Social Theory
- Social Inequalities and Diversity
- Crime and the Media

Stage 3

Compulsory modules
- Punishment, Penal Policy and Prisons
- Psychological Perspectives on Crime
- Contemporary Irish Society

Optional modules
- Youth, Crime and Criminal Justice
- Religion, Death or Revival
- Modern Families, Intimate and Personal Relationships
- Global Risk Society
- Norms and Social Change
- Childhood Matters
- Criminology Beyond Borders

WHY QUEEN’S?

Research-led Teaching
Criminology is taught by a group of internationally recognised criminological researchers who specialise in areas such as criminal justice policy, prisons, community sanctions, 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.

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 (eg social services, education, criminal justice, social work), private sector (eg market research, policy analysis, human resources), and third sector (eg 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:
- Police Officer: £22,300
- Charity Fundraiser: £15,000-£24,000
- Public Administrator: £19,000-£25,000
- Social Researcher: £22,000
- Social Worker (after relevant graduate track degree): £23,500
- Social Worker (after relevant graduate track degree): £23,500
- Police Officer: £22,300
- Teacher (after relevant graduate track degree): £23,500

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
- Issos 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.

Entrance Requirements

A-level
- AAB
- All applicants
- There are no specific subject requirements for study in 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

Entrance requirements

E: s.mcalister@qub.ac.uk
T: +44 (0)28 9097 3838

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DENTISTRY

The Dental School at Queen’s has been responsible for delivering dental education in Northern Ireland since 1920. In the National Student Survey 2017, where our final year students have an opportunity to give anonymous feedback on the completion of their five-year course, the Bachelor of Dental Surgery degree at Queen’s University received a 98 per cent satisfaction rate, placing us joint third in the UK.

Dentistry is a growing academic discipline in Northern Ireland. GDC statistics for 2017 showed that Northern Ireland’s population of dentists increased by 28 per cent between 2010 and 2017. The Northern Ireland Department of Health’s 2015/16 Dental Health Survey showed that the majority of adults aged 16 and over (85.5 per cent) were aware of the importance of regular dental check-ups.

In the Northern Ireland Health and Social Care Board’s 2017-2018 annual report, 81 per cent of the population said they were satisfied with their dental care. The Board also reported that 83 per cent of adults were ‘very satisfied’ or ‘satisfied’ with the quality of care they received.

The fact that dentists are in demand is evidenced by the number of GP surgeries which are looking to recruit dentists. This has been driven by the increased number of people who maintain a good level of oral hygiene and by the growing awareness of the importance of dental health.

In response to these needs, Queen’s is providing 100 per cent funded places for students from Northern Ireland, while similarly funding 5 per cent of places for students from the rest of the UK.

Three years are committed to rigorous clinical as well as academic training.

The NHS employs around 2,000 dentists in Northern Ireland. Queen’s graduates are employed in a wide range of settings, including GP surgeries, private dental practices, hospitals, community health centres, public health services and public health laboratories. The majority work as full-time, clinical dentists on the Foundation Dental Training Scheme.

Course overview

The Bachelor of Dental Surgery (BDS) programme at Queen’s University is the same as the BChD offered by some other institutions. It is approved by the General Dental Council (GDC) and is one of the few programmes in the UK that deliver dental education in Northern Ireland since 1920.

The programme is recognised by the United Kingdom’s General Dental Council (GDC) as a recognised qualification that meets the requirements for registration as a dentist in the UK.

The programme is also approved by the General Medical Council (GMC) for those who wish to train in a medical specialty after qualification.

Course ambitions

This course aims to prepare you for work as a dental practitioner, suitably qualified as a dental surgeon. This will enable you to deliver dentistry and oral health care to the population. The course prepares you to make independent and evidence-based decisions about patient care. It is firmly based on the principles of patient-centred care and aims to equip you with the knowledge, skills and attitudes necessary to successfully work as a dental surgeon.

Clinical placements are available from the first year of the course. Students will have the opportunity to undertake clinical placements in Year 1 of the course. Throughout the course, students will gain valuable experience in a range of clinical settings to help develop their skills and career opportunities.

Professional Training

Students who successfully complete the BDS programme will have the opportunity to undertake intercalated degrees 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 new state-of-the-art Clinical Techniques Laboratory (CTL) is now used by students throughout the programme.

course content

Years 1 and 2

Students are attached to dental clinics and also undertake module whereby 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 undertake a study of the impact of systemic disease on dentistry.

Years 4 and 5

Emphasis is on teaching advanced clinical dental 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. Most of the paediatric dental course is carried out in outreach clinics.

Why Queen’s?

Accreditation

The Queen’s University Bachelor of Dental Surgery (BDS) programme is recognised and approved by the United Kingdom’s General Dental Council (GDC) as a recognised qualification.

Entrance requirements

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 interviews. There are 15 interviews possible in total and a maximum of five interviews for students taking place online.

Clinical Placements

The course of their dental degree, some students opt to study for an extra year to achieve an additional intercalated degree in fields such as sciences, languages and social sciences. This offers students an opportunity to develop their skills and career opportunities.

Professional Training

Students who successfully complete the BDS programme can apply for full registration as a dental surgeon with the GDC, which is a registrable qualification.

Accreditation

The course of their dental degree, some students opt to study for an extra year to achieve an additional intercalated degree in fields such as sciences, languages and social sciences. This offers students an opportunity to develop their skills and career opportunities.

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Accreditation

The course of their dental degree, some students opt to study for an extra year to achieve an additional intercalated degree in fields such as sciences, languages and social sciences. This offers students an opportunity to develop their skills and career opportunities.

Professional Training

Students who successfully complete the BDS programme can apply for full registration as a dental surgeon with the GDC, which is a registrable qualification.
DIVINITY

The Bachelor of Divinity degree (BD) is a specialist course in Theology which equips students for handling all of the main theological disciplines. An integrated curriculum ensures a thorough grounding, by the time of graduation, in everything needed for vocational ministry or for postgraduate theological study. First-year (or Level 1) modules initiate students into Biblical Studies (including the biblical languages), Systematic Theology, Church History and Practical Theology. Building on this foundation, and incorporating an element of choice, Level 2 modules enable students to read Greek and Hebrew texts and consolidate their knowledge, skills and tools across the range of Theology’s sub-disciplines. In their final year, while Practical Theology modules help all students explore interfaces with the contemporary Church, society or world, students also have opportunity to specialise in one or more areas of Theology. Through the BD programme, students develop sophisticated thinking and communication skills which are suited not only to Christian ministry or mission but to a great variety of professional situations.

**COURSE CONTENT**

**Level 1**
- Compulsory (120 CATS)
  - Introduction to Biblical Languages
  - Beyond Paradise: An Introduction to the Pentateuch
  - Early Church History
  - Introduction to Systematic Theology
  - Introduction to Jesus and the Gospels
  - Introduction to Practical Theology

**Level 2**
- Compulsory (40 CATS)
  - Greek Texts
  - Hebrew Texts
  - Biblical Studies (at least 20 CATS)
  - Old Testament Historical Books
  - Biblical Theology
  - Letters of Paul
  - Revelation of John

Systematic Theology and Church History (at least 20 CATS)
- The Christian Doctrinal Tradition
- In Search of the Good Life: Ethics from Plato to Postmodernity
- Study of World Religions

**Level 3**
- Independent Research (up to 40 CATS)
  - Dissertation
  - Double Dissertation
  - Research Project

**Practical Theology (at least 20 CATS)**
- Youth Ministry 1
- The Theology and Practice of Pastoral Care

**Biblical Studies (at least 20 CATS)**
- Old Testament Prophetic Texts
- John
- Thinking and Singing: an introduction to the wisdom and lyrical books of the Old Testament
- Romans
- Hebrews
- Advanced Hebrew
- Advanced Greek

Systematic Theology, Philosophy and Church History (at least 20 CATS)
- Trends in Modern Theology
- Current Issues in Philosophical Theology
- Christianity in the Twentieth Century
- Church History Field Trip to World War 1 Battlefields

**BD Honours**

Dinity 3 yrs (M600)

See also: Theology

**Entrance Requirements**

**A-level:**
- BBB

**All applicants:**
- There are no specific subject requirements to study Divinity.
- Those returning to education after a break will be considered individually on their own merits.
- 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 [pre-admission English requirements](#).

**Entrance Requirements**

**A-level:**
- BBB

**All applicants:**
- There are no specific subject requirements to study Divinity.
- Those returning to education after a break will be considered individually on their own merits.
- 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 [pre-admission English requirements](#).

**Practical Theology (at least 40 CATS)**
- Missiology
- The Church in the Contemporary World
- Youth Ministry 2
- Reconciliation Studies
- Reformed Spirituality and Worship

**WHY QUEEN’S?**

Global Opportunities
You will have the opportunity to take part in field trips to Belgium or Italy as well as elsewhere in the UK and Ireland. Erasmus exchanges (typically one semester long) are available in Budapest (Hungary) and Kampen (the Netherlands) or you may avail of the Study USA programme.

Internationally Renowned Experts
By its very nature, and of necessity, Theology is authentically rooted in and focused on its immediate community setting; accordingly, all College staff are experienced and active practitioners in the Irish and British contexts. In addition, some enjoy international recognition and exposure, or have practiced, taught or published, in Europe, North America or the developing world.

**Student Experience**
Theology student satisfaction at Queen’s is 93 per cent, ranked joint 7th in the UK (National Student Survey 2017)

**Prizes and Awards**
Top performing students are awarded a scholarship by the Institute of Theology.

**CAREERS/FURTHER STUDY**
Gaining your degree from Queen’s is a real sense of community. “I have made friends for life,” said one student. In the most recent National Student Survey (2017), 93% of our Theology students said they were satisfied with the course.

“...and recognising the skills of our graduates. The excellent standards of our education are recognised by employers who value the quality of our programmes and recognise the skills of our graduates. Close Links with Employers: Theology at Queen’s liaises closely with employers to offer guest lectures and on-site visits, amongst other activities. Theology students also take part in tailored employability and skills workshops, developed with the Student Guidance Centre.”

**Skills to Enhance Employability**

The analytical and communication skills that are essential to Theology are also recognised as important attributes for careers in many other areas, so there are job opportunities in many fields for successful graduates. Holders of a Theology degree will have demonstrated through their studies a capacity for assessing problems, exploring solutions and presenting the results of their work in a variety of media.

**Employment after the Course**
- Social and community workers
- Teachers (primary and secondary)
- Civil servants
- Lawyers
- Journalists and media commentators
- Vocational Ministry
- Youth work

Graduate employers include DEL, PCI, Lloyds Banking Group, Housing Executive, Health and Social Care Trust.

“...and of necessity, Theology is authentically rooted in and focused on its immediate community setting; accordingly, all College staff are experienced and active practitioners in the Irish and British contexts. In addition, some enjoy international recognition and exposure, or have practiced, taught or published, in Europe, North America or the developing world.”

**In the most recent National Student Survey (2017),**
- **93%** of our Theology students said they were satisfied with the course.

**“You have the opportunity to learn from some world-renowned scholars at Union Theological College and there is a real sense of community.”**

Graham Mullan, BD Divinity

**Entrance requirements**
- A-level: BBB
- All applicants:
  - There are no specific subject requirements to study Divinity.
  - Those returning to education after a break will be considered individually on their own merits.
  - 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 [pre-admission English requirements](#).

**Course Information**
- The Director of the Institute of Theology
  - t: +44 (0)28 9097 3612/3656
  - e: theology@qub.ac.uk

- The Director of the Institute of Theology
  - t: +44 (0)28 9097 3838
  - e: admissions@qub.ac.uk
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 Level 1 (1st Year)

DRA1001 Writing About Theatre: Theory, Criticism and Performance
DRA1003 Introduction to Performing Practices
DRA1005 Theatre Now: Contemporary Performance
DRA1006 Production Practices (technical module)
Level 2 (2nd Year)
DRA2002 Avant-Garde Theatre
DRA2003 The Art of the Actor
DRA2005 Devising Theatre
DRA2006 Performing the Classics
DRA2011 Art/History
DRA2012 The Theatre of the Absurd
DRA2022 Acting Shakespeare
DRA2045 American Theatre
DRA2050 Radio Drama
DRA2051 Theatre and Practice of Directing and Design
Level 3 (3rd Year)
DRA3010 The Theatre of Brian Friel
DRA3025 Dissertation (including practice option)
DRA3042 Post-conflict Drama
DRA3056 Theory and Practice of Adaptation
DRA3057 Drama, Health and Social Care
DRA3060 Dance Theatre
DRA3061 Performing the Classics

WHY QUEENS?

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 (brianfrieltheatre.co.uk), is one of the best-equipped theatres in Belfast, with a 100-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 (W4030)

BA Joint Honours
Drama and English 3 yrs (W4040) (see page 156)

See also Drama and English, Film and Theatre Making, Film Studies and Production, and Broadcast Production.

Entrance Requirements

A-levels
2022
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, a minimum of 5.5 in each test component or an equivalent acceptable alternative test is required. Details 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 at Queen’s 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 at Queen’s 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

Lisa McGee, stage and screen writer, won the Stewart Parker and Blackburn Award for Girls and Dolls (2006), and Kerri Quinn, lead role in Educating Rita, Lyric Theatre, Belfast

Kevin McCluskey, Lurgan, Northern Ireland
BA (2010), MA (2011) Drama Graduate, PhD (2015) in Drama and Performance

“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.”

Entrance requirements e: admissions@qub.ac.uk t: +44 (0)28 9079 3838
Course information e: d.grant@qub.ac.uk t: +44 (0)28 9079 3329 w: qub.ac.uk/edt

Subject Lead (Drama)
School of Arts, English and Languages
Mr David Grant

Queen’s University Belfast – Undergraduate Prospectus 2019
**Drama and English**

Students undertaking Drama and English at Queen's explore theatre, performance, literature and language in the widest possible sense; from ancient Greece to Renaissance England, to the Irish Literary Revival and on to Postmodernism; from the earliest writings in Anglo-Saxon to contemporary Irish, British, and ‘global’ literatures.

**Course Content**

Stage 1
- Core modules
  - Writing About Theatre: Theory, Criticism and Performance
  - Drama Theories and Practices

Stage 2
- Students select three optional modules in each subject from the following list, subject to availability:
  - **Drama**
    - The Theatre of Brian Friel
    - Postmodern Drama: Performing the Irish Peace Process
    - Theory and Practice of Adaptation
    - Drama, Health and Social Care
    - Dance Theatre
    - Performing the Classics
  - **English**
    - Broadcasting and Identity
    - Speech World: Phonology in Acoustics 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
    - Representing the Working Class
    - Renaissance Performance, Gender, Space
    - Shakespeare on Screen
    - Literature and Science in the Nineteenth Century
    - Digital Textualities and the History of the Book
    - Knowledge, Power and Imagination
    - Writing the East, 1662-1835
    - Irish Gothic
    - Writing New York 1880-1940
    - Special Topic: Irish Writing
    - Poetry and Precariousness in the C21st
    - Contemporary US Crime Fiction
    - Comic Fiction (1740-1820)
    - Stevens and Bishop
    - Double dissertation (English only)

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 the arts 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 6.5 in each test component or an equivalent acceptable qualification, details of which are available at [www.qub.ac.uk/englishrequirements](http://www.qub.ac.uk/englishrequirements).
A BSc Economics degree provides you with an opportunity to develop a firm understanding of human behaviour, not only in commerce, but also in wider society. The models used by economists are as much qualitative (expressed in words) as they are quantitative. You will be provided the opportunity to gain quantitative, 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**
- Principles of Economics
- Mathematics for Economists
- Applied Economics
- Statistical Methods
- Microeconomics 1
- Economics of Money, Banking and Financial Markets

**Year 2**
- Economic Growth
- Game Theory
- Managerial Economics
- Industrial Organization
- Introduction to Econometrics
- Macroeconomics Theory and Policy

**Year 3**
- Applied Economics
- International Trade
- World-Class Facilities

**Optional**
- Labour Economics
- Economic History
- Public Economics
- Economics Dissertation
- Economics of Networks and Institutions
- International Macroeconomics
- Economics of Networks and Institutions
- International Macroeconomics

**WHY QUEEN’S?**

**Student Satisfaction**
Economics student satisfaction at Queen’s is 94% per cent, ranked joint 15th in the UK (National Student Survey 2017).

**World-Class Facilities**
You will have access to Bloomberg terminals in the First U Trading Room,

**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:

- KPMG Prize is awarded to the best performing student with a Minor in a Modern Language
- Foundation Scholarships for best student
- Shaw Memorial Prize for best-performing student
- Education, health or government departments

**Entrance Requirements**

**Single Honours**
- **A-level:**
  - Economics and Mathematics grade A
  - Economics and another A-level: Economics grade A

**Joint Honours**
- **A-level:**
  - Economics and another A-level: Economics grade A
  - Mathematics grade A

**Typical career destinations of graduates include:**
- Economic Consulting
- Accounting
- Managers and Administrators in areas such as market research, advertising, sales and personnel
- Education, health or government departments

**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 new 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 careers 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, specialists in banking and investment appraisal, as well as more generalist positions in economic consulting.

84% of Queen’s Economics students are satisfied with their course, ranking us joint 15th in the UK. (National Student Survey 2017)

Mike Brown MVO, BSc Economics, Queen’s University (Commissioner - Transport for London)

“I work directly for the Mayor of London, and have overall responsibility for all of Transport for London services – London Underground, London buses, Docklands Light Railway, Crossrail operations, London Overground, London Trams and the Emirates Air Line cable car! I am also heavily involved in the Congestion Charging scheme, road safety and schemes to boost cycling and walking.”
ECONOMICS AND ACCOUNTING

The Economics and Accounting degree provides you with the opportunity to study economics modules alongside accounting ones. This degree integrates core elements of both economics and accounting degrees and offers an ideal platform for graduate students to enter into the accounting profession.

COURSE CONTENT

Year 1
- Price Theory
- Mathematics for Economists
- Statistical Methods

Year 2
Compulsory modules
- Managerial Economics
- Financial Decision Making
- Financial Accounting
- Management Accounting

Optional modules (choose 2)
- Financial Market Theory
- Introduction to Econometrics
- Macroeconomic Policy and Performance
- Industrial Organisation

Year 3
Compulsory modules
- Advanced Financial Accounting
- Law of Business Organisations
- Advanced Management Accounting
- Taxation

Optional modules (choose 2)
- Applied Econometrics
- Labour Economics
- Economic History
- Public Economics
- International Trade
- Economics of Corporate Strategy

WHY QUEEN’S?

Student Satisfaction
Economics student satisfaction at Queen’s is 84 per cent, ranked joint 15th in the UK (National Student Survey 2017).

Entrance Requirements

A-level:
- 84% in GCE Mathematics grade B
- For students whose first language is not English:
  - IELTS score of 6.5 with a minimum of 6.0 in each 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 Economics-related problems to a range of stakeholders such as the banking industry, investors, government, industry, etc. 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

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.

Entrance requirements

- ECONOMICS AND ACCOUNTING
- Grade 160 161
ECONOMICS WITH FINANCE

The Economics with Finance degree blends economics with finance-related modules. Two thirds of the degree’s modules are economics-based whilst the other third are finance. Finance is the study of investment and money management and as such complements the economics modules. This degree provides an excellent platform for graduates to pursue a career in economics, finance, and related industries.

COURSE CONTENT

Year 1
• Principles of Economics
• Mathematics for Economists
• Accounting
• Statistical Methods
• Price Theory
• Financial Institutions and Markets

Year 2
• Economic Growth
• Financial Market Theory
• Managerial Economics
• Macroeconomic Theory and Policy
• Introduction to Econometrics
• Financial Decision Making

Year 3
• Applied Econometrics
• International Macroeconomics
• Corporate Finance and Derivatives
• Equity Markets
• Financial Market Theory
• Applied Econometrics
• Mathematical Economics

Student Experience

Students can join the Trading and Investment Club, a student-run organisation which aims to educate its members on trading and investing through guest speakers, competitions 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 FinSU 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

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.

Entrance Requirements

A-level:
• ABB to GCE/International Baccalaureate/Advanced Programme
For students whose first language is not English
An IELTS score of 6.5 with a minimum of 6.5 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. 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

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.

Conclusion

Typical career destinations of graduates include:
• Financial 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 open option 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.

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.

“We provide strategic insight into the Bank of Ireland’s key markets in the UK and am responsible for all its economic and market research, briefings and presentations in Northern Ireland. I am a member of the Confederation of British Industry (CBI), Northern Ireland’s economic affairs committee and also appear regularly in the local media.”

Alan Bridle, Graduate in BSc Economics, Head of Economics & Market Analysis, Bank of Ireland, London and Northern Ireland

84% of Queen’s Economics students are satisfied with their course, ranking us joint 15th in the UK.

(Students Satisfaction 2017)
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, Modern 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. 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

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 discipline and skills that I developed as a student at Queen’s have been invaluable. I graduated with the ability to engage successfully with people from a different country and culture and the confidence that I could live and work overseas. Queen’s combines academia with access to industry, providing a practical education in a supportive environment.”

Karen Vaughan, Founder and Managing Director, Catalina Consulting London

The BEd Honours 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

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

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 qualifier 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 who has 10 specialist options.
There can be few modern enterprises and aspects of human life which remain untouched by Electronics or Electrical Engineering – it is one of the broadest engineering disciplines. Electrical and Electronic Engineering at Queen’s is concerned with solving practical problems using electrical/ electronic science. It is an exciting area of immense growth with a worldwide shortage of qualified engineers.

The subject area is broad, ranging from microelectronic chip design and manufacture to power generation and distribution. Rapid advances are occurring in fields such as telecommunications, computer software, hardware and networking, medical electronics, security, virtual and augmented reality, control and robotics and renewable energy systems.

**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 sandwich year in industry. This professional experience year is usually taken after Stage 2. Transfer from BEng to MEng if not eligible for entry to Stage 2, subject to satisfactory performance.

Stage 1

- Electrical Engineering
- Electronics
- Computer Programming
- Embedded Systems

Stages 2 and 3

A choice of modules is offered, including

- Circuits and Control
- Connected Health
- Core of Systems Engineering
- Digital Systems Architecture and Design
- Electrical Power and Energy
- Electrical Power Engineering
- Electronics

- Embedded Systems
- Engineering Entrepreneurship
- High Frequency System Techniques
- Individual Project (BEng)
- Mathematics and Algorithms
- Networks and Communications, Protocols
- Signals and Communications Systems
- Signal Processing and Communications

**MEng (Stage 4)**

This four-year 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.

Stage 4 modules include

- High Frequency Technology and Design
- Individual Project (MEng)
- Intelligent Systems and Control
- MEMS Devices and Technology
- Smart Grids
- Sustainable Energy Systems
- Wireless Communications Systems
- Wireless Sensor Systems

**Entrace Requirements**

**BEng**

- A-level: B, B, B including Mathematics and at least one from Physics (preferred), Biology, Chemistry, Technology and Design, Electronics, Further Mathematics or Double Award Applied Science.

**BTEC Extended Diploma:**

- A relevant BTEC Extended Diploma with 100 credits at Distinction and 40 credits at Merit. Distinctions will be required in stipulated relevant units.
- Note: applicants not offering Physics at A-level should have achievement of a grade B in GCSE Physics or GCSE Double Award Science grades BB.
- Note: MEng applicants will automatically be considered for admission to the MEng if they are eligible for entry to the BEng, both at initial offer-making stage and when results are received.

**Option to Transfer:** Transfers between BEng and MEng are 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: [www.qub.ac.uk/eeecs](http://www.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 application of renewable energy, production of energy crops and industrial or business applications.

This programme aims to provide students with the 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 a partnership with South West College, 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 application of renewable energy, production of energy crops and industrial or business applications.

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.

CAREERS/FURTHER STUDY

Studying for an FdSc in 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.

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

- A-level: C+GCSE Mathematics grade C
- OR
- CD including Biology, Chemistry, Geography, Mathematics or Physics or GCSE Mathematics grade C
- 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

Course information

John Moore / Dr Alberto Longo
Programme Co-ordinators

School of Biological Sciences

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www.qub.ac.uk
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

Optional modules
- Introduction to Creative Writing
- Sounds of the City
- Adventures in Literature and the History of Ideas

Stage 2
Optional modules
- An Introduction to Critical and Cultural Theory
- Mapping the Anglo-Saxon World
- Late Medieval Literature
- Shakespeare and Renaissance Drama
- C18th and Romantic Literature
- Literature and Society 1850-1930
- C18th and Romantic Literature
- Shakespeare and Renaissance Drama
- Late Medieval Literature
- Literature and Society 1850-1930
- American Writing
- Irish Literature
- Patterns of Spoken English
- Language and Power
- History of English Language

Stage 3
Core module
- Dissertation

Optional modules
- Marvels, Monsters and Miracles in Anglo-Saxon England
- Women’s Writing 1600-1820
- Contemporary Irish and Scottish Fiction
- Representing the Working Class
- Televising the Victorians
- Shakespeare on Screen
- Literature and Science in the C19th
- Digital Textuality and the History of the Book
- Literature and the First World War
- We Bring New York 1880-1940
- Contemporary Literature: Poetry and Precariousness in C21st Ireland
- Stevens and Bishop
- Contemporary US Crime Fiction
- Comic Fiction: Fielding to Austen
- Special Topic: Irish Literature
- Speech Worlds: Phonemics and Phonology in Communication
- Theatre: Bringing Language and Literature Together
- The Structure of English

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.

Student Experience
A thriving cultural scene organised by A thriving cultural scene organised by Student Union events (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.

BA Single Honours
English, 3 yrs (Q3080)

BA Joint Honours
Anthropology and English, 3 yrs (Q1363)
Drama and English, 3 yrs (Q3044)
English and Film Studies, 3 yrs (Q1468)
English and French, 4 yrs (Q1091)
English and History, 3 yrs (Q1079) (see page 178)
English and Irish, 3 yrs (Q3056)
English and Linguistics, 3 yrs (Q1979) (see page 178)
English and Philosophy, 3 yrs (Q1035)
English and Politics, 3 yrs (Q3200)

Entrance Requirements
A-level
- ABB including A-level English for Single Honours and Joint Honours with Anthropology, American History, Irish, Linguistics, Philosophy, Political Science 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: www.qub.ac.uk/international/admissions

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 (locally, nationally and internationally) 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 poet
- Stephen Rea, actor
- Helen Madden, writer and actor
- Anna Kelly, journalist and writer
- Annie Mac, radio presenter

Further study:
Further study is also an option open to English graduates. Students can choose from a wide range of Master’s programmes, including:
- MA in English Literary Studies
- MA in Poetry: Creativity and Criticism
- MA in Creative Writing
- MSc in Software Development (conversion course)
- MA in ‘Master of Law’ (conversion course)
- PGCE in Education
- MA in Arts and Humanities (English) – research-led

Queen’s is ranked in the top 100 in the world for English Language and Literature.

(Q6 World Rankings by Subject 2017)

As clichéd as it may be (and though this notion may be shunned in the art of creative writing!), the community of Queen’s English really is one big supportive family. I employ not one ounce of hyperbole when I say that choosing to study English at Queen’s was the greatest decision I ever have (and probably ever will) make in my life.”

Niamh Lundy, Stage 3 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.

Enterance requirements
- A-levels: 96 (English) – research-led
- PGCE in Education
- MA in Arts and Humanities (English) – research-led

Course information
- Dr Stephen Kelly
- School of Arts, English and Languages
- e: s kelly@qub.ac.uk
- t: +44 (0)28 9097 3952
- w: qub.ac.uk/ael

Visit us online:
- w: qub.ac.uk/ael
- e: s.p.kelly@qub.ac.uk
- t: +44 (0)28 9097 3838
- w: admissions@qub.ac.uk

Study at Queen’s
- BA English (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.

Student Union
- A thriving cultural scene organised by Student Union events

School of Arts, English and Languages
- t: +44 (0)28 9097 3838
- e: admissions@qub.ac.uk

Queen’s University Belfast – Undergraduate Prospectus 2019

Queen’s University Belfast – Undergraduate Prospectus 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:
• Introduction to Critical and Cultural Theory
• Mapping the Anglo-Saxon World
• Late Medieval Literature
• Shakespeare and Renaissance Drama
• Celtic and Romani Literature
• Literature and Society 1850-1930
• American Writing
• Irish Literature
• Patterns of Spoken English
• Language and Power
• History of English Language
• Politics and Society in C19th Ireland
• Politics and Society in C20th Ireland
• The Making of Contemporary Britain
• The Making of Modern Britain
• Greece and Macedon 404-338 BC
• Running the Roman Empire (AD 24-41)
• The American South 1865-1898
• The Expansion of Medieval Europe
• The Roman Origins of the East and West 300-800
• Europe between the Wars
• Life, Love and Death in England and Ireland 1530-1650
• History and Society

BA Joint Honours
English and History 3 years (CV19)
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 their 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: qub.ac.uk/EnglishLanguage

WHY QUEEN’S?

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COURSE CONTENT

Stage 1
Core modules
- English in Transition
- English in Context
- Introduction to English Language

Optional modules
- Introduction to Creative Writing
- Sounds of the City
- Adventures in Literature and the History of Ideas

Stage 2
Optional modules
- An Introduction to Critical and Cultural Theory
- Mapping the History of Ideas
- Shakespeare and Renaissance Drama
- Cinematic Language
- Language and Power
- History of English Language

Stage 3
Core module
- Dissertation

Optional modules
- Marvels, Monsters and Miracles in Anglo-Saxon England
- Women’s Writing 1660-1820
- Contemporary Irish and Scottish Fiction
- History of English Language
- Themes in Early Modern English
- Early Modern Fiction
- Poetic Essay
- Linguistic Variation
- Language in the Media
- Language, the Mind and the Brain
- Women’s Writing 1850-1930
- Language in the Media
- Language and Power
- History of English Language

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?

Heritage
English Studies at Queen’s has an extraordinary heritage, as represented by its globally esteemed writers, such as Nobel Laureates Seamus Heaney and Paul Muldoon, and Ciaran Carson, among others. A new generation, such as Poetry Book Society ‘Next Generation Poet’ Dr Leonora Flynn, who also won Forward Prize for Best First Collection, continue a proud tradition.

GLOBAL OPPORTUNITIES

English at Queen’s offers a range of Study Abroad opportunities, provided through schemes such as the Erasmus programme, US-NI Mentorship Program, Study USA, CRCC Asia – China Internship Program, European Voluntary Service, European Movement Ireland’s Grad Jobs in Europe campaign, and INTO China.

INDUSTRY LINKS

We regularly consult and develop links with employers such as BBC Northern Ireland.

CAREERS/FURTHER STUDY

The following is a list of the major career sectors that have attracted our graduates in recent years:
- Publishing, Media and Performing Arts
- Marketing and Public Relations
- Advertising
- Liberal arts
- Fast Stream Civil Service
- Management Consultancy
- 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; Anna Mac, radio presenter

Further study is also an option open to English graduates. Students can choose from a wide range of Master’s programmes, including the MA in English Literary Studies and the MRes in Acts and Humanities (English).

Queen’s is ranked 18th in the UK for Linguistics.

(Times and Sunday Times Good University Guide 2018)
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.

COURSE CONTENT

Stage 1

Core modules
- English in Transition
- English in Context
- Introduction to English Language

Optional Module
- Introduction to Creative Writing
- Sounds of the City
- Adventures in Literature and the History of Ideas

Level 2

Core modules
- Creative Writing Drama
- Creative Writing Poetry
- Creative Writing Prose

Optional modules
- Mapping the Anglo-Saxon World
- Shakespeare and Renaissance Drama
- Irish and Romantic Literature
- Literature and Society 1850-1930
- American Writing
- C18th and Romantic Literature
- Shakespeare and Renaissance Drama
- Late Medieval Literature
- Language and Power
- History of English Language
- An Introduction to Critical and Cultural Theory

Level 3

Core module
- Dissertation

Optional modules
- Marvels, Monsters and Miracles in Anglo-Saxon England
- Women’s Writing 1660-1820
- Contemporary Irish and Scottish Fiction
- Representing the Working Class
- Televising the Victorians
- Shakespeare on Screen
- Literature and Science in the C19th
- Digital Textualities and the History of the Book
- Literature and the First World War
- Writing New York 1880-1940
- Contemporary Literature: Poetry and Precariousness in C21st
- Irish Gothic
- Stevens and Bishop
- Contemporary US Crime Fiction
- Comic Fiction: Fielding to Austen
- Special Topic Irish Literature
- Speech Worlds: Phonetics and Phonology in Communication
- Language in the Media
- Stylistics: Bringing Language and Literature Together
- The Structure of 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

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.

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 with Creative Writing at Queen’s a unique proposition.

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
- Library and Archives
- 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
- Anne Kelly, journalist and writer
- Annie Mac, radio presenter

“English at Queen’s has a fantastic reputation, having taught some of the most famous poets and novelists in the UK.”

Shiraz Engineer, London, England

BA English with Creative Writing Graduate (2012)

Further Study

Further study is also an open option to English with Creative Writing graduates. Students can choose from a wide range of postgraduate programmes, including:
- MA in English Literature Studies
- MA in Media and Broadcast Production
- MA in Poetry, Creativity and Criticism
- MA in Creative Writing
- MSC in Software Development (conversion course)
- MLaw – Master’s in Law (conversion course)
- PGCE in Education
- MIFs in Arts and Humanities (research-led)

Entrance requirements
- admissions@qub.ac.uk
- t: +44 (0)28 9097 3952

Course Information
- 0: Stephen Kelly
- School of Arts, English and Languages
- t: +44 (0)28 9097 3952
- e: admissions@qub.ac.uk
- w: www.qub.ac.uk

5th in UK for Creative Writing (Guardian University Guide 2018)
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 programme is designed to provide students with a good basis for a professional career as a chartered civil engineer. Emphasis is placed on the application of theory to the practical situation 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 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. At the end of Stage 1 all students take part in a week-long residential surveying field course.

**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 Stages 3 and 4.

**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 4**
The MEng is an Integrated Master’s programme, so Stage 4 is set at Master’s 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.

**MEng Honours**
- Environmental and Civil Engineering 4 yrs (H252)
- Environmental and Civil Engineering 5 yrs (BA (H255))
- See also Civil Engineering and Structural Engineering with Architecture

**Entrance Requirements**
**A-level:**
- ABB 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.
- BTEC Extended Diploma:
  - A relevant BTEC Extended Diploma with 160 credits at Distinction and 20 credits at Merit. Distinctions will be required in specified relevant units.
- Note: applicants not offering Physics at A-level should have a minimum of grade B in GCSE Physics or GCSE Double Award Science grades BB.
- 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 but do not wish to progress to Stage 4 when results are received.
- Option to Transfer: transfers between BEng Civil Engineering degree and this MEng degree may be possible at the end of Stage 2.
- For students whose first language is not English:
  - 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: [www.qub.ac.uk/englishlanguage](http://www.qub.ac.uk/englishlanguage)

**WHY QUEEN’S?**
Civil Engineering at Queen’s is an academic partner of the Institution of Civil Engineers and 94.4 per cent of Queen’s graduates are in employment or further study six months after graduation (HESA Destination of Leavers from Higher Education Survey, 2015/16).

**Accreditation:** this degree is accredited as fully satisfying the educational base for a Chartered Engineer (CEng), see [website](http://www.ice.org.uk) for information.

**Placement:** many of our students have also gained international work placement through organisations such as IAESTE.

**CAREERS/FURTHER STUDY**
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.

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.

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 sponsored work experience through the national QUEST Scholarship Scheme. Queen’s is among the top universities in the number of scholarships awarded. 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.

**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

**Course information**
t: +44 (0)28 9097 3838

**Queen’s University Belfast**
Website: [www.qub.ac.uk](http://www.qub.ac.uk)

**School of Natural and Built Environment**
e: snbe@qub.ac.uk

t: +44 (0)28 9097 4006

w: [www.qub.ac.uk/schoolSNBE](http://www.qub.ac.uk/schoolSNBE)
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.

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
• Contemporary Issues in Urban and Rural Planning
• Dynamic Earth
• Environmental Change: Past, Present and Future
• Environmental Management with Professional Studies
• Planning Theory and Society
• Sustaining the Biosphere

Work Placement
• Environmental Management students will complete an optional 16-week degree-related work placement.
• Environmental Management with Professional Studies students will complete a one-year, degree-related work placement.

Stage 2
• Environmental Assessment
• Research Design and Professional Development
• Introduction to Environmental Economics
• Landscapes and Geographical Information Systems
• One of the following:
  • Planning Theory and Society
  • Sustaining the Biosphere

Stage 3
• Business Innovation and Entrepreneurship
• Policies for Environmental Sustainability
• Environmental Management Dissertation
• Spaces of Urbanisation in Emerging Economies and Sustainable Development

One of the following:
• Climate Change: Science, Scenarios and Impacts
• Infrastructure and Transportation Planning

Entrance Requirements

A-level:
• BBB including at least two From Biology, Economics and Geography
  • GCSE Mathematics grade C
  OR
• ABB + GCSE Mathematics grade C.

BTEC Extended Diploma:
• A relevant BTEC Extended Diploma with 120 credits at Distinction and 60 credits at Merit + GCSE Mathematics grade C.
  OR
• Any BTEC Extended Diploma with 120 credits at Distinction and 60 credits at Merit + GCSE Mathematics grade C.

All applicants:
• Certain modules will require GCSE Mathematics 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 
  • An IELTS score of 5.5 in each test component or an equivalent acceptable qualification, details of which are available at go.qub.ac.uk/EnglishLanguageReqs

Graduates will have a knowledge of the physical, social, economic and cultural aspects of environmental management.

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.

Possible careers include environmental management (private and public sectors) and include consultancy and environmental impact assessment with environmental organisations (e.g. RSPB, WWF). Graduates can become Chartered Surveyors. Opportunities also exist within the full range of occupations associated with graduate employment.

WHY QUEEN’S?

Degree Accreditation

The Environmental Management degrees at Queen’s are accredited by the Royal Institution of Chartered Surveyors (RICS).

Work Placement

Compulsory 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.

Multidisciplinary

This is a unique multidisciplinary course shared between two Schools – Biological Sciences and Natural and Built Environment.

Interactive Teaching

The course includes ‘Dragons’ Den’ presentations to external experts in the final year for the module Business Innovation and Entrepreneurship. Planning and Geography modules host guest lectures from business practitioners. Site visits are an important component of many modules, including Environmental Management, Environmental Assessment, Policies for Environmental Sustainability, Dynamic Earth and Environmental Change.

Economies and Sustainable Development, and PhD programmes in Ecosystem Biology and Sustainability.

As part of my degree in Environmental Management, I was offered a one-year placement with RPS, a leading multidisciplinary engineering and environmental consultancy. During this time I worked on important projects and gained practical skills in report writing, Environmental Impact Assessment (EIA), field surveys and Geographical Information Systems (GIS). Following completion of my undergraduate degree I was offered a full-time position as a Graduate Scientist with RPS Group, before being promoted to Senior Scientist.”

Francis Mackin, Environmental Management Graduate

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
• Nestle
• Replace Waste Management - RSPB

Further Study

Graduates from this course have continued into further education, studying MSc programmes in Environmental Management and Conservation Biology, Leadership for Sustainable (Rural) Development, and PhD programmes in Ecosystem Biology and Sustainability.

Potential careers include environmental management (private and public sectors) and include consultancy and environmental impact assessment with environmental organisations (e.g. RSPB, WWF). Graduates can become Chartered Surveyors. Opportunities also exist within the full range of occupations associated with graduate employment.

Entrance requirements

• A level (120 credits at Distinction and 80 credits at Merit + GCSE Mathematics grade C)
• Any BTEC Extended Diploma with 120 credits at Distinction and 60 credits at Merit + GCSE Mathematics grade C.
• A relevant BTEC Extended Diploma with 120 credits at Distinction and 60 credits at Merit + GCSE Mathematics grade C.

All applicants:
• Certain modules will require GCSE Mathematics 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

Degree Accreditation

The Environmental Management degrees at Queen’s are accredited by the Royal Institution of Chartered Surveyors (RICS).

Work Placement

Compulsory 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.

Multidisciplinary

This is a unique multidisciplinary course shared between two Schools – Biological Sciences and Natural and Built Environment.

Interactive Teaching

The course includes ‘Dragons’ Den’ presentations to external experts in the final year for the module Business Innovation and Entrepreneurship. Planning and Geography modules host guest lectures from business practitioners. Site visits are an important component of many modules, including Environmental Management, Environmental Assessment, Policies for Environmental Sustainability, Dynamic Earth and Environmental Change.

Economies and Sustainable Development, and PhD programmes in Ecosystem Biology and Sustainability.

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Francis Mackin, Environmental Management Graduate

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 in Planning, Environment and Development degree 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, including specialised language training.

The degree includes fieldwork in Stages 1–3, including field studies in Europe during Stage 3 (recent destinations have included Amsterdam, Barcelona and Krakow). The fourth year is spent at a partner university in Europe. We currently have partners in Sweden, the Netherlands 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 Context of Planning Practice

Stage 2
- Site Layout and Design
- Theory and Practice of Development Management
- Planning Theory and Society
- Planning and Climate Change
- Economy and Space
- Theory and Practice of Spatial Planning Policy

Stage 3
- Planning Practice Field Study
- Comparative Planning Studies
- Themes in European Planning
- Legal Studies in Planning
- Environmental Planning Perspectives
- Researching European Planning
- Infrastructure and Transportation Planning
- Conservation of the Built Environment

Stage 4
- Advanced European Planning Studies (i)
- Advanced European Planning Studies (ii)
- Independent Research Project in European Planning
- Work-based Study in European Planning Practice

WHY QUEEN’S?

Unique: This degree is unique in the UK in that it offers a four-year combined programme in planning, linked to specialisation in European Planning.

Ranking: Planning at Queen’s is ranked 5th in the UK in the Times and Sunday Times Good University Guide 2018 and 4th in the Guardian University Guide 2018.

Accreditation: This degree is accredited by both the Royal Institution of Chartered Surveyors (RICS) and the Royal Town Planning Institute (RTPI).

Placement: Students have the opportunity to gain work experience in another European country in the fourth year as part of the Erasmus programme. This provides a unique opportunity to develop strong relationships with internationally renowned planning offices and consultancy companies and provides participating students with skills that are rarely developed by other planning courses.

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, 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 advisors 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 (MPhil and 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.

94% of Planning students at Queen’s are satisfied with their course, ranking us joint 3rd in the UK.

(National Student Survey 2017)

Lucia Devon, Bangor, Northern Ireland
3rd Year, MPlan European Planning

“This MPlan offered the chance to study and live in Stockholm and opened the door to working abroad after graduation. If you are interested in understanding first-hand the dynamics of sustainable European cities and would like the opportunity to study abroad for a year, then this is the course for you.”

Entrance requirements
- A-level: ABB + GCSE Mathematics grade C
- BTEC Extended Diploma: DDD + at Distinction and 60 credits at Merit + GCSE Mathematics grade C
- 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

See also BSc in Planning, Environment and Development

Entrance Requirements
A-level: ABB + GCSE Mathematics grade C
BTEC Extended Diploma: A BTEC Extended Diploma with 120 credits at Distinction and 60 credits at Merit + GCSE Mathematics grade C
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

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Queen’s University Belfast – Undergraduate Prospectus 2019 183
FILM AND THEATRE MAKING

The BA in Film and Theatre Making combines the strengths of Queen's highly regarded Film (ranked 12th in the Guardian University Guide 2018) 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:

Level 1
- Practical Theatre 1
- Introduction to Film Practice
- Performance Analysis
- Introduction to Film Studies 1
- Film Editing

Level 2
- Practical Theatre 2
- American Drama
- Cinematography
- Experimental Practice
- Hollywood Cinema 1

Level 3
- Advanced Film Practice 1
- Advanced Film Practice 2
- Dance Theatre
- Theory and Practice of Adaptation
- Contemporary Cinema

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 100-seat Brian Friel Theatre (with full lighting and sound facilities) and studio rehearsal space.

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:
- Editor at Fifty Fifty Productions, London
- Festival Director at Belfast Film Festival
- Camera Department for HBO
- On-set VFX Supervisor for HBO
- Professional actors and directors for the stage
- Production Trainee at BBC
- Researcher at BBC NI

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

Queens’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.

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.

“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.”

Kevin McCluskey, BA, MA, PhD in Drama

Dr Kurt Taroff, Lecturer in Drama

Queen’s University Belfast – Undergraduate Prospectus 2019
FILM STUDIES AND PRODUCTION

The Film Studies and Production degree aims to introduce students to the widest possible experience of filmmaking and film culture through the integration of film production and critical thinking. Film degrees at Queen’s were ranked 12th in the 2018 Guardian League Tables.

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 Levels 2 and 3. The modules will typically include:

Year 1
• Introduction to Film Studies 1*
• Introduction to Film Practice* 
• Editing for Film and Television*
• Introduction to Film Practice 2*
• Visual Studies: Theory and Practice

Year 2
• Compulsory
   • Cinematography
   • Screenwriting

Optional
• Experimental Practice
• Film Authorship
• Documentary Film
• Film and Music

Year 3
• Compulsory
   • Advanced Film Practice 1*
   • Advanced Film Practice 2*
   • Work Placement
   • Dissertation
   • Film and Music
   • Cinema and Postmodernism
   • British Film and Cinema:
     Decades and Debates
   • Contemporary Cinema
   • Hollywood Cinema 2

*Indicates compulsory module

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 Strang 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 media production companies (including practice-based research).

Global Opportunities
You will have the opportunity to apply to study abroad for a semester through student exchange on this degree in Europe or North America. The School has links with a number of international institutions including Universiteit Utrecht and University of Groningen.

Queen’s Film Studies has a 96 per cent student satisfaction rate, ranked joint 2nd in the UK. (National Student Survey 2017)

BA Honours
Film Studies and Production 3 yrs (W903)

See also Film and Theatre Making

Entrance Requirements

A-level: 2021
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: https://www.qub.ac.uk/aap/admissions/rightsinformation

World-Class Facilities

Our 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 Film 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 Level 3.

CAREERS/FURTHER STUDY

Fильм, 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 can lead to a wide range of careers in education, training and arts administration as well as postgraduate study. Our graduates include:

- Claire Campbell (Researcher, BBC NI)
- Daniel McCabe (Production Trainee, UTV)
- Niall McEvoy (on set VFX supervisor, HBO, Game of Thrones)
- Grace Sweeney (Camera Department, HBO, Game of Thrones)
- Michele Devlin (Director of the Belfast Film Festival)
- Daniel McCabe, BA Film Studies Graduate (2011) Currently Sound Trainee at HBO (Game of Thrones)

“I would recommend the course to anyone aiming towards a career in the creative industries, as well as anyone looking to learn from highly-experienced staff.”

Daniel McCabe, Ballynahinch, Northern Ireland
BA Film Studies Graduate (2011) Currently Sound Trainee at HBO (Game of Thrones)

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

Course information
Dr Des O’Rawe, Lecturer in Film Studies
School of Arts, English and Languages
e: d.orawe@qub.ac.uk
 t: +44 (0)28 9097 3838
w: qub.ac.uk/ael

“Decades and Debates” Lecture in Film Studies

Queen’s University Belfast – Undergraduate Prospectus 2019
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 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; First Derivatives; Goldman Sachs; HSBC; Kerr Henderson; KPMG; Mercer Pts; 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 here.

“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

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 nine to 12-month placement within a financial institution. These placements are usually in Belfast, Dublin, Glasgow or London. Example placements include Morgan Stanley, Goldman Sachs, Bank of England and KPMG. The placement year provides students with excellent experience and connections, and gives students 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 a student satisfaction rate of 91 per cent in the most recent National Student Survey (2017).

Prizes and Awards

Top-performing students are regularly awarded prizes and scholarships from leading financial companies, eg Morgan Stanley, KPMG, Ulster Bank and Citi.

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
- Price Theory
- Mathematics for Finance
- Introduction to Economics
- 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

- Capital Markets
- Corporate Finance
- Financial Econometrics
- Financial Engineering
- Fixed Income Instruments
- International Finance

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 degree at Queen’s will gain the skills and knowledge that are needed to succeed in the financial industry. Integral to the BSc Finance programme is the placement year with a financial institution. A dedicated placement team ensures that students are well prepared for placement and obtain positions which are of the highest quality.

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 nine to 12-month placement within a financial institution. These placements are usually in Belfast, Dublin, Glasgow or London. Example placements include Morgan Stanley, Goldman Sachs, Bank of England and KPMG. The placement year provides students with excellent experience and connections, and gives students a competitive edge when seeking graduate employment.

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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 a student satisfaction rate of 91 per cent in the most recent National Student Survey (2017).

Prizes and Awards

Top-performing students are regularly awarded prizes and scholarships from leading financial companies, eg Morgan Stanley, KPMG, Ulster Bank and Citi.

Entrance Requirements

A-level:

- ABB including Mathematics
- 80 UCAS points with a minimum of 45 in each test component or an equivalent acceptable qualification, details of which are available at: go.qub.ac.uk/internationalentryrequirements

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 here.

“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
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 interrelationship 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, Quality, Safety, Supply Chain, Technology, Vitamins and Nutrition.

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
- 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
  - 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’.

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.

BSc Honours

- Food Quality, Safety and Nutrition with Professional Studies 4-yr SW (BD6K)

MSci Honour

- Food Quality, Safety and Nutrition 4-yr SW (BD64)
- Food Quality, Safety and Nutrition with Professional Studies 5-yr SW (BD64)

Entrance Requirements

- BSc: BBB including Biology and Chemistry or GCSE grades C.
- MSci: OR
  - BBB including Biology and either Home Economics or Nutrition and Food Science or GCSE Chemistry grade C or GCSE Double Award Science grades CC + GCSE Mathematics grade C.
  - OR
  - BBB including Chemistry and either Home Economics or Nutrition and Food Science or GCSE Biology grade C or GCSE Double Award Science grades CC + GCSE Mathematics grade C.

BTEC Extended Diploma

A relevant Food Science/Food Technology BTEC Extended Diploma with 140 credits at Distinction and 40 credits at Merit + GCSE Biology and Chemistry grade C or GCSE Double Award Science grades CC + GCSE Mathematics grade C.

Note: BTEC Extended Diploma will automatically be considered for admission to the BSc if they are not eligible for entry to the MSci both at retail offermaking stage and when results are received.

For students whose first language is not English

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

CAREERS/FURTHER STUDY

Many companies provide support for the course and students through repeatedly offering 16-week work placements. A number of such placements lead to employment for the students when they graduate.

For many students this is the most important aspect of the degree, enabling them to experience the types of job which are available on graduation and through the preparation of CVs, interviews, etc, ensuring they are well prepared for the job market.

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-week work placements. A number of such placements lead to employment for the students when they graduate.

“...intrigued to learn more about Food Quality as I had an interest in working in the area of food, particularly within the area of Nutrition. I would really recommend this course at Queen’s as it has given me the opportunity to learn so much…”

Geraldine Renaghan, BSc (Hons) Food Quality, Safety and Nutrition, School of Biological Sciences.
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 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.

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

**Stage 3**
- Research, 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 Bioanalytics
- MSci Research Project

**MSci**

Queen’s Food Science and Food Security BSc (Hons) (5 years) (991)

Queen’s Food Science and Food Security with Professional Studies 5 year (597)

See also Food Safety, Quality and Nutrition

**Entrance Requirements**

A-level:
- AAB including Biology and Chemistry
- OR
- ABB including Biology and one other Science at grade C

A-level (non-Science subjects)
- AAA including Biology or Chemistry and one other A-level subject at grade C
- OR
- AAB including any two A-level subjects at grade C

**BTec Extended Diploma**
- Extended Diploma in Food Science
- Extended Diploma in Food Science + double A-grade in Distinction and 40 credits in Merit

**GCE GCSE**
- Double Award Science C or GCSE Double Award Science C or GCSE Double Award Science C

**Entry Requirements**

A-level:
- ABB including Biology and Chemistry
- OR
- ABB including Biology and one other Science at grade C

A-level (non-Science subjects)
- AAA including Biology or Chemistry and one other A-level subject at grade C
- OR
- AAB including any two A-level subjects at grade C

**BTec Extended Diploma**
- Extended Diploma in Food Science
- Extended Diploma in Food Science + double A-grade in Distinction and 40 credits in Merit

**GCE GCSE**
- Double Award Science C or GCSE Double Award Science C or GCSE Double Award Science C

**Note:** MSci applicants will automatically be considered for admission to the BSc Food Science, 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:**
- Transfer between BSc and MSci may be possible at 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.

**Why Queen’s?**

**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.

Our past students have also gained work placement with organisations such as Sainsbury’s, Marks & Spencer, Kerry Group, Kraft Foods, Myo 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.

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 its 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 - food technologist
- Food industry - quality management
- Charities – health promotion
- Nutrition - assistant dietitian in a hospital trusts
- 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 Myo Park and Sainsbury’s to many local companies such as Irwin’s and Tayto.

**Queen’s Food Science is ranked 5th in the UK (Times and Sunday Times Good University Guide 2018).**

This unique Food Science qualification combines BSc and Master’s-level study and allows students to develop subject to a high level, experiencing cutting-edge technologies involved in food research.

The degree also offers opportunities for additional laboratory training and experience, for example summer scholarships.

**Entrance requirements**

- A-level: 5.5 in each test component or an equivalent acceptable qualification, details of which are available at: go.qub.ac.uk/EnglishLanguageReqs
- OR
- A-level: 5.5 in each test component or an equivalent acceptable qualification, details of which are available at: go.qub.ac.uk/EnglishLanguageReqs

**Course information**

- Dr Brian Green
- Programme Co-ordinator
- School of Biological Sciences / Institute for Global Food Security
- e: biosciences-qub@qub.ac.uk
- T: +44 (0)28 9097 5785

**Contact Information**

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

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French at Queen’s reflects the dynamics and cultural variety 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**

**Level 1**
- Core Module: French Language 1 OR Intermediate French 1 OR Beginners’ French 1
- Introduction to French Studies

**Level 2**
- Core Module: French Language 2

**Optional Modules**
- Myth and Biography in Recent French Fiction
- French Noir
- Linguistic Variation in French
- Modern Autobiography
- Sociolinguistics

**Level 3**
- Core Module: French Studies 3
- Options: 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

**Optional Modules**
- 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 Reunion). 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 and well-known authors in the French and Francophone world, with particular expertise in visual culture, linguistics, popular culture, medical humanities and postcolonial writing. 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).

**Entrance Requirements**

- Post-A-Level: ABB including A-Level French.
- Note: For applicants who have not studied at least French B at A-level French grade B would be acceptable in lieu of A-Level French.
- Beginners’ level: ACC or CSE French grade B or above in subsidiary language in ability-language in another ability.
- Note: The Beginners’ option is not available to those holding Level 1.

**All applicants:**

If you plan to study French as a Joint Honours degree or as part of a BSc LLB BSc 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 text component or an equivalent accredited qualification is required. More information available at: mml.qub.ac.uk/admissions#international-requirements.

**Student Experience**

Students run a lively French Society and staff offer support on the 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 Level 1, we have a range of endowed prizes. The AN Troughton Award and The Samuel and Sarah Fergusson Prize recognise academic achievement at Levels 1 and 2. The Chris Shelton Prize rewards the best performance in the Language exam in Level 3, and the Richard Bates Prize is awarded to the student with the highest mark in an optional module in Level 3. Students of both languages receive a certificate of distinction for first class performance in the Level 3 oral.

**Careers/Further Study**

- Typical careers pursued by our graduates include business, media and communications, marketing, advertising, publishing, education/translation, interpreting, PR, journalism, tourism, Past Stream Civil Service, 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.
- Eighty-eight 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 Service, from the Irish News to the European Service, from the Irish News to the European Service, from the Irish News to the European Service, from the Irish News to the European Service, from the Irish News to the European Service, from the Irish News to the European Service, from the Irish News to the Irish News. 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 employer's including, for example, Santander and the British Council.

**Placement Employers**

Our past students have also gained work placements with organisations such as the British Council, Mandarin Partners Programme.

**Further Study**

Further study is also an option open to French graduates. Students can continue to our MA/LLB programmes, 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.

“As part of the BA in French, you learn skills that are invaluable in the workplace. Writing and delivering presentations; building working relationships and teaching classes in a foreign country; organising events; working to set deadlines and using critical analysis – all experiences and abilities I have carried with me into employment.”

Robert Anley, BA French (2009)

Assistant producer, UTV

“...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.”

Maolíosa McGarry, Level 3 student
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

Level 1
In French, students must take TWO modules at Level 1 – students must take the core and one optional which can be taken either semester. In Spanish, students must also take TWO modules at Level 1 – students must take the core and one optional which can be taken either semester.

Core Modules
• French 1
• French for Beginners

Optional Modules
• Myth and Biography in Recent French Fiction
• French Noir
• Linguistic Variation in French
• Modern Autobiography
• Issues and Cultures of the US-Mexico borders
• Afterlives: Rogues and Mystics of the Spanish Golden Age
• Spanish Memories and Autobiographies
• The Fantastic in Latin America
• Year Abroad Modules
• Working and Studying Abroad (French)
• International Placement: Languages Year Abroad (French)
• International Placement: Languages Year Abroad (Spanish)

Level 2
In French, students must take TWO modules at Level 2 – students must take the core and one optional which can be taken either semester. In Spanish, students must also take TWO modules at Level 2 – 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
• The Structure of Modern French
• Re-creating Love in the Renaissance
• Identity, Sex and Society in Post-Revolutionary Cuba
• PaleodRomances of Latin American Literature
• Imperfect Heroines: Spanish Fiction in the 19th and 20th centuries

BA Joint Honours
French and Spanish 4 yrs (BRR4)

Post A-level French:
AAB 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 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:
AAB 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 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 on: qub.ac.uk/for foreign students

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.

Eighty-eight per cent of our graduates in employment or further study within six months of graduation. Starting salaries are in the region of £27,900. They are employed in a range of organisations, including media, print journalism, translating, marketing, local government, fast-stream Civil Service, tourism, travel, including media, print journalism, translating, marketing, local government, fast-stream Civil Service, tourism, travel, including media, print journalism, translating, marketing, local government, fast-stream Civil Service, tourism, travel, including media, print journalism, translating, marketing, local government, fast-stream Civil Service, tourism, travel, including media, print journalism, translating, marketing, local government, fast-stream Civil Service, tourism, travel, including media, print journalism, translating, marketing, local government, fast-stream Civil Service, tourism, travel. Our past students have also gained work placements with organisations such as the British Council, the IT provision more generally is excellent.

World-Class Facilities
London and Spanish linguists at Queen’s were ranked 5th in the UK (Times Higher Education rankings based on REF 2014). French at Queen’s is ranked 14th in UK (Times and Sunday Times Good University Guide 2018) and 17th in the Complete University Guide 2018. Modern Languages at Queen’s are ranked in the top 200 in the world (QS World Rankings by Subject 2017).

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 14th in UK (Times and Sunday Times Good University Guide 2018) and 17th in the Complete University Guide 2018. Modern Languages at Queen’s are ranked in the top 200 in the world (QS World Rankings by Subject 2017).

“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 14th in UK (Times and Sunday Times Good University Guide 2018) and 17th in the Complete University Guide 2018.
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 take a foundation year of Human and Physical Geography modules:
- Dynamic Earth
- Human Geographies of the Modern World
- Processes and Principles of Physical Geography
- Spaces of Development

Modules are delivered through combinations of lectures, tutorials, practical classes and field work. They provide an introduction to the subject and analysis of the connections between global, regional and local scales. Associated essays, practicals and research projects contribute to the overall assessment.

Stage 2

Single Honours students take core modules that explore contemporary approaches to geographical inquiry, the acquisition and analysis of geographical information, research design, and professional practice. Students also select options from a range of aspects of human and physical geography. These include modules on sustaining the biosphere, climate and earth surface processes, political and cultural geography, maps and mappings, and international field work. The latter includes participating in overseas residential field-based research projects, such as the ones we currently run in Iceland, Malta and Montenegro.

Stage 3

An element of independent study is required at Stage 3, where students carry out a supervised research project on a topic that interests them (the dissertation). Students also select other specialised modules, which vary from year to year, but may include:
- Advanced GIS
- Arid Environments
- Climate Change
- Environmental Geopolitics
- Geofencing
- Geographies of Contested Territories
- Geographies of Global Finance
- Geographies of War and Public Memory
- Geography, Science and Society
- Sea-Level Change: Past, Present and Future
- Spaces of Urbanisation in Emerging Economies
- Geography at Work (employer-based research projects)

Why Queen’s?

We also offer a variety of opportunities to study abroad in the EU, USA, Canada and Australia. In addition students enrolled in the Geography with a Language programme spend a year studying Geography at a French or Spanish university.

Professional Accreditation

Our BSc Single Honours programme in Geography has been accredited by the Royal Geographical Society (with IBG). Accredited degree programmes contain a solid academic foundation in geographical knowledge and skills, and prepare graduates to address the needs of the world beyond higher education. The accreditation criteria require evidence that graduates from accredited programmes meet defined sets of learning outcomes, including subject knowledge, technical ability and transferable skills.

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 wider 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 a number 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.

The importance we attach to building relationships with employers is also illustrated by our Stage 3 Geography at Work module. This highly vocational module centres on undertaking employer-led research projects. This initiative has proven of great benefit to our students, employers in the region and the quality of our degree. Past students have worked on projects for organisations such as the Marble Arch Caves Geopark, the Ulster Wildlife Trust, Land and Property Services, the National Trust, the PSNI and the Belfast Hills Partnership.

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.
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

Modules at Level 2 are generally survey courses 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

Dissemination (optional)

Plus a choice of four modules.

Examples include:
- The Ancient City
- The Rise of Christianity
- Kings, Courts, and Culture in Carolingian Europe
- The Peasants’ Revolt, 1381
- The British Republic, 1649–1660
- Presbyterianism in Ulster, 1690–1840
- The American Civil War and Reconstruction
- Working-Class Communities in the United Kingdom
- The Irish Revolution
- Thatcher’s Britain
- Working-Class Communities
- Presbyterians in Ulster, 1690–1840
- The British Republic, 1649–1660
- The Peasants’ Revolt, 1381

BA Single Honours

HISTORY 3 yrs (V400)

BA Joint Honours

Anthropology and History 3 yrs (V119) (see page 104)
- Archeology and History 3 yrs (V447)
- English and History 3 yrs (V319)
- French and History 3 yrs (V616)
- History and International Studies 3 yrs (LX01)
- History and Irish 3 yrs (V801)
- History and Philosophy 3 yrs (V516)
- History and Politics 3 yrs (V412)
- History and Sociology 3 yrs (V119)
- History and Spanish 4 yrs (V444)

Entrance Requirements

A-level:
- ABB for Single Honours and Joint Honours with Anthropology, English, French, International Studies, Philosophy, Irish, 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 will need to meet the subject requirements for the other course.

For students whose first language is not English

An ELTS score of 6.5 with a minimum of 5.5 in each test component or an equivalent acceptable qualification. Further information is available at: go.qub.ac.uk/EnglishLanguageReqs

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 University (Denmark)
- College of Charleston (South Carolina, USA)
- Institut d’Études 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 (the Irish Studies Summer School and the Conflict Transformation and Social Justice Summer School)

Top Ranking

History at Queen’s is ranked in the top 150 in the world (QS World Rankings by Subject, 2017).

BA Single Honours

History 3 yrs (V400)

BA Joint Honours

Anthropology and History 3 yrs (V119) (see page 104)
- Archeology and History 3 yrs (V447)
- English and History 3 yrs (V319)
- French and History 3 yrs (V616)
- History and International Studies 3 yrs (LX01)
- History and Irish 3 yrs (V801)
- History and Philosophy 3 yrs (V516)
- History and Politics 3 yrs (V412)
- History and Sociology 3 yrs (V119)
- History and Spanish 4 yrs (V444)

Research-led Teaching

The 2014 Research Excellence Framework (REF) confirmed that History at Queen’s is producing world-leading or internationally excellent research, placing Queen’s in the top 10 of UK history departments (Times Higher Education rankings based on REF 2014).

The School hosts many research seminars, conferences and lectures, including the annual highlight of the Wiles lecture series.

CAREERS/FURTHER STUDY

Skills to Enhance Employability

Studying for a 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.

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 recent survey of graduates six months after graduation reveals that Queen’s graduates from History have 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.

Many others went on to further study, not only in History MAs, but also MSc Management, MSc Software Development, PGCE History, PGCE Primary, MA Legal Science, MA Legislative Studies and Practice, MSc Dating and Chronology, and MA International Relations.

“At Queen’s History I learned to think critically, to inquire and to positively question subject matter. It opened my mind to future study outside the academic world, as I joined PricewaterhouseCoopers (PwC). I subsequently went on to become a Finance Director with a US multinational corporation, having lived in England, USA, France and now Switzerland.”

David J Elliott, BA History

Further Study

Further study is also an option; information on Master’s programmes and research topics is available from the School website.

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: sq.science.qub.ac.uk

David J Elliott, BA History

e: happ@qub.ac.uk

t: +44 (0)28 9097 5028

w: sq.science.qub.ac.uk
COURSE CONTENT

The Joint Honours History and International Studies degree comprises compulsory modules together with optional modules. Students will choose three modules from each subject totaling six modules for the year. The modules are:

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.

Year 3

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 increasingly use of web-based learning.

INTERNATIONAL STUDIES

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:

- American Politics
- Deeply Divided Societies
- International Organisations
- International Relations
- Politics and Policies of the EU
- Security and Terrorism
- British politics in crisis?

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 East, 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 some of these options are subject to staff availability.

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.

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 Studies.

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

www.qub.ac.uk/happ

BA Joint Honours

History and International Studies 3 yrs (EU21)

See also History.
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 are:

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:

- Thatcher’s Britain
- The Irish Revolution
- Presbyterians in Ulster, 1690-1840
- The Peasants’ Revolt 1381

Year 3
Taught modules at Level 3 are more specialised, offering the opportunity to study a short period or a particular region over a fairly long time span.

Examples include:

- Alexander the Great
- European Between the Wars
- Nineteenth-Century Ireland
- The American South, 1619-1865

In addition, Joint Honours students at Level 3 complete a double module dissertation based on an individually assigned research topic 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 modules

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 (V12)

See also Anthropology and History, History, History and International Studies, International Politics 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

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 150 departments in the world for these subjects in 2017.

Student Experience

Our unique 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 introduction to new students.

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 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.

Entrance requirements

e: admissions@qub.ac.uk

Phone: +44 (0)28 9097 3838

Course Information

School of History, Anthropology, Philosophy and Politics

e: happs@qub.ac.uk

Phone: +44 (0)28 9097 5028

w: qub.ac.uk/happ
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 Science. Specialist subject areas which can be studied in detail include Pharmacology, Topographical Anatomy, Exercise and Applied Physiology, Developmental Studies, Embryology, Neuroscience and Science Communication. 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
- Pharmacology and Therapeutics

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 the overall degree performances. This includes prizes awarded from the professional bodies (Physiological Society, Pharmacological Society).

World-Class Facilities

The School has excellent research facilities as well as strong links with clinical departments, including a human dissection lab to aid teaching on this course.

Internationally Renowned Experts

Our academic staff combine enthusiastic teaching with world-class research in the Biomedical Sciences.

Entrance Requirements

Biochemistry

A-level:
- AB in any two subjects in Biology/Human Biology and Chemistry
- GCSE Mathematics grade C
- OR

A level (Human Biology or Chemistry)
- A level 2 subject at B grade
- GCSE Biology and Chemistry grade C
- GCSE Double Award Science grades
- CC + GCSE Mathematics grade C

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 language test is required.

Further Study

Graduates have gone into areas such as Medicine, Dentistry, Computer Science, Teaching, and PhDs in various research areas.

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.

Placement Links

Our students may apply for one-year USA research laboratory internships, during which the student lives and works within an active research laboratory, usually in the University of Reno or University of Vermont. Some students have been offered a PhD place in the US on completion of their degree. A number of summer studentships within our Research Centres are competitively available, providing valuable research and laboratory experience.

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.

Graduates have gone into areas such as Medicine, Dentistry, Computer Science, Teaching, and PhDs in various research areas.
Being successful in business today requires the development of leaders with a global mindset. All organisations are now operating in a competitive global marketplace, seeking to expand and develop their business 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.

### Course Content

This four-year BSc Honours degree in International Business with a Language is delivered by the 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 (Intermediate)
- Mandarin Chinese (Beginners)
- Portuguese (Beginners)
- Spanish (Beginners, Intermediate and Advanced)

In each of years one, two and four, students complete a range of management-related modules and a year-long language module. In year three, students undertake a minimum of nine months work placement in France, Spain, Portugal, Germany or China, as appropriate.

#### Stage 1

**Stage 1** - the first year of the programme gives students a grounding in International Strategy and Applied International Business, as well as optional modules in Business Ethics, Innovation and Entrepreneurship. An applied focus will be incorporated through start-up projects, company tours and case studies.

#### WHY QUEEN’S?

**Placement**

Year 3 is spent abroad on a compulsory international work placement in a region of the globe where the language being studied is the dominant tongue. 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.

#### BSc Honours

- **International Business with French 4 yrs (N1R4)**
- **International Business with German 4 yrs (N1R2)**
- **International Business with Mandarin Chinese 4 yrs (N1R3)**
- **International Business with Portuguese 4 yrs (N1R5)**
- **International Business with Spanish 4 yrs (N1R1)**

#### Entrance Requirements

**A-level**:
- ABB + GCSE Mathematics grade B
- **For French option:** normally A-level French grade B or AS-level French grade B or GCSE French grade B or evidence of linguistic ability in another language.
- **For German option:** normally A-level German grade B or AS-level German grade B.
- **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 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 or evidence of linguistic ability in another language.

Note: If the language is studied at a higher level in the grade required at the level must be achieved.

For students whose first language is English:
- An EBLS score of 5.5 or a minimum of 5.5 in each test component or an equivalent acceptable qualification; details of which are available at: [http://www.qub.ac.uk/EnglishLanguages](http://www.qub.ac.uk/EnglishLanguages).
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:

- American Politics
- Deeply Divided Societies
- International Organisations
- International Relations
- Politics and Policies of the EU
- Security and Terrorism
- British Politics in Crisis?

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 Yvonne Connolly is an internationally recognised expert in the politics of gender. She was a member of an Independent Commission of Inquiry on The Consequences of Devolution for the UK House of Commons (the McKay Commission) in 2013.
- 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 Prineas is an expert on EU Treaty reform and EU enlargement, which led to his secondment as an adviser to the UK's Foreign and Commonwealth Office.

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.

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 (the Irish Studies Summer School, and the Conflict Transformation and Social Justice Summer School)

WHY QUEEN'S?
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World-Class Facilities
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- Institute of Cognition and Culture
- Institute of Irish Studies
- Two International Summer Schools (the Irish Studies Summer School, and the Conflict Transformation and Social Justice Summer School)

BA Single Honours
- International Politics and Conflict Studies (3 yrs [LO1])
- BA Joint Honours
- French and International Studies 4 yrs (GLC)
- History and International Studies 3 yrs (GLO)
- International Studies and Irish 3 yrs (LOP)
- International Politics and Spanish 3 yrs (LSP)
- International Studies and Spanish 4 yrs (LSP)

Note: for Joint Honours options the title of the degree is ‘International Studies’

Entrance Requirements
A-level:
- ABB
- All applicants:
  - There are no specific subject requirements to study International Politics 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

Skills to Enhance Employability
Students are encouraged to take part in volunteering, and can choose from a wide range of Master’s and research programmes; see the School website for further information.

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 Politics 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 deolved 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 Ombudsmans Office, or BBC Northern Ireland.

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.

"I chose to study at Queen’s because of the unique course and setting. To be able to study Conflict Studies in a post-conflict setting was fascinating and provided a unique insight into my subject area. 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. Over the years it really allowed me to explore the areas of international politics that I really enjoyed. The lecturers were world class and always had the time to discuss ideas and indulge our intellectual curiosity."

Amy Keegan, BA International Politics and Conflict Studies
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

Level 1
• Gaelige 1* (double module)
• The Irish Folk Tradition
• Celtic Mythology
• Introduction to Modern Irish Literature

Students choose their fifth and sixth modules from an agreed list.

Level 2
• Irish Writing and the Short Story
• Irish Film Studies
• Skills in Irish Translation
• Irish Poetic Tradition 1650-1850
• Scottish Gaelic Language

Level 3
• Gaeilge 2* (double module)
• Modern Irish Poetry
• The Irish Folk Tradition
• Introduction to Modern Irish Literature

Students must choose all modules from a specified range of modules.

Level 4
• Dissertation (double module)

Modules from an agreed list.

Students choose their fifth and sixth modules from an agreed list.

Level 5
• Modern Irish Poetry
• The Irish Folk Tradition
• Gaeilge 1* (double module)

Entry 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.

If you plan to study Irish as a Joint Honours degree you should also refer to the subject requirements for the other course.

Entrance Requirements

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

Career Opportunities

Typical Careers

Careers include teaching, language development, translating, management, TV presenting, production, writing, researching, business, management consultancy and software development.

Eighty-eight per cent of our graduates are in employment or further study within six 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 (2017)

Queen’s is ranked 4th in the UK for Celtic Studies.

(Times and Sunday Times Good University Guide 2018)

Entrance requirements

e: admissions@qub.ac.uk
T: +44 (0)28 9097 3717

Course Information

Michael O’Mannix
School of Arts, English and Languages

e: m.ommenin@qub.ac.uk
T: +44 (0)28 9097 3707
w: qub.ac.uk/ael
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 a Qualifying Law Degree. 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
• European Constitutional Law
• European Internal Market Law
• Constitutional Law in Context
• Rights and Accountability
• Legal Methods and Skills
• Criminal Law

Stage 2
• Contract Law
• Equity
• Introduction to the Law of Torts
• Contemporary issues in Property Law
• Contemporary issues in the Law of Obligations
• Land Law

Stage 3
• Dissertation

Four Optional Modules selected from the list below*
• Business and Human Rights
• Clinical Law
• Company Law and Corporate Governance
• Competition Law
• Contemporary issues in British and Irish Human Rights
• Criminal Liability
• Criminology: Theory and Practice
• Employment Law
• Environmental Law
• Evidence
• Financial Law
• Global Business Law and Regulation
• Intellectual Property Law
• International Criminal and Transitional Justice
• International Economic Law
• International Humanitarian Law
• International Trade Law
• Law of the Home
• Legal Theory
• Public International Law
• Regulating Commercial Sex
• Remedies in Private Law
• Research Project B
• Reshaping the NI Constitution: The Transition from Conflict to Consensus
• Sentenceing
• Trade Marks, Merchandising and Unfair Competition
* 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?

Accreditation
All of the undergraduate Law degrees offered at Queen’s are recognised qualifying law degrees, which means that they are accredited by legal professional bodies in Northern Ireland, England and Wales and the Republic of Ireland. This means that the degree covers those subjects that are regarded as prerequisites for professional legal studies.

Entrance Requirements

A-Level
• AAA
All applicants:
• For any specific subject requirements to study Law,
• For students whose first language is not English
• An IELTS score of 5.5 with a minimum of 5.5 in each test component or an equivalent acceptable qualification, details of which are available at: academicguidance.qub.ac.uk

Global Opportunities

You will have the opportunity to take part in overseas exchanges with partner universities in Europe, North America and China.

World-Class Facilities

The new £20m School at Queen’s offers students access to world-class facilities such as a fully interactive Most Court room, various seminar rooms and a well-being room.

Student Experience

Students can join a number of student-led initiatives within the School including the Student Law Journal and the Mooting Society.

CAREERS/FURTHER STUDY

Alumni of Law with French and Common and Civil Law, and Hispanic Studies have achieved success in a wide range of sectors ranging from a fully interactive Most Court room, various seminar rooms and a well-being room.

WHY QUEEN’S?

Dean Bonner, LLB Law (2016)

"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 (2016)

Entrance requirements
e: admissions@qub.ac.uk
t: +44 (0)28 9097 3818

Course information
Dr Kevin Brown, Programme Director for LLB Law, School of Law
e: k.brown@qub.ac.uk
t: +44 (0)28 9097 3858
w: qub.ac.uk/law
As a Joint Honours programme, Law with Politics offers students the chance to study for a Qualifying Law Degree 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 politics 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 a Qualifying Law Degree alongside a number of Politics modules. As a Joint Honours programme, Law with Politics offers students the chance to study for a Qualifying Law Degree whilst also engaging with research in areas such as conflict, co-operation, power and decision making, the result being a highly nuanced degree option.

Stage 1

Core modules

- Perspectives on Politics
- Constitutional Law in Context
- Legal Methods and Skills
- Comparative Politics
- Rights and Accountability
- Criminal Law

Optional modules

- Contemporary Political Philosophy
- Arms Control
- Women and Politics
- Northern Ireland: A Case Study in Ethno-National Conflict and Peace Making
- Challenges to Contemporary Party Politics
- Security and Technology
- Scotland and Northern Ireland: Points of Political Comparison
- US Foreign Policy: War
- Ethics, Power and International Politics
- National and Ethnic Minorities in European Politics
- Politics, Public Administration and Policy Making
- Global Resilience
- European Cultural Identities

Optional modules are subject to staffing and availability and each academic year. Timetabling requirements may impact the optional modules available to students.

WHY QUEENS?

Accreditation

All of the undergraduate Law degrees offered at Queen’s are recognised Qualifying Law Degrees, which means that they are accredited by legal professional bodies in Northern Ireland, England and Wales and the Republic of Ireland.

Placement

Past students have gained work placement with organisations such as the Council of the EU, European Commission, European Parliament, United Nations (UN), Organisation for Security and Co-operation in Europe (OSCE), Council of Europe, and Thomson Reuters.

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

- All of the courses except Law (with Politics) require a minimum of 55 in each test component or an equivalent, acceptable qualification, details of which are available at: go.qub.ac.uk/EnglishLanguageReqs

WHY QUEENS?

- Contemporary Political Philosophy
- Arms Control
- Women and Politics
- Northern Ireland: A Case Study in Ethno-National Conflict and Peace Making
- Challenges to Contemporary Party Politics
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WHY QUEENS?

- Contemporary Political Philosophy
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All of the undergraduate Law degrees offered at Queen’s are recognised Qualifying Law Degrees, which means that they are accredited by legal professional bodies in Northern Ireland, England and Wales and the Republic of Ireland.

Placement

Past students have gained work placement with organisations such as the Council of the EU, European Commission, European Parliament, United Nations (UN), Organisation for Security and Co-operation in Europe (OSCE), Council of Europe, and Thomson Reuters.
LIBERAL ARTS

Liberal Arts at Queen’s builds on the diverse disciplinary strengths of the Faculty of Arts, Humanities and Social Sciences. Our extraordinary heritage - epitomised by globally-esteemed writers such as Nobel Laureate Seamus Heaney and T.S. Eliot Prize recipients Paul Muldoon and Ciaran Carson, today includes the Brian Friel Theatre and Centre for Theatre Research. The Seamus Heaney Centre for Poetry and the Senator George J Mitchell Institute for Global Peace, Security and Justice.

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 (eg for Language and Music modules) comprise all interdisciplinary and pathway modules and other modules offered as part of the Simple Honours programmes in pathway subjects.
Please note that the precise modules offered as options may vary from year to year.

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.

Stage 4
Students take: Inscorrigibly Peral; 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 BA programme(s).

Study Abroad Opportunities
Students have global opportunities on the Erasmus programme (at a range of European universities) or at one of a number of Queen’s partner institutions across the world.

Master’s Degree Modules
Enhanced learning opportunities with multidisciplinary postgraduate modules available in the fourth year.

WHY QUEEN’S?

Placement Opportunities
Students have placement opportunities with leading regional, UK and international employers in both the public and private sectors, eg PwC.

Master Your Leadership
Exclusive access to The Graduate School programme ‘Enhancing Leadership and Personal Development Skills’.

Unique Speaker Series
Liberal Arts talks from local, UK and global industry leaders.

Master’s Degree Modules
Enhanced learning opportunities with multidisciplinary postgraduate modules available in the fourth year.

WHY QUEEN’S?

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Students have placement opportunities with leading regional, UK and international employers in both the public and private sectors, eg PwC.

Master’s Degree Modules
Enhanced learning opportunities with multidisciplinary postgraduate modules available in the fourth year.

Unique Speaker Series
Liberal Arts talks from local, UK and global industry leaders.

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 Bannister (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 Agrae (Green Party Leader); Marcia 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 MLibArts Honours programmes.

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: qub.ac.uk/international/internationalrequirements

“Possessing an analytical approach to information, articulating informed opinions and having a passion for what you do can make the transition from library to the office more manageable and equip you with all the necessary tools to progress. 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.
Senior Vice-President in New York at Oliver James, a global recruitment specialist.

For information on Marcella Walsh (singer, Scottish Opera).
Stephen Agnew (Green Party Leader); Lucia McAnespie (actor, RADA-trained); Paul Muldoon (academic and poet); Cat Bannister (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 Agrae (Green Party Leader); Marcia Walsh (singer, Scottish Opera).
**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 cut-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 14 times the terrestrial landmass) and within this vast area lies the blue economy: marine renewable energy; oil, gas, fish, minerals and rare earth elements. 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 Queen’s 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 filmmaking, 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. With an exceptional staff to student ratio of 1:2, we have the opportunity to personalise your education via small group tutorials and help you towards your career goals.

The course is designed to blend strong training in marine biology with core skills in the biological sciences ranging from physiology and genetics through to conservation biology and global climate change. This balanced approach enables students 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 extracurricular 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 2**
  - Coastal and Oceanic Biology (with field course)
  - Animal Biology and Physiology
  - Applied Ecology (with field course)
  - Work Placement or Cell Biology
  - Applied Genetics

- **Stage 3**
  - Future Oceans (with research cruise)
  - Conservation Biology
  - Global Change Biology
  - Animal Behaviour
  - Research Project (BSc programmes only)

- **Stage 4**
  - Marine Biology with Professional Studies students will complete a one-year, degree-related 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 oceanology (for example) at international laboratories in Spain, the Netherlands, and Slovenia as well as across the island of Ireland and GB.

**Option to Transfer:**

- Option to transfer to BSc (from Chemistry, preferred) or MSci students only.

**Entrance Requirements**

- **BSc**
  - AAB including Biology and at least one from Chemistry, Geography, Geology, Mathematics or Physics + GCSE Chemistry grade C, GCSE Double Award Science grades CC + GCSE Mathematics grade C OR
  - BBB including Double Award Applied Science or Double Award Life and Health Sciences + GCSE Biology and Chemistry grades CC + GCSE Double Award Science grades CC + GCSE Mathematics grade C OR
  - AAA including Biology + GCSE Chemistry grade C or GCSE Double Award Science grades CC + GCSE Mathematics grade C.

- **MSci**
  - AAB including Biology and at least one from Chemistry, Geography, Geology, Mathematics or Physics + GCSE Chemistry grade C, GCSE Double Award Science grades CC + GCSE Mathematics grade C.

**Note:** It would be an advantage to have studied Chemistry beyond GCSE level.

**Option to Transfer:**

- Option to transfer 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 component or an equivalent acceptable qualification; details of which are available at [go.qub.ac.uk/EnglishLanguageReqs](http://go.qub.ac.uk/EnglishLanguageReqs).

**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 4 (MSci Students only)**

- Research Project

**WHAT QUEEN’S?**

**Dedicated Marine Laboratory**

In addition to the date-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.

**Extracurricular**

- 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, more than 20 species of marine mammals (from otters to blue whales), mirr (beds and deep water coral reefs). Access to such species makes Queen’s one of the best located universities for the study of Marine Biology.

**Marine Biology Graduate, 2015**

- “The aspects of my degree I really enjoyed were the practicals, small class sizes, personal attention from teaching staff and lots of fieldwork.”

- Dawn Diamond, Marine Biology Graduate, 2015

**Course Information**

- Dr Jonathan Houghton, Programme Co-ordinator
- t: +44 (0)28 9097 3838
- e: admissions@qub.ac.uk

**Entrance requirements**

- School of Biological Sciences
  - Go.qub.ac.uk/EnglishLanguageReqs
  - t: +44 (0)28 9097 3838
  - c: +44 (0)28 9097 5400

**Course information**

- Dr Jonathan Houghton, Programme Co-ordinator
- School of Biological Sciences
  - E: biosciences.ug@qub.ac.uk
  - T: +44 (0)28 9097 5976
  - W: [qub.ac.uk](http://www.qub.ac.uk)
MATHEMATICAL STUDIES

Mathematics is the universal language of science, and a beautiful subject in itself. Mathematics also has important applications in industry and commerce, and well-qualified mathematicians and statisticians are in great demand with a wide choice of careers, making mathematics an excellent choice as a degree subject.

Mathematical Studies at Queen’s encompasses three subject areas:
- Applied Mathematics
- Pure Mathematics
- Statistics and Operational Research (SOR)

In each, the ideas that have been encountered at school are extended and new areas are introduced. It is important to appreciate that what may be understood as either pure or applied mathematics from school experience will differ from the University experience. For this reason, amongst others, mathematics students will study both pure and applied mathematics in the first year, with statistics being a likely third component.

Queen’s offers several different degree programmes involving mathematics, and two types of degree within these programmes – the three-year BSc and the four-year MSci.

BSc Mathematics
This degree offers the greatest flexibility and choice among the three subject areas, as well as the opportunity to transfer to more specialised pathways at a later stage.

Mathematics and Computer Science
This is a joint degree which combines these two subject areas.

Mathematics and Statistics
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.

MSci

The following MSci degrees are available:
- Applied Mathematics and Physics
- 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.

Entrance Requirements

BSc options

A-level:
- ABB including Mathematics grade A
- For degrees marked with an asterisk this must include Mathematics grade A and Physics grade B or better

BSc Mathematics with Extended Studies in Europe

A-level:
- ABB 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:
- A* (Mathematics) AB
- OR
- AAA including Mathematics

MSci options

A-level:
- A*AA including Mathematics
- OR
- A**AA including Mathematics

For degrees marked with an asterisk this must include A-level Physics.
For students whose first language is not English
An IELTS score of 6.5 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

Queen’s University Belfast – Undergraduate Prospectus 2019
The first year, and a sizeable fraction of the second year, of the studies is devoted to core mathematics knowledge. During the second, third and (for MSci students) fourth 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. MSci students will carry out an extended investigation in their fourth year to gain experience of mathematics at the forefront of research.

Level 1
In the first year of study, most students choose to take the six modules on offer within mathematics:

- Calculus and Analysis
- Numbers, Vectors and Matrices
- Introduction to Statistics and Operational Research
- Mathematical Modelling
- Mathematical Reasoning
- Methods of Statistics and Operational Research

Students on joint pathways (Physics/ Computer Science/Finance) will combine a specific selection of these modules with modules taken from the respective department.

The modules at Level 1 lay the foundation for the future study of mathematics, and, through the Mathematical Modelling and Reasoning modules, and the SCR methods module, will also provide insight into how mathematical methods and thinking relate to real problems.

Level 2
Level 2 completes the mathematical foundations with three core modules for most mathematics students: Linear Algebra and Complex Analysis, Introduction to Partial Differential Equations, Analysis.

Students can take three optional modules from the following list to start the personalisation of their mathematics study:

- Classical Mechanics
- Elementary Number Theory
- Fluid Mechanics
- Graph Theory
- Group Theory
- Linear Models
- Methods of Operational Research
- Numerical Analysis
- Statistical Inference

Students on joint pathways will take at least two modules outside mathematics, and the Analysis module is not compulsory.

Level 3
At this level, the BSc and MSci pathways separate. BSc 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. MSci students take an investigations module, which develops the research skills needed for the extended Level 4 investigation. In addition, students have the opportunity to develop their understanding of a wide range of mathematical topics, ranging from data mining and financial mathematics to quantum mechanics and algebraic equations.

Module topics include:
- Algebraic Equations
- Calculus of Variations and Hamiltonian Mechanics
- Computer Algebra
- Electromagnetic Theory
- Elementary Number Theory
- Financial Mathematics
- Graph Theory
- Investigations (in Pure or Applied Mathematics)
- Linear and Dynamic Programming
- Mathematical Modelling in Biology and Medicine
- Metric and Normed Spaces
- Partial Differential Equations
- Quantum Theory
- Ring Theory
- Set Theory
- Statistical Data Mining
- Stochastic Processes
- Tensor Field Theory

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 content 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 forefront of knowledge.

Modules include:
- Advanced Mathematical Methods
- Advanced Quantum Theory
- Algebraic Equations
- Algebraic Topology
- Applied Mathematics Project
- Functional Analysis
- Information Theory
- Integration Theory
- Mathematical Methods for Quantum Information
- Practical Methods for Partial Differential Equations
- Pure Mathematics Project
- Rings and Modules
- Statistical Mechanics
- Survival Analysis
- Topology

"I am a very logical person, and being able to find a solution to a problem is important to me. Mathematics is this type of subject. Studying mathematics teaches you vital skills such as critical thinking and problem solving, and these skills are really sought after by employers. If I were to do it again, I would study the same degree without doubt!"

Pádraic Sheerin, Northern Ireland, Vice President of Data Science (Prudential/Pramerica), BSc Mathematics and Statistics and Operational Research Graduate (2008)

"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."

Rosin Mackía, BSc Mathematics and Statistics and Operational Research Graduate (2012), Business Opp. and Analyst, Euroclear

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 offering the opportunity to take a Mathematics degree and specialise in pure or applied mathematics, or put more emphasis on statistics and operational research. 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.
MECHANICAL ENGINEERING

Mechanical Engineering is often associated with large machines such as motorcycles, Formula 1 cars or aircraft, but virtually all man-made products have mechanical features that are designed and developed by mechanical engineers.

It is the broadest of the engineering professions as it is not linked to a specific industry. Its graduates have some of the most challenging, rewarding and diverse career opportunities of any discipline. These range from designing the largest vehicles and developing new sustainable forms of materials, through to the search for alternative energy sources and the exploitation of nanotechnology.

**Course Content**

**Stage 1**

Students are introduced to core mechanical engineering principles. They also 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.

**Stage 2**

Stage 2 builds on the knowledge gained in Stage 1 with a series of more advanced engineering science subjects including dynamics, thermodynamics and fluid mechanics, and mechanics of materials. Mathematics and computing focuses on their application to engineering, while modules in Technology Design and Manufacturing provide hands-on practical experience of manufacturing processes and computer-aided design. Students are also introduced to the legal aspects of engineering practice. Further study is also an option – students can choose from a range of Master’s programmes, or undertake a PhD from a comprehensive list of research topics; see the School website for further information.

**Stage 3**

Optional modules in the areas of energy, materials, manufacturing and computer-aided engineering in Stage 3 give students the opportunity to tailor courses and projects to their particular interests.

**Stage 4**

MEEng students extend their knowledge of engineering applications through further optional modules in advanced core topics and in 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 research interests.

**Why Queen’s?**

**Accreditation:** these BEng and MEng degrees are accredited by the Institution of Mechanical Engineers.

**Placement/Study Abroad:** past students have gained work placements with organisations such as Airbus UK, Cummins Turbo Technologies, Lockheed Martin, Mercedes Benz High Performance Engines, Bombardier, Caterpillar, ExxonMobil, Ford, Jaguar Land Rover, Lotus, McLaren F1, Michelin and Rolls Royce.

**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, or undertake a PhD from a comprehensive list of research topics; see the School website for further information.

**Entrance Requirements**

**BEng**

A-level:

- **BBB including Mathematics and at least one from Physics (preferred), Biology, Chemistry, Further Mathematics, Technology and Design or Double Award Applied Science.**

**BTEC Extended Diploma:**

- A relevant BTEC Extended Diploma with 100 credits at Distinction and 80 credits at Merit. Distinction will be required in stipulated relevant units.

**Note:** applicants not offering Physics at A-level should have a minimum of a grade C in GCSE Physics or GCSE Science.

**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.

**MEEng**

A-level:

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

**BTEC Extended Diploma:**

- A relevant BTEC Extended Diploma with 160 credits at Distinction and 20 credits at Merit. Distinction will be required in stipulated relevant units.

**Note:** applicants not offering Physics at A-level should have a minimum of a grade B in GCSE Physics or GCSE Science.

**Double Award Science grades BB.**

**A grade B in GCSE Physics or GCSE Science at A-level should have a minimum of a grade C in GCSE Physics or GCSE Science.**

**Note:** applicants not offering Physics at A-level should have a minimum of a grade C in GCSE Physics or GCSE Science.

**Note:** applicants not offering Physics at A-level should have a minimum of a grade C in GCSE Physics or GCSE Science.

**Entrance requirements available at:** go.qub.ac.uk/EnglishLanguageReqs

**A relevant BTEC Extended Diploma**

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

**BTEC Extended Diploma:**

- A relevant BTEC Extended Diploma with 100 credits at Distinction and 80 credits at Merit. Distinction will be required in stipulated relevant units.

**Note:** applicants not offering Physics at A-level should have a minimum of a grade C in GCSE Physics or GCSE Science.

**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.

**MEEng**

A-level:

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

**BTEC Extended Diploma:**

- A relevant BTEC Extended Diploma with 160 credits at Distinction and 20 credits at Merit. Distinction will be required in stipulated relevant units.

**Note:** applicants not offering Physics at A-level should have a minimum of a grade B in GCSE Physics or GCSE Science.

**Double Award Science grades BB.**

**A grade B in GCSE Physics or GCSE Science at A-level should have a minimum of a grade C in GCSE Physics or GCSE Science.**

**Note:** applicants not offering Physics at A-level should have a minimum of a grade C in GCSE Physics or GCSE Science.

**Entrance requirements available at:** go.qub.ac.uk/EnglishLanguageReqs

**A relevant BTEC Extended Diploma**

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

**BTEC Extended Diploma:**

- A relevant BTEC Extended Diploma with 100 credits at Distinction and 80 credits at Merit. Distinction will be required in stipulated relevant units.

**Note:** applicants not offering Physics at A-level should have a minimum of a grade C in GCSE Physics or GCSE Science.

**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.

**MEEng**

A-level:

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

**BTEC Extended Diploma:**

- A relevant BTEC Extended Diploma with 160 credits at Distinction and 20 credits at Merit. Distinction will be required in stipulated relevant units.

**Note:** applicants not offering Physics at A-level should have a minimum of a grade B in GCSE Physics or GCSE Science.

**Double Award Science grades BB.**

**A grade B in GCSE Physics or GCSE Science at A-level should have a minimum of a grade C in GCSE Physics or GCSE Science.**

**Note:** applicants not offering Physics at A-level should have a minimum of a grade C in GCSE Physics or GCSE Science.

**Entrance requirements available at:** go.qub.ac.uk/EnglishLanguageReqs

**A relevant BTEC Extended Diploma**

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

**BTEC Extended Diploma:**

- A relevant BTEC Extended Diploma with 100 credits at Distinction and 80 credits at Merit. Distinction will be required in stipulated relevant units.

**Note:** applicants not offering Physics at A-level should have a minimum of a grade C in GCSE Physics or GCSE Science.

**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.

**MEEng**

A-level:

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

**BTEC Extended Diploma:**

- A relevant BTEC Extended Diploma with 160 credits at Distinction and 20 credits at Merit. Distinction will be required in stipulated relevant units.

**Note:** applicants not offering Physics at A-level should have a minimum of a grade B in GCSE Physics or GCSE Science.

**Double Award Science grades BB.**

**A grade B in GCSE Physics or GCSE Science at A-level should have a minimum of a grade C in GCSE Physics or GCSE Science.**

**Note:** applicants not offering Physics at A-level should have a minimum of a grade C in GCSE Physics or GCSE Science.

**Entrance requirements available at:** go.qub.ac.uk/EnglishLanguageReqs

**A relevant BTEC Extended Diploma**

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

**BTEC Extended Diploma:**

- A relevant BTEC Extended Diploma with 100 credits at Distinction and 80 credits at Merit. Distinction will be required in stipulated relevant units.

**Note:** applicants not offering Physics at A-level should have a minimum of a grade C in GCSE Physics or GCSE Science.

**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.

**MEEng**

A-level:

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

**BTEC Extended Diploma:**

- A relevant BTEC Extended Diploma with 160 credits at Distinction and 20 credits at Merit. Distinction will be required in stipulated relevant units.

**Note:** applicants not offering Physics at A-level should have a minimum of a grade B in GCSE Physics or GCSE Science.

**Double Award Science grades BB.**

**A grade B in GCSE Physics or GCSE Science at A-level should have a minimum of a grade C in GCSE Physics or GCSE Science.**

**Note:** applicants not offering Physics at A-level should have a minimum of a grade C in GCSE Physics or GCSE Science.
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

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 or above.

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

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

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.
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 bonds 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.

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.

**COURSE CONTENT**

**Course Details**

The medical degree is a five-year course with an initial systems-based approach. It is one of the few medical schools in the UK to teach students anatomy through cadaveric dissection and does so in year 1 of the programme.

Students are introduced to clinical work from the onset and by third year almost all teaching is in the clinical setting. Good communication skills and patient-centred 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.

Students are supported to undertake an additional year of study should they wish to undertake an intercalated degree.

During the second semester of final year all students undertake an Assistantship module which gives a glimpse of what graduates have a smooth transition into their 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 begins to take 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 aspects and principles relevant to the clinical practice of medicine.

**Intercalated degree**

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 a range of surgical and medical disciplines in primary and secondary care. Training in a range of specialties offers an opportunity for you to consolidate and advance your clinical skills and enhance your clinical and related knowledge, and participate more fully in delivery of care to patients in the community. Further information on UCAT is available at: [www.ucan.org](http://www.ucan.org)

**A-level School Leavers:**

AAA at A level Biology/Chemistry/Physics or AAB at A level Biology/Chemistry/Biology. A maximum of one A level Science (subject not used for Science purposes) may be counted at A level (the other A level subject will be counted at AS level). A level Chemistry, Physics and Biology are considered as Science subjects. A level Maths is not considered as a Science subject.

**Graduates:**

Averaging out to these grades is not permitted. Applicants must have the appropriate science background at the AS and A-level (the equivalent or equivalent (see below) and at least a 2:1 Honours degree in a relevant professional field of study, degree, which can be from a wide range of different subject areas. Entrance requirements must be satisfied. At least one from A-level Biology/Chemistry/Physics, or GCSE double award Science minimum grade C. Teaching of basic science subjects is integrated with clinical teaching sessions, as well as assessments.

**MB BCh BAO**

Medicine (Bachelor of) 5 yrs (A100) 

**Entrance Requirements:**

All applicants will be ranked on cognitive performance, and a proportion selected for interview. Multi Mini Interviews (MMIs) are interviews normally take place between January and March in Belfast for home and EU applicants. Applicants from the Republic of Ireland will be interviewed at Cork Lee Asia in late January/February to interview and interview. International students for the programme, teaching sessions, as well as assessments.

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.

**MB BCh BAO**

Medicine (Bachelor of) 5 yrs (A100) 

**Entrance Requirements:**

All applicants will be ranked on cognitive performance, and a proportion selected for interview. Multi Mini Interviews (MMIs) are interviews normally take place between January and March in Belfast for home and EU applicants. Applicants from the Republic of Ireland will be interviewed at Cork Lee Asia in late January/February to interview and interview. International students for the programme, teaching sessions, as well as assessments.

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.
MEDICINE

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.

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 Partridge, dubbed the ‘Father of emergency medicine’ and inventor of the portable defibrillator.

Student Experience
Queen’s Medicine student satisfaction rate is 93 per cent, ranked joint 7th in the UK (National Student Survey, 2017). Many students are involved in the several medical-based societies at Queen’s, including BMSA, Scrubs, Medsin and SWOT. In addition, the University has over 200 clubs and societies run by students, 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 General Medical Council. 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 General Medical Council website: gmc-uk.org

Career outcomes include:
• Consultant working in a hospital (e.g. 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.

“Studying medicine at Queen’s is so interesting and rewarding. The teaching staff are excellent and the facilities, such as the Clinical Skills Education Centre, are exceptional. I particularly enjoy my GP and hospital attachments, engaging with patients and putting theory into practice. I would encourage you, as a prospective medical student, to choose Queen’s. A welcoming university and a great place to make friends, Queen’s has provided me with many wonderful opportunities both academic and extracurricular.”

Anna Cullen, Belfast, Northern Ireland
5th year Medicine student

“Queen’s set me on a road to a long academic career in medical research, medical journal editing, and medical humour writing which led to a second career as a best-selling novelist. I’d recommend Queen’s for its stellar reputation for medical research.”

Patrick Taylor, retired medical researcher and best-selling novelist

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

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 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, education, business and communications, or as a route to further study.

The modules are:

**Stage 1**
- Molecular Basis of Life
- Basic Chemistry (optional)
- Structure, Reactivity and Mechanism in Organic and Bioorganic Chemistry (optional)
- The World of Microorganisms
- Biodiversity (optional)

**Stage 2**
- Experimental Biochemistry
- Cell Biology
- Molecular Biology and Bioinformatics
- Microbes in Action

94% of Queen’s Microbiology students are satisfied with their course, ranking us joint 3rd in the UK.

(National Student Survey 2017)

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)
- Immunology (optional)
- Parasitology and Zoonoses
- Bacterial Genetics and Genetic Manipulation
- Research Project (BSc programmes only)

Stage 4 (MSci Students only)

- Research Project

WHY QUEEN’S?

Professional Accreditation

The Microbiology degrees follow the National Subject Profile for Higher Education Programmes in Microbiology as published by the Centre for Bioscience (Higher Education Academy). The degrees also adhere to the core curriculum in Microbiology as described by the American Society of Microbiology. The combination of modules provided in part fulfils many of the requirements for accreditation by the Institute of Biomedical Sciences in the UK.

Research Projects

The detailed workings of microbial cells.

Microbiologists are therefore highly sought after in these fields. Microbiology may be achieved through some additional postgraduate training.

For students whose first language is not English

An EITL course with a minimum of 5.5 in each test component or an equivalent acceptable qualification, details of which are available at [applying to an English-speaking country](https://www.qub.ac.uk/).
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.

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.

COUSENT COURSE

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 skills, knowledge, and attitudes central to professional midwifery practice.

The programme encourages an evidence-based and multidisciplinary approach, focusing on safe, effective, caring, and ethical care. This programme is designed to provide world-class training that prepares you to deal with normal midwifery practice and to co-ordinate the care of women experiencing more complex pregnancies.

The Widows’ Sciences degree at Queen’s will assist you in becoming a skilled health professional 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.

WHY QUEEN’S?

Professional Accreditation

Professional registration with the Nursing and Midwifery Council (NMC 2010).

Entry Requirements

This information is in advance of the academic year to which it relates and the grades stated should be treated as a guide only; requirements are reviewed annually.

Overall academic background will be taken into account when determining applications and additional academic criteria may have to be applied at short notice, depending on the volume of applications.

All applicants (except Access/Foundation applicants) must normally have a minimum of 5 GCSEs at grades A to C, including Mathematics and a Science subject (or Biology/Human Biology, Chemistry, Physics, Double Award Science or Single Award Science). GCSE Applied Science is not acceptable in lieu of GCSE Science. A minimum of a grade C in GCSE English Language is an equivalent qualification acceptable to the University. Applicants offering Access/Foundation courses must also have a grade D at GCSE in both Mathematics and a Science subject or an equivalent qualification acceptable to the University. Within an Access programme, 70% in NACATs Mathematics and a Level 3 Science or Level 3 in Mathematics or Physics module (minimum of 65% of the programme) would fulfil the GCSE Mathematics and Science requirements. A minimum of a grade C in GCSE English Language is an equivalent qualification acceptable to the University. It is also required in addition to the GCSE requirements, or equivalent, applicants must offer one of the following qualifications:

A level:

- BCC including a relevant Science subject at grade B is not offered.
- OCR where a relevant Science subject is not offered.
- BTEC Extended Diploma: Successful completion with 60 credits at Distinction and 120 credits at Merit in a relevant Science based course OR successful completion with 80 credits at Distinction and 100 credits at Merit in a non Science based course.
- Access/Foundation Course:

An average mark of 75%, where at least half of the core programme in Biology/Human Biology or Chemistry or Physics OR an average mark of 75%, required for non Science based access courses.

BTEC Higher National Diploma:

Successful completion with a minimum of 120 credits at Distinction and Pass in all other units.

BTEC Higher National Certificate:

Successful completion with a minimum of 10 credits at Distinction and 6 credits at Merit.

Scottish Highers:

BBBBC 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 GCSEs at grades A to C to include Mathematics and a Science subject. A minimum of a grade 3 in Intermediate English Language is also required.

Graduates:

A level in a relevant Science subject is not offered. Graduates from this degree are required to have a minimum of 5 GCSEs at grades A to C to include Mathematics and a Science subject. A minimum of a grade 3 in Intermediate English Language is also required.

Open University Credits:

A minimum of 120 OU Credits.

Selection Process:

- Applicants who satisfy the academic requirements will be invited to interview.
- Offered may be made on the basis of ranked interviews scores and are subject to satisfactory Occupational Health Assessment and Criminal Record check(s), in addition to any academic requirements. More details 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 each test component or an equivalent appropriate qualification, details of which are available at: go.qub.ac.uk/EnglishLanguageReqs

They must provide evidence of a satisfactory level of English language ability prior to 31 August 2019 are shortlisted for interview. Successful completion with a minimum of 70% in each test component or an equivalent appropriate qualification, details of which are available at: go.qub.ac.uk/EnglishLanguageReqs

Entry requirements

- e: nursing@qub.ac.uk
- t: +44 (0)28 9079 3838

Course information

Visit: Medicine

Lead Midwifery Education School of Nursing and Midwifery

e: nursing@qub.ac.uk
- t: +44 (0)28 9079 2233
- w: qub.ac.uk/nur

About Nursing

- w: qub.ac.uk/nur
- e: nursing@qub.ac.uk

School of Nursing and Midwifery

Queen's University Belfast – Undergraduate Prospectus 2019

Queen's University Belfast – Undergraduate Prospectus 2019
MUSIC

The BMus in Music is designed for students who wish to develop a deep understanding of music in the broadest sense while honing their specialist skills to professional standards. The degree includes studies in music史harp, 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

As a basis for specialisation in performance, composition and musicology, students take modules in music history, harmony and analysis. Level 1 includes five core modules: Introduction to Music; Fundamental Harmony; Music in History; Composing Music and Musicianship. Students choose one optional module from topics including performance, ensemble performance, ethnomusicology, and a range of music technology modules.

Level 2 includes two core modules in analysis and critical writing skills, plus four optional modules chosen from performance, composition, improvisation, scoring and arranging, musicology (at least one module offered), and a range of modules that focus on music technology.

At Level 3, students take at least one module in a music history special subject, plus a range of options that will include composition, dissertation, musicology, performance, work placement, composing for screen. (Up to two optional modules may be in another subject.)

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 Mac computers.

Industry Links

The School benefits from strong industry partnerships, including BBC NI, Ulster Orchestra, Opera NI, Hard Rain SoloistEnsemble, Belfast 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.

Entrance Requirements

A-level:

IBB including A-level Music. Where A-level Music is not offered from A-level grades BBD plus Grade VIII Theory of Music (ABRSM, Trinity College, Guildhall School of Music) would be acceptable. A-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. A grade 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 Mac computers.

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 Mac computers.

Industry Links

The School benefits from strong industry partnerships, including BBC NI, Ulster Orchestra, Opera NI, Hard Rain SoloistEnsemble, Belfast 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.

Entrance Requirements

A-level:

IBB including A-level Music. Where A-level Music is not offered from A-level grades BBD plus Grade VIII Theory of Music (ABRSM, Trinity College, Guildhall School of Music) would be acceptable. A-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. A grade VIII Practical Music examination, specifying the instrument and the awarding body.

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MUSIC AND AUDIO PRODUCTION

The 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. You will gain practical knowledge and experience of recording, editing, mixing and mastering music using professional studio facilities.

Working alongside leading music industry professionals you 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 Level 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 music market music to the 'classical' tradition and its contemporary proliferation.

At Level 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, critical listening and improvisation.

At Level 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, mixing, designing musical interactions, sonic arts, songwriting, sound design, and music production.

WHY QUEEN'S?

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Professional Training
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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.

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Professional Training
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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.

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 studying abroad. The School has links with a number of international institutions including National and Kapodistrian University of Athens, University of Groningen, Escola Superior de Música e Artes do Espetáculo do Porto and Instituto Politécnico do Porto.

Work Placements
The Level 3 Work Placement 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 Glaswegian Music Hub.

CAREERS/FURTHER STUDY
Companies and institutions currently employing our graduates include the BBC, UTV, Warner Bros, 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.

“During my time at SARC I gained valuable hands-on experience recording talented musicians with state-of-the-art equipment. After the enjoyable recording process, I was given encouraging feedback on how to sculpt my recordings into professional-sounding finished pieces which have greatly boosted my confidence as a sound engineer.”

Oisin Hughes, BBC Music Technology and Sonic Arts (2017)

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

Course information
Dr Simon Mawhinney, Subject Lead (Music)
School of Arts, English and Languages
E: s.mawhinney@qub.ac.uk
T: +44 (0)28 9097 5324
W: ael.qub.ac.uk
MUSIC AND SOUND DESIGN

The 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. You will gain practical knowledge and experience of composing in the studio, composing for instrumental forces, songwriting and scoring for picture. Working alongside leading audio industry professionals you 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 Level 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.

At Level 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, soundwriting or improvisation.

At Level 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.

WHY QUEEN’S?

World-Class Facilities

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Professional Training

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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:

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

WHY QUEEN'S?

Queen's University Belfast – Undergraduate Prospectus 2019

WHY QUEEN’S?

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 studying abroad. The School has links with a number of international institutions including Escola Superior de Musica e Artes do Espaço de Porto, Instituto Politecnico do Porto, National and Kapodistant University of Athens, Technological Educational Institute of Crete and University of Groningen.

Work Placements

Sound design is a key element of the film, gaming and immersive (VR) industries. The Level 3 Work Placement 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 Soundhouse, Lamb Films, Pi Communications, Q Radio, Maverick, Renegade Productions, The Soundhouse and The Big Telly Theatre Company.

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, SNP 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, (2017)

Entrance requirements

e: admissions@qub.ac.uk

t: +44 (0)28 9097 3838

Course information

Dr Simon Mawhinney, Subject Lead (Music)

School of Arts, English and Languages

e: s.mawhinney@qub.ac.uk

t: +44 (0)28 9097 3524

m: qub.ac.uk/role
MUSIC PERFORMANCE

The BA in Music Performance is a vocational course aimed primarily at students who have a particular interest in pursuing a professional career in performance. The degree is distinguished by its inclusive approach and will have broad appeal to musicians who specialise in all 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.

COURSE CONTENT

Level 1 of the programme consists of four compulsory modules encompassing both solo and ensemble performance, general musicianship and a historical introduction to music. All students receive weekly performance tuition and participate in weekly performance platforms – an open session for peer critique of solo and ensemble performances. Optional modules include composition, fundamental harmony, sound recording principles, sound synthesis and audio mixing.

At Level 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. Optional modules are available in areas such as songwriting, instrumental composition, sound design, sonic arts, audio production, instrument and installation design, music psychology, or introduction to arts management.

The primary focus at Level 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. Additional Level 3 options include modules in designing musical interactions, composing for film and television, instrumental composition, sonic arts, and audio production.

WHY QUEENS?

World-Class Facilities

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Industry Links

The School benefits from strong industry partnerships including BBC NI, Ulster Orchestra, Opera NI, Hard Rain SoloistEnsemble, Cathedral Arts Festival, Moving Image, Diatone Records, DTS and Dolby. The Department also houses the Ulster Orchestra and Hard Rain SoloistEnsemble, providing an abundance of coaching opportunities and experiences to pursue performance as a viable career path. The music department has excellent funding opportunities. A music degree from Queen’s offers great career prospects upon graduation.

Entrance Requirements

A-level:

- ABB plus successful audition.
- All applicants 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

WHY CHOOSE QUEENS?

- Unique experience of working with professionals in the industry. The School has links with a number of international institutions including Escola Superior de Musica e Artes do Espatculo do Porto, National and Kapodistrian University of Athens and University of Groningen.
- The programme prepares students for a wide range of possible career paths including performance (eg orchestral playing, opera singing, solo artist careers), improvisation, composition, teaching, academia, arts administration and broadcasting.

Further study, including Master’s programmes, is also an option; see the School website for further information.

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.

Global Opportunities

Students may opt to spend a semester studying abroad. The School has links with a number of international institutions including Escola Superior de Musica e Artes do Espatculo do Porto, Instituto Politecnico do Porto, National and Kapodistrian University of Athens and University of Groningen.

Work Placements

The Level 3 Work Placement module is an excellent opportunity for students to gain real-world industry experience. Some of the organisations our students have completed placements with include Ulster Orchestra, Northern Ireland Opera, Drake Music NI, Young at Art, The Playhouse, Open Arts, Dorn Arts Centre, Junior Academy of Music, and Thin Air Magazine.

Careers/Further Study

The programme prepares students for a wide range of possible career paths including performance (e.g. orchestral playing, opera singing, solo artist careers), improvisation, composition, teaching, academia, arts administration and broadcasting. 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 SoloistEnsemble 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 Mullan, BMus Graduate (2017)
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 specialty 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

Designed to meet the targets set by Transforming Your Care, this programme develops all the knowledge, skills and attributes central to practice: patient/client-centred, clinically effective, competent and safe, evidence-based, and established on caring and ethical principles.

We continually apply the results of our ground-breaking research to our teaching to ensure that our programme content is up to date and relevant, as possible to the changing needs of the population.

Queen’s is the only university in Northern Ireland offering degrees in all four fields of Nursing (Adult, Children’s, Learning Disability, and Mental Health), enabling an innovative approach to interprofessional education. Students should apply to study their chosen field of Nursing. Students may be eligible to have their fees paid by the Department of Health (DOH), and may receive a bursary.

Stage 1

• Health and Wellbeing
• Professional Nursing Values and Practice
• Evidence Based Nursing 1 – Practice Module 1

Stage 2

• Dimensions of Care
• Care Delivery
• Evidence Based Nursing 2 – Practice Module 2

Stage 3

• Management and Leadership
• Decision Making For Professional Practice
• Practice Module 3 Adult
• Evidence Based Nursing 3

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. Final year students have the opportunity to apply for an international elective placement with the guidance and support from International co-ordinators. Students should apply to study their chosen field of Nursing.

Internationally Renowned Experts

Professional registration with the Nursing and Midwifery Council (NMC 2010).

International Renowned Experts

The educational staff within the School are acknowledged 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 allow our educators to role-play scenarios in response to the students’ actions. 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.

Entrance Requirements

This information is provided in advance of the academic year to which it relates. The information should be treated as a guide only and entrance requirements may be altered to meet the needs of our programmes.

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 accepted by the University, plus Mathematics and a Science subject. GCSE Applied Science is not acceptable in lieu of GCSE Science.

All applicants offering Access/Foundation courses must also have a grade C in GCSE Applied Science, and a Science subject or an equivalent qualification accepted by the University. Within an Access programme, a pass in GCSE Mathematics and in at least 12 of the 16 units in each test component or an equivalent acceptable qualification, details of which are available on the Access/Foundation programme.

Entrance Foundation course: An average mark of 65% where at least half of the overall programme is in Biology or Chemistry of Physics OR an average mark of 70% is required for non-Science based courses.

BTEC HND: Successful completion with a minimum of Merits in at least 12 of the 16 units and Passes in all other units.

BTEC HNC: Successful completion with a minimum of a Merit grade in each unit.

Scottish Highers:

BBBBC where a relevant Science subject is offered (see list under A-level requirements) OR

BBB where a relevant Science subject is not offered.

Applicants must have a minimum of 5 Standards at grade 3 or a minimum of 5 Intermediates at grade C to include English, Mathematics and a Science subject.

Graduates:

Honours Degree (minimum third class) if Ordinary Chemistry is included. Otherwise, graduates must satisfy the GCSE Mathematics and Science requirements as above.

Open University Credit:

A minimum of 120 OU Credits.

Selection Process

Applicants who satisfy the academic requirements will be eligible to do so prior to 31 August 2019 are shortlisted for interview. At the time of their Personal Statement on their UCAS application this is scored against criteria set by the Northern Ireland Practice and Education Council for Nursing and Midwifery (NIPEC).

BSc Honours Nursing (Adults) (September intake) 3 yrs (B740)
Nursing (Adults) (February intake) 3 yrs (B740)
Nursing (Children) 3 yrs (B700)
Nursing (Learning Disability) 3 yrs (B740)
Nursing (Mental Health) 3 yrs (B740)

BTEC Extended Diploma: Successful completion with 60 Credits at Distinction and 120 Credits at Merit in a relevant Science based course OR successful completion with 80 Credits at Distinction and 100 Credits in even Science based course.

Access/Foundation course: An average mark of 65% where at least half of the overall programme is in Biology or Chemistry of Physics OR an average mark of 70% is required for non-Science based courses.

Students whose first language is not English

An IELTS score of 7.0 with a minimum of 7.0 in each test component or an equivalent acceptable qualification, details of which are available on the Access/Foundation programme.

CAREERS/FURTHER STUDY

Nurses and Midwives learn to be an integral part of a healthcare team. Within this School, multidisciplinary teams of medical students and nursing students work together using interdisciplinary approaches.

The majority of our graduates 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 apply to become a Master’s Advanced Professional Practice. There are also a range of PhD opportunities; see Queen’s website for more details.

Queen’s is the only university in Northern Ireland offering degrees in all four fields of Nursing (Adult, Children’s, Learning Disability, and Mental Health), 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.

Skills Development

We continually apply the results of our ground-breaking research to our teaching. This means that our programme content is always up to date and relevant, as possible to the changing needs of the population.

Entrance requirements

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

Queen’s is the only university in Northern Ireland offering degrees in all four fields of Nursing (Adult, Children’s, Learning Disability, and Mental Health).

Further Study

Queen’s University Belfast – Undergraduate Prospectus 2019

Queen’s University Belfast – Undergraduate Prospectus 2019
PHARMACEUTICAL BIOTECHNOLOGY

With over 900 biotech companies in the UK employing nearly 26,000 people, pharmaceutical biotechnology is an increasingly important area for pharma. It provides the biotechnological tools and techniques to enable the discovery, development and evolution of novel therapeutics and innovative drug delivery systems. Indeed, many of the UK’s biotech companies originate from universities as ‘spin-outs’, focused on the development of cutting-edge technologies and innovative products. The BSc in Pharmaceutical Biotechnology is designed to create students who have broad analytical and practical experience focused on recent developments in the field, as well as strong professional and interdisciplinary skills to prepare them for careers within the sector.

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, biology, mathematics and physics. This training prepares students both for their placements* 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.

Level 3

The final year of the degree covers a range of areas in biotechnology, including therapeutic proteins and molecular and cellular biology. 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 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 equipped 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, Unilever, 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 biotechnology, pharmaceutical engineering, analytical, molecular biology, advanced microscopy, tissue culture and microbiology laboratories.

Internationally Renowned Experts

The BSc degree in Pharmaceutical Biotechnology 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

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 and ultimately help them become more aware of the global pharmaceutical community and their connection to it.

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 website for further information.

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 and interview preparation techniques.

Graduate Opportunities

The prospects of employment for a graduate with a BSc in Pharmaceutical Biotechnology (Level 1) degree in the UK are high. Graduates can pursue careers in the pharmaceutical, biotechnology and medical devices sectors. 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.

Entrance Requirements

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

See also Pharmaceutical Sciences and Pharmacy

BSc Honours

Pharmaceutical Biotechnology 3 yrs (B212)
Pharmaceutical Biotechnology (Sandwich) 4 yrs (B203)

See also Pharmaceutical Sciences and Pharmacy

A-level

BBB including Biology and Chemistry + GCSE Mathematics grade C or K OR
BBB including Biology and at least one from Mathematics/Physics or GCSE Chemistry grade C or GCSE Double Award Science grade C + GCSE Mathematics grade C.

BBB including Chemistry and at least one from Mathematics or Physics + GCSE Biology grade C + GCSE Double Award Science grade C + GCSE Mathematics grade C.

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
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 makes a huge contribution to the UK economy. With a greater impact on the UK economy than any other high-tech industry, employing 73,000 people, the pharmaceutical industry is a major contributor to the UK economy. 

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 a broad range of funders including government, charitable and multi-national industry sources. The programme is taught by 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 programme 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 placements 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 biomaterials, 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 placements in the pharmaceutical industry.

Entrance Requirements

A-level

BBB including Biology and Chemistry + GCSE Mathematics grade C OR
BBB including Biology and at least one from Mathematics or Physics + GCSE Chemistry grade C + GCSE Double Award Science grades CC + GCSE Mathematics grade C OR

BBB including Chemistry and at least one from Mathematics or Physics + GESE Biology grade C or GCSE Double Award Science grades CC + GCSE Mathematics grade C OR

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: [qub.ac.uk/pha](http://qub.ac.uk/pha)

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 laboratories. Innovative and dynamic facilities help to cement this theoretical knowledge, preparing students for placement.*

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

Graduates can pursue 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](http://qub.ac.uk/pha) for further information.

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: [abpi.org.uk](http://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](http://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

Queen’s University Belfast – Undergraduate Prospectus 2019
The MPharm degree is designed to help students become experts in medicines with the skills to work effectively with patients and the multidisciplinary 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 health care team.

The modules are:

**Stage 1**
- Structure, Reactivity and Mechanism in Organic and Biorganic Chemistry
- Practising as a Pharmacist
- Physiology for Pharmacy
- Physical Pharmaceutics

**Stage 2**
- Pharmaceutical Technology
- Applied Clinical Pharmacology
- Pharmaceutical Microbiology
- Pharmaceutical Biotechnology
- Practice as a Pharmacist

**Stage 3**
- Medicinal Substances
- Applied Clinical Pharmacology
- Pharmaceutical Technology
- Pharmaceutical Microbiology
- Practising as a Pharmacist

**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 the training of pharmacists in the UK. In the latest edition of the Guardian University Guide 2018, we are ranked 2nd in the UK for Pharmacy and Pharmacology. The School of Pharmacy at Queen’s is ranked 2nd in the UK for Pharmacy and Pharmacology.

**MPharm**

Pharmacy 4 yrs (B230)

See also Pharmaceutical Sciences and Pharmaceutical Biotechnology.

**Entrance Requirements**

- **A-level:** (A2) Chemistry AND at least one other A-level in Biology, Mathematics. GCSE (8,7,6,5) Double Award Science grades C/C. GCSE Mathematics grade C.
- **International Baccalaureate:** 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. Students with equivalent qualifications will be considered. Applicants are sometimes requested to attend an interview as part of the selection process.

**All Applicants**

- As a result of current legislative requirements only candidates who will be considered for a satisfactory Criminal History Check (Access N Enhanced Disclosure Check) will be considered. The University reserves the right to request that all applicants provide personal information which will be stored in the strictest of confidence and in line with Data Protection Principles. The current cost of an Enhanced Disclosure Check is £33.50. At the time of printing charges are due to increase and relevant procedures and/or costs may change. Applicants will be advised of the relevant requirements at the appropriate time. International students, a Certificate of Good Conduct or equivalent will be required instead of the disclosure reference.

- The degree is subject to the University’s regulations on Fitness to Practice. Applicants must have permission for a check against the Exclusions Student Database. This check is carried out by the Northern Ireland Exclusions Database, a 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 5.5 in each component or an equivalent acceptable qualification. Details of which are available at www.qub.ac.uk/EnglishLanguageReqs

**Careers/Further Study**

To become a pharmacist in the UK, you will need to complete a four year MPharm degree, a year of pre-registration training in the UK and pass an entrance exam set by the GPhC (England, Scotland and Wales) or the PSNI (Northern Ireland). The MPharm course at Queen’s is accredited by the General Pharmaceutical Society (GPhC) and the Pharmaceutical Society of Northern Ireland (PSNI).

Our graduates typically pursue careers in three main employment sectors, namely, community pharmacy, 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
- Valedictorian 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 and trusts 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 high standard of teaching and research, as well as helpful and supportive staff at the School of Pharmacy, have made my time as a student truly exceptional.”**

Ing Ho Kong, Malaysia, Pharmacy Student and Lead International Mentor

**Entrance requirements**

- [admissions@qub.ac.uk](mailto:admissions@qub.ac.uk)
- [+44 (0)28 9097 3838](tel:+44+02890973838)

**Course Information**

Dr. Sarah Haughey, Director of Education, School of Pharmacy

[pharmacy@qub.ac.uk](mailto:pharmacy@qub.ac.uk) [+44 (0)28 9097 2086](tel:+44+02890972086)
PHILOSOPHY

During your degree, you will learn about cutting-edge debates in core areas of philosophy such as ethics, metaphysics, the theory of knowledge and political philosophy, as well as studying some of the key thinkers in the history of philosophy, including Plato, Aristotle, Descartes, Hume, Mill and Marx. You will develop your skills in reasoning and argumentation by studying formal logic.

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:

- Inquiries into 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, that range from how to understand the key political theories about how we live as a society. Examples include:

- Applied Ethics
- Contemporary Critical Theory
- Philosophical Theology
- Politics for Children
- Issues in the Philosophy of Science
- Scholastic Ethics
- Scholastic Metaphysics
- 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 (the Irish Studies Summer School; and the Conflict Transformation and Social Justice Summer School)

PRESENTATION

BA Single Honours

Philosophy 3 yrs (V500)

BA Joint Honours

English and Philosophy 3 yrs (V535)
History and Philosophy 3 yrs (V540)
Philosophy and Politics 3 yrs (V540)

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

Further Study

- BA Philosophy as a Joint Honours degree you can profitably be taken by those who have studied the subject at school as well as those who have not.

Careers

- 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.
- Examples include:

  - Applied Ethics
  - Contemporary Critical Theory
  - Philosophical Theology
  - Politics for Children
  - Issues in the Philosophy of Science
  - Scholastic Ethics
  - Scholastic Metaphysics
  - Topics in Epistemology
  - Dissertation

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Careers

- 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.”

Craig Henderson

BA Philosophy Graduate

“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

Queen’s University Belfast – Undergraduate Prospectus 2019
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
- Scholastic Ethics
- Scholastic Metaphysics
- 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, Divided Societies, Politics and Policies of the EU, Security and Technology, World Politics: Conflict and Peace.

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:

- 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 Policy-making
- 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.

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 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.

Exit requirements

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

Course information

School of History, Anthropology, Philosophy and Politics

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

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 policy-making.

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 and has won major research grants to 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.

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.

Further information can be found on the School website or by contacting the School directly.
PHYSICS

Physics studies how the universe works – from the smallest atomic nucleus to the largest galaxy. It includes conceptual challenges such as quantum theory, relativity and chaos theory, and lies at the heart of most modern technology – for example the computer, the laser and the Internet.

The Department of Physics and Astronomy has the highest teaching standards and is recognised nationally as being one of the leading centres for research. Physics at Queen’s is ranked 19th in the UK (Complete University Guide 2018), while in the most recent assessment of research excellence, REF 2014, 88 per cent of the scientific research carried out by staff was internationally excellent or world-leading. All students are taught by the scientists whose work will be in the next generation of textbooks. This strong link between research and teaching in Physics at Queen’s means our graduates obtain one of the best degrees available for understanding our recent scientific advances and can play an important role in our increasingly technological society.

COURSE CONTENT

Physics may be studied either as a Single Honours degree, as Physics, Physics with Astrophysics, Physics with Medical Applications, Physics with Extended Studies in Europe, Theoretical Physics, or as a Joint Honours degree in conjunction with Applied Mathematics.

Stage 1

In their first year students study a core of experimental, theoretical and computational Physics, alongside Applied Mathematics. Physics 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 and 3

At Stage 2, according to degree selection, modules are taken which reveal the excitement of such areas as:
- Astrophysics
- Atomic and Nuclear Physics
- Quantum Physics
- Optics, Electricity and Magnetism
- Physics of the Solid State

Advanced Laboratory work develops the skills of planning, carrying out and analysing experiments and simulations, and provides opportunities for deepening understanding of the wide applicability of physics.

At Stage 3, a choice of modules is made to develop in-depth understanding of such areas as:
- Advanced Electromagnetism and Optics
- Molecular Physics
- Advanced Solid State Physics
- Advanced Electromagnetism and Optics
- Nuclear and Particle Physics
- Astrophysics II
- Advanced Electromagnetism and Optics
- Physics in Medicine
- Quantum Mechanics and Relativity
- Advanced Solid State Physics
- Professional Skills

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, nanomaterial fabrication and characterisation, and astronomical observations.

MSc (Master in Science)

These four-year degrees are aimed at the more able and committed students who intend to practice 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 Astrophysics, Physics with Medical Applications, 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.

Entrance Requirements

BSc Options

Physics and Mathematics / Theoretical Physics

A-level:
- A (Mathematics) BB including Physics

Physics with Extended Studies in Europe

A-level:
- BBB including Mathematics and Physics

- For French option: A-level French grade B
- For Spanish option: A-level Spanish grade B

- Physics with Astrophysics / Physics with Medical Applications

A-level:
- BBB including Mathematics and Physics

Physics with Astrophysics / Physics with Medical Applications

A-level:
- BBB including Mathematics and Physics

- Astrophysics II
- Advanced Electromagnetism and Optics
- Nuclear and Particle Physics
- Physics in Medicine
- Quantum Mechanics and Relativity
- Advanced Solid State Physics
- Professional Skills

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, nanomaterial 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 practice 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 Astrophysics, Physics with Medical Applications, 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
- Medical Imaging
- Planetary Systems
- Plasma Physics
- The Physics of Nanomaterials
- Ultrastar Science

Also in this year, a major project is carried out in association with an outside research area, with the student working within a world-leading research group. 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.

PHYSICS

WHY QUEEN’S?

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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.

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 a third of our graduates will go on to postgraduate study. Many physics graduates take up careers in education, while a large number are accepted for a PhD programme in Physics, which can enhance employment prospects or provide a path to a research physicist position.

"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

"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
OphthalmicPhotograder in Centre for Experimental Medicine at Queen’s

"I enjoyed learning about the fundamental laws that govern the world."

David Mulholland,
Belfast, Northern Ireland
MSci Graduate, Postdoctoral Researcher at University of Reading

"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 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

"Physics and Astronomy at Queen's is ranked 19th in the UK."

(Complete University Guide 2018)

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

Professor Alan Fitzsimmons from the Astrophysics Research Centre at Queen’s and colleagues have spent over a decade studying comet 67P/Churyumov-Gerasimenko from Earth and measuring its properties. As part of the comet landing mission Professor Fitzsimmons was in Chile, where he used the world’s most powerful telescopes to perform a final reconnaissance of the comet. Some of his colleagues include former Queen’s students now working on the mission. Credit: ESA/Rosetta/NAVCAM.

"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?"

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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 and GIS skills and the use of specialist software.

**Level 2**

Level 2 provides a more detailed appreciation of planning, with modules examining topics such as economics, climate change and planning theory. It includes two key projects, one that develops skills in spatial planning policy, and another that promotes understanding of the development management process. Students are also given an opportunity to further develop skills in design issues and are introduced to the social aspects of planning activity.

**Level 3**

Level 3 develops a greater theoretical understanding of planning. In the first semester students have the opportunity to study for three months at a European university as part of the Erasmus programme. Students remaining at Queen’s 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.

### WHY QUEEN’S?

Planning is a challenging and rewarding degree, which is ranked joint 3rd in the UK. (National Student Survey 2017)

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.

### CAREERS/FURTHER STUDY

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 organisations, teaching 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 expertise in the design of the degree.

Many of our graduates go on to one of our two MSc degrees to complete their RTPI accreditation, or other postgraduate training, including PhD study; see the School website for further information.

### A challenging and rewarding degree, which gives abundant opportunities to its students in all aspects of planning and employment.

Tiarne McVeigh, Crumlin, Northern Ireland Planning Graduate, currently studying for a Master’s degree.
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 studying on the BA Politics degree begin with a comprehensive grounding in the major subfields in Politics. To that end, students take at least four of the five modules below:

**Year 1**

- Comparative Politics
- Contemporary Europe
- Issues in Contemporary Politics
- Perspectives on Politics
- World Politics

**Conflict and Peace**

Beginning in their second year, module choice expands as topics become more focused on cutting-edge research. This gives students more flexibility to pursue the topics most interesting to them – whilst still retaining the basic discipline and core skills. The following provides an indicative list of modules offered in the second and third years:

**Year 2**

- 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

**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 Policy-making
- 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

**Entrance Requirements**

A-level:

- 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

**BA Single Honours**

Politics 3 yrs (L200)

**BA Joint Honours**

English and Politics 3 yrs (L232)
French and Politics 4 yrs (L209)
History and Politics 3 yrs (L12)
International Studies and Politics 3 yrs (L290)
Irish and Politics 3 yrs (L252)
Philosophy and Politics 3 yrs (L402)
Politics and Spanish 4 yrs (L204)

**LLB Honours**

Law with Politics 3 yrs (L602)

See also International Politics and Conflict Studies, and Politics, Philosophy and Economics (PPE).

**WHY QUEENS?**

**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.

**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.

**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 tutors 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, Colwyn Bay, Wales, BA Politics

**Exit requirements**

- BA Single Honours: A level grades of ABB
- BA Joint Honours: A level grades of ABB
- LLB Honours: A level grades of ABB

**Entrance requirements**

- BA Single Honours: A level grades of ABB
- BA Joint Honours: A level grades of ABB
- LLB Honours: A level grades of ABB

**Global Opportunities**

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“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 tutors 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, Colwyn Bay, Wales, BA Politics
**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 directional disciplines. 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 a double- or single-weighted 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 Divided 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.

### Entrance Requirements

**A-level: AAB + GCSE Mathematics grade B**

**For students whose first language is not English**

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

### WHY QUEEN’S?

Studying PPE at Queen’s has several unique advantages:

- Studying in Belfast, a regional political and economic capital, allows for one to interact 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 shared society allows one to explore how these subjects work to shape conflict.
- Small class sizes promote the building of strong 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 Omubucháin’s Office, or BBC Northern Ireland.

### 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.

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**Exit requirements:**

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

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**Course information**

School of History, Anthropology, Politics and Philosophy

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

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> “The School is of not too large a size so 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 (2013)

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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
The emphasis is on engineering science fundamentals. Adjustable modules allow the development of a broad, general base.
- CAD modules develop a key skill needed for project work in subsequent years.
- Short projects concentrate on data collection and analysis of existing products.
- The introduction to Product Design module develops specific skills related to ideation, problem-solving and design methodology.

Stage 2
Student projects form a significant part of Stage 2, focusing on the production and testing of prototypes, along with an understanding of the influence of manufacturing processes on design. Supporting modules enable the application of relevant technical knowledge, professional skills and attributes.

Stage 3
In Stage 3, BEng students undertake a major individual project while MEng students work in groups on their major project. Additional industry-focused project activities are supported by a number of external collaborators. Engineering science subjects focus on materials, manufacturing and computer-aided analysis.

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 QUEENS?
Accreditation: both the BEng and MEng degrees are accredited by the Institution of Mechanical Engineers.
International Reputation: the School has an international reputation for its contributions to the development of engineering education by playing a leading role in the CDO initiative (cdo.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.

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.

Placement: the School actively encourages one-year work placements, offering a variety of placements to its students.

Entrance Requirements

BEng
A-level:
• BBB including Mathematics and at least one from Physics (preferred), Biology, Chemistry, Further Mathematics, Technology and Design or Double Award Applied Science.

BTEC Extended Diploma:
• A relevant BTEC Extended Diploma with 160 credits at Distinction and 80 credits at Merit. Distinctions will be required in stipulated relevant units.

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

MEng
A-level:
• AAB including Mathematics and at least one from Physics (preferred), Biology, Chemistry, Further Mathematics or Technology and Design or Double Award Science.

BTEC Extended Diploma:
• A relevant BTEC Extended Diploma with 160 credits at Distinction and 80 credits at Merit. Distinctions will be required in stipulated relevant units.

CAREERS/FURTHER STUDY

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.

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, Rockwell Collins, Terex, Leckey Design, Sevencom Technologies, Whale, Soloxim, Andor, Kingspan Environmental, Nacco, Intel, 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 School provides excellent preparation for Doctoral studies within the School, particularly in the areas of advanced systems and materials and manufacturing. A few have chosen to study for a Postgraduate Certificate in Education (PGCE), becoming Technology or Mathematics teachers.

“...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 breath of projects.”

Fiona Bennington, MEng graduate (2011)

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

Course information
The Director of Education
School of Mechanical and Aerospace Engineering
w: qub.ac.uk/mechaeo
| t: +44 (0)28 9097 4117
| e: admissions@qub.ac.uk
| t: +44 (0)28 9097 4117
| e: admissions@qub.ac.uk
PSYCHOLOGY

Psychology is the scientific study of the mind and behaviour, so virtually anything related to the behaviour of humans and animals (normal or abnormal, social or personal, adult or child, subjective feelings or overt behaviour) is of interest to psychologists.

Psychology is a science, with all our students taking modules in statistics and experimental design, as required by our accrediting body, the British Psychological Society (BPS).

Our Psychology degree programme is very diverse and stimulating, and is consistently rated as 'excellent' by both our students and external examiners.

COURSE CONTENT
The first two years are spent covering the core syllabus approved by the BPS and include the following topics:
- Cognitive Psychology
- Conceptual and Historical Issues
- Developmental Psychology
- Experimental Design, Statistics and Research Methods
- Individual Differences
- Psychology
- Social Psychology

A wide range of transferable skills (for example in personal development, planning, time management, report writing, and presentation skills) is integrated into the syllabus at all levels.

Level 1
The equivalent of six psychology modules are normally taken by all students. These involve lectures, seminars, tutorials and practical laboratory work. The modules cover psychological theory, the application of psychology to everyday life and psychological research.

Level 2
Students take the equivalent of six psychology modules. These involve a mix of lectures, tutorials, practical laboratory work and statistics, and working on a group project. Students will have the opportunity to do an industrial placement year between stages 2 and 3.

Level 3
Final year modules allow students a choice of specialised topics to suit their interests and career intentions; see the School website for details. Most students will also undertake a substantial empirical study resulting in a thesis.

Work placements in final year
We have offered assessed work placements since 2013 and send over 50 students on placement across the public, private and third sectors every year.

WHY QUEEN’S?
Research-led Teaching: research in the School of Psychology has been judged to be ‘world-leading’ and ‘outstanding’ by the 2014 Research Excellence Framework (REF). The results place the School among the UK’s top 20 Psychology, Psychiatry and Neuroscience departments in terms of research impact. The impact figures reflect the School’s research knowledge is informing policy makers, developing industry partnerships and ultimately touching on the lives of thousands of individuals.

Facilities: the School has specialised facilities for human experimental psychology, movement and perception, individual differences, social psychology, child development and psychophysiology. Undergraduate students use these in their second and final years.

Contact us for more information:
Queen’s University Belfast – Undergraduate Prospectus 2019

BSc Honours
Psychology 3 yrs (C800)

Entrance Requirements
A-level:
- ABB + GCSE Mathematics grade C.
- 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 6.0 in each component or an equivalent acceptable qualification, details of which are available at: go.qub.ac.uk/EnglishLanguageReqs

CAREERS/FURTHER STUDY
The BSc Honours in Psychology is accredited as conferring eligibility for the Graduate Basis for Chartered Membership, provided the minimum standard of a 2.2 is achieved and the final year thesis is passed.

Psychology graduates possess an arguably unique combination of numeracy and communication skills, which makes them highly valued by employers in other sectors. Throughout the three years of the degree, we have embedded employability skills and opportunities which prepare our students for the world of work after graduation.

Our Psychology graduates have gone on to a wide variety of careers including journalism, human resources, teaching, social work, accountancy, and research. Other graduates are practitioner psychologists specialising in Clinical, Educational, Health, Occupational and Exercise Psychology.

Further Study
Further study is required for these careers and the School offers professional postgraduate training in clinical and educational psychology; see the School website for further information.

“Depending on the student being able to secure an appropriate placement.”

“For anyone considering Psychology at Queen’s, I would encourage you wholeheartedly to go for it. The staff, facilities and resources available won’t disappoint. The biggest draw for me was the impressive staff. Most professors work on their own research while also teaching and I enjoyed the idea of being taught by world leaders that are active within the field of psychology.”

Jessica Geiger, California, USA

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

For students whose first language is not English:
e: psychology@qub.ac.uk
t: +44 (0)28 9097 5445
w: psych.qub.ac.uk

The Secretary for BSc Psychology
School of Psychology

For more information:
e: psychology@qub.ac.uk
t: +44 (0)28 9097 5445
w: psych.qub.ac.uk
SOCIETY AND SOCIOLOGY

Social policy explores how we can improve human wellbeing through tackling intractable social problems and delivering better-quality public services. 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.

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 local (including conflict, security, climate change and social justice) to individual experiences (such as the body, beliefs and mental health).

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, Introducing Sociology

Stage 2

Stage 3
- Compulsory modules: Policy-Effective Practice, Gender, Family and Social Policy, Contemporary Irish Society, Disability and Society

Optional modules
- Religion: Death or Revival
- Modern Families, Intimate and Personal Relationships
- Norms and Social Change

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 awarded the Lockheed Prize annually.

Study Abroad
Students have the opportunity to spend time studying in one of our linked universities in Europe.

BA Joint Honours
Social Policy and Sociology 3 yrs (LL49)

Entrance Requirements
BA Sociology and Social Policy
A-level: ABB

BA Social Policy and Sociology
A-level: ABB

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

WHY QUEEN’S?

Study Abroad
The highest achieving students are awarded the Lockheed Prize annually.

Study Abroad
Students have the opportunity to spend time studying in one of our linked universities in Europe.

Entrance requirements
- BA Social Policy and Sociology
  - A-level: ABB
  - IELTS: 6.5 with a minimum of 5.5 in each test component

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.

For a Social Policy and Sociology degree at Queen’s you will assist 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 (eg social services, education, criminal justice, social work), private sector (eg market research, policy analysis, human resources), and third sector (eg 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.

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.

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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
- Ineos/Monster
- South Eastern Library Board
- REED
- Ulster University
- Queen’s University Belfast

Further Study
Students can choose from a wide range of Master’s programmes as well as a comprehensive list of research topics.

“Sociology and Social Policy was a perfect fit for me and I’ve grown to really love both disciplines. Over the last three years I’ve been inspired by my lecturers’ passion and commitment for their work and it has urged me on to carve a career path where I can work on projects that I love and feel passionate about also. In August I got a job working for NISRA and I’m currently placed in the department for communities doing policy research. It’s such a great feeling to have walked out of university and into a job where I am doing work that I really feel is worthwhile. This would not have been possible without the inspiration and motivation that I received from all my lecturers.”

Lauren Kinner, BA Social Policy and Sociology

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SOCIAL WORK

The BSW degree is a professional qualification in Social Work accredited throughout the UK and recognised in the Republic of Ireland and elsewhere. The programme is a mixture of academic study and assessed practice learning opportunities. Practice learning opportunities involve full-time work in a social work agency (85 days at Level 2 and 100 days at Level 3) supported and assessed by a Practice Teacher. A wide range of social work agency partners are an integral part of the development and delivery of the programme.

COURSE CONTENT

Modules often draw on international comparisons with a strong Irish (North and South) emphasis. Specialist teaching on the impact of the ‘Troubles’ is a feature of the BSW degree.

Level 1 (Undergraduate Route)
- Introduction to Social Sciences for Social Work
- Law for Social Workers
- Themes and Issues in Social Policy
- Psychology for Social Work
- Social Work Theory and Preparation for Practice Learning
- Sociology for Social Work

Level 2 (Undergraduate Route)
- Social Work in Context
- Research, Policy and Practice
- Social Issues across the Life Course
- Practice Learning Level 2
- Evidence Informed Case Study Level 2

Level 2 (Relevant Graduate Route)
- Introduction to Social Sciences for Social Work
- Law for Social Workers
- Social Work Theory and Preparation for Practice Learning
- Practice Learning Level 2
- Evidence Informed Case Study Level 2

Level 3 (Undergraduate and Relevant Graduate Routes)
- Social Work with Children and Families
- Social Work in Adult Services
- Social Work in Criminal Justice and the Courts
- Practice Learning Level 3
- Evidence Informed Project Level 3

WHY QUEEN’S?

Top-ranking
Social Work at Queen’s is ranked 9th in the UK (Times and Sunday Times Good University Guide 2018).

Professional Accreditations
The Northern Ireland Social Care Council (NISCC) accredits the BSW degree, followed by the Assessed Year in Employment (in Northern Ireland only).

Professional Qualification
Following an Assessed Year in Employment (AYE), graduates will be professionally-qualified social workers.

Funding
There is a non-means-tested financial support package for all Northern Ireland domiciled students studying in Northern Ireland; for further details and to check your eligibility, please visit the Department of Health website (health-ni.gov.uk). Please note that all Health Prizes are under review and may be subject to change.

International Opportunities
There are opportunities whilst on the Social Work degree to participate in summer visits to other countries to explore social work education and practice in an international context, including Germany and the United States.

Prizes
High-achieving students are awarded Brian Rankin prizes annually with a medal presented to the highest achieving graduate each year.

BSW Honours
Social Work (Undergraduate Route) 3 yrs (L500)
Social Work (Relevant Graduate Route) 2 yrs (L558)

Entrance Requirements
A-level:
BBB in GCSE Mathematics grade C or an equivalent qualification acceptable to the University.

Graduates:
minimum standard 2.2.

Relevant Graduate Entry:
students with a relevant Honours degree (minimum standard 2.2) will be considered. Applications will be considered for applicants taking the Access to Social Work BSW degree. Applicants must have a minimum of a grade C in GCSE Mathematics or an equivalent qualification acceptable to the University.

A relevant degree is a first degree in any of the following: Sociology, Psychology, Social Policy/ Social Administration; and degrees in Law, Teaching, Nursing, Community Work, Youth Work, Early Childhood Studies or other cognate subjects.

Graduate applicants must have a relevant Honours degree (minimum standard 2.2) who have successfully completed a Postgraduate Certificate in Education (PGCE) will also be considered. The classification of the applicant’s degree and employment experience in the social work field that are taken into account in the selection process.

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. Applicants are advised to have some experience in employment or voluntary work of social work nature.
3. Applicants being considered for an offer will be interviewed to assess their suitability for Social Work training. The interview is organised on an individual basis enabling eligible candidates to have a conversation 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 6.0 in each test component or an equivalent acceptable qualification is required for Social Work.

CAREERS/FURTHER STUDY

Studying for a Social Work 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 regarded by many employers (local, national and international) and over half of all graduate jobs are now open to graduates of any discipline, including social work.

Close Links with Employers
At the heart of the delivery of the degree in social work in Northern Ireland is the sense of partnership between academic institutions, practice learning providers, organisations employing social workers, the Northern Ireland Social Care Council (NISCC), students, and service users and carers. At Queen’s this is given expression through a standing committee, the Collaborative Partnership at Queen’s (CPAQ).

Employers
We have excellent links with a large number of employers across the statutory, voluntary and community sectors including, for example, Health and Social Care Trusts, the Probation Board Northern Ireland and voluntary organisations such as NSPCC, Barnardo’s, Blythe House, Women’s Aid and Positive Futures, all of whom provide practice learning opportunities to our students.

Our past students have also gained employment in a wide range of organisations such as:
- Health and Social Care Trusts
- Barnardo’s
- Positive Futures
- Extern
- Probation Board for Northern Ireland

Graduate Careers and Achievements
Although the majority of our graduates are interested in pursuing careers in social work, some do develop careers in a wide range of other sectors. Social workers are employed throughout the statutory and voluntary social services. There are many career development opportunities leading to specialist posts and to the highest levels of management within statutory and voluntary social services agencies.

The typical starting salary of graduates six months after graduation is between £21,000 and £22,000 with 90 per cent of graduates finding employment (source: Unistats).

Further Study
Further study is also an option open to social work graduates. Students can choose from a wide range of Master’s programmes as well as a comprehensive list of research topics.

Social Work at Queen’s is ranked 9th in the UK in the Complete University Guide 2018.

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, Lecturer in Social Work

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

Course information
- Dr Manil MacDonald, Programme Director (Undergraduate Route)
  e: m.macdonald@qub.ac.uk
  t: +44 (0)28 9097 3719

Dr David Hayes, Programme Director (Relevant Graduate Route)
  e: d.hayes@qub.ac.uk
  t: +44 (0)28 9097 5971
  "qub.ac.uk
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 conflict, security, climate change and social justice) to individual experiences (such as the body, 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 diverse range of subjects, such as:

- Childhood, families and gender
- Conflict, deviance, violence and peace building
- Environmental security
- Health, illness and care
- Inequalities, poverty and social exclusion
- Religion and terrorism
- Research methods and data skills (quantitative and qualitative)

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’.

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.

In final year, students study a wide range of subjects, such as family, childhood, religion and conflict.

**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 after in a variety of sectors, such as:

- Business and management
- Education and social work
- Government and public administration
- Media and journalism
- Non-governmental organisations

Our graduates have worked for organisations beyond and within Northern Ireland, such as:

- Northern Ireland Statistics and Research Agency (NISRA)
- Belfast Child
- Employment and Social Affairs
- PricewaterhouseCoopers
- Lloyd Banking Group
- Samaritans
- Northern Ireland Housing Executive

There is a range of postgraduate study options available at Queen’s, and within the School we offer the Welfare Master’s in Social Science Research, which provides the opportunity to develop and significantly advance skills in research methods, as well as substantive topics and theoretical debates.

**Why Queen’s?**

Personal Tutor

You will be assigned a personal tutor during induction. The number of academic staff will provide one-to-one support and mentoring throughout your studies at Queen’s.

Peer-mentoring Scheme

We offer a peer-mentoring scheme for Sociology students, with the support of staff and the Centre for Educational Development.

Study Abroad

Students have the opportunity to spend time studying in one of our linked universities, including in Spain (Barcelona and Sweden (Lund)).

Prizes

The Luckwill 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.

**Entrance Requirements**

**A-level**: 1B2B for BA Single Honours and BB, Joint Honours except BA Joint Honours with Criminology for which minimum requirements are ABB.

<table>
<thead>
<tr>
<th>All applicants</th>
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<tbody>
<tr>
<td>There are no specific subject requirements to study Sociology, however, if you plan to study Sociology as a Joint Honour’s degree you should refer to the subject requirements for the other course.</td>
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</table>

For students whose first language is not English

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

*Our graduates have worked for organisations beyond and within Northern Ireland, such as:*  
- Northern Ireland Statistics and Research Agency (NISRA)  
- Belfast Child  
- Employment and Social Affairs  
- PricewaterhouseCoopers  
- Lloyd Banking Group  
- Samaritans  
- Northern Ireland Housing Executive

There is a range of postgraduate study options available at Queen’s, and within the School we offer the Welfare Master’s in Social Science Research, which provides the opportunity to develop and significantly advance skills in research methods, as well as substantive topics and theoretical debates.

**“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 (2017)  
Statistical Officer, NISRA

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

Course information  
Dr Véronique Altglas  
Lecturer in Sociology  
School of Social Sciences, Education and Social Work  
e: v.alglas@qub.ac.uk  
t: +44 (0)28 9097 3838  
w: qub.ac.uk/ssesw
Queen’s University Belfast – Undergraduate Prospectus 2019

SOCIOLOGY WITH QUANTITATIVE METHODS

This programme combines the curiosity of social inquiry with the quantitative skills required to collect and analyse social data. Students receive tuition in a core social science discipline (Sociology) and in quantitative social research design, methods and analysis. Core quantitative methods modules

Stage 1
- Visualising the Social World
- Researching the Social World

Stage 2
- Theory Counts
- Social Identity: Differences and Inequalities

Stage 3
- Quantitative research project and dissertation
- Comparing the Local and the Global

Sociological modules:
- Rethinking Society
- Introducing Social Policy
- Sociological Imagination
- Digital Society
- The Power of Social Theory
- Qualitative Research Skills
- Social Inequalities and Diversity
- Childhood Matters
- Contemporary Irish Society
- Agency and the Life Course
- Modern Families, Intimate and Personal Relationships

Why Queen’s?
Unique Opportunity
Queen’s is one of only a small group of universities in the UK which, through being part of the Nuffield Foundation/Economic and Social Research Council (Q-Step Centre) initiative, is offering Sociology combined with Quantitative Methods training. The degree provides unique opportunities to tackle quantitative data analysis in a professional environment through short-term placements provided by a select group of employers.

Further information can be found on the Queen’s Q-Step website at:
qub.ac.uk/sites/QStep

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.

Prizes and Awards
The highest-achieving students in Sociology are awarded the annual Lochlann Prize. We also support our students entering essays to the annual Undergraduate Awards.

BSc Honours
Sociology with Quantitative Methods 3 yrs (L301)
See also Social Policy and Sociology

Entrance Requirements
A-level:
- BBB including Mathematics
- OR
- BBC + AS-level Mathematics grade B
- OR
- AAB + GCSE Mathematics 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

BSc Honours
Sociology with Quantitative Methods 3 yrs (L301)
See also Social Policy and Sociology

Entrance Requirements
A-level:
- BBB including Mathematics
- OR
- BBC + AS-level Mathematics grade B
- OR
- AAB + GCSE Mathematics 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

CAREERS/FURTHER STUDY

There is a recognised shortage of social scientists trained in quantitative methods to meet the demand from employers across all sectors – business, government, charities and academia. Studying Sociology with Quantitative Methods at Queen’s will assist you in developing the core skills and employment-related experiences that are valued by employers.

The diversity of topics covered in the discipline, plus the wide range of research and analytical skills it equips you with, means that our students enter a wide range of careers on graduation. The Economic and Social Research Council’s useful guide ‘Social Science by Numbers’ outlines career options for social science graduates with quantitative skills and includes short biographies of people working in a variety of jobs and sectors.

“You find quantitative social scientists working almost anywhere – as advisors and analysts for governmental and non-governmental organisations, in the pharmaceutical industry and health services, business, agriculture and lobby groups, and as lecturers and researchers in academia.”

Further Study
Further study is also an option. You can choose from a wide range of Master’s degrees as well as a comprehensive list of research areas.

“Without Q-Step it’s a simple fact that I would not be where I am right now – doing a fully funded quantitative PhD. Q-Step took the fear factor out of stats, showed how stats can be useful, and supported me alongside the University department. The Q-Step programme funded an internship and my dissertation – high points on my dissertation. Q-Step really helped me stand out.”

Karl Ferguson, BSc Sociology

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

Course information
Dr Andrew Percy, Programme Director for BSc Sociology with Quantitative Methods
School of Social Sciences, Education and Social Work
E: a.percy@qub.ac.uk
T: +44 (0)28 9097 5261
W: qub.ac.uk/ssesw
SOFTWARE AND ELECTRONIC SYSTEMS ENGINEERING

Much of modern life is based on devices and systems that are built on the interaction between software and electronics. This has fuelled advances in both the everyday, such as games consoles and smartphones, and the specialist, such as surveillance systems, smart vehicles and life-saving medical implants. This is the only computing degree at Queen’s which includes the design of computing hardware as well as software.

We are one of the few research-led UK university departments that can offer a truly integrated degree at the fast-moving interface between software and electronics disciplines. Using the example of a mobile phone, normally you need an electronics engineer to design the hardware (physical components of the phone) and a software engineer to write the programs to make it work. Someone with this degree, however, could design the whole mobile phone.

COURSE CONTENT

BEng

This degree requires three years of full-time study plus an optional sandwich 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:

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
- Design Project
- High Performance Computing
- Intelligent Systems and Control

BEng Honours
Software and Electronic Systems Engineering 3 yrs (GH6P)
Software and Electronic Systems Engineering with a Year in Industry 4 or 5 yrs (GH6Y)

MEng Honours
Software and Electronic Systems Engineering 4 yrs (GH6Q)
Software and Electronic Systems Engineering with a Year in Industry 5 yrs (GH6Y)

Entrance Requirements

BEng

A-Level:

BTEC Extended Diploma:
A relevant BTEC Extended Diploma with 160 credits at Distinction and 80 credits at Merit. Distinctions will be required in stipulated relevant units.

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.

BEng

A-Level:

BTEC Extended Diploma:
A relevant BTEC Extended Diploma with 160 credits at Distinction and 80 credits at Merit. Distinctions will be required in stipulated relevant units.

Note: MEng applicants will automatically be considered for admission to the MEng. If you are not eligible for entry to the MEng, both at initial offer making stage and when results are reviewed.

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?

Facilities: the School has a world-class reputation for research and provides excellent facilities, including access to major research centres in Secure Information Technologies (CIST), Electronics, Communications and Information Technology (EICT) and Sonic Arts (SARC).

Scholarships: students may be eligible for scholarships, eg the Schrader Electronics Scholarship and the Civica Scholarship which support at least one student each year from across a range of the School’s subject areas. Both scholarships are worth up to £25k each (see the School website for further information).

CAREER/FURTHER STUDY

Graduates in both software and electronics are highly sought-after locally, nationally and internationally. Graduates of this degree may apply for jobs in software, electronics or those combining both. There are excellent, well-paid career prospects across a wide spectrum of positions: design, research, development, production; management and sales in industries 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 and develop links with a large number of employers including, for example, Civica and Schrader Electronics Ltd, who provide sponsorship for our students, as well as Liberty IT and Kanos who are members of the employer liaison panel for the degree.

Further Study
Further study in an option – graduates can choose from a wide range of Master’s programmes as well as a comprehensive list of Open University options. See the School website for further information.

“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 Laido,
Nari, Republic of Ireland
BEng Software and Electronic Systems Engineering
Joint award winner of the Allstate NI Hackathon 2014

Entrance requirements

e: admissions@qub.ac.uk
t: +44 (0)28 9097 3835

Course information

School of Electronics, Electrical Engineering and Computer Science

e: eeeecs@qub.ac.uk
t: +44 (0)28 9097 5436

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SOFTWARE ENGINEERING

Software is a fundamental part of today’s ‘digital society’, controlling everything from the results that are displayed when you use a search engine, and how we interact on social media, through to mobile gaming. Without software, the forms of communication, interaction and knowledge-processing that we all take for granted today could not exist. In the future, software will become so embedded in our lives that virtually all of our human processes will be affected by the design and development of software. In particular, software engineers are concerned with developing and maintaining software systems in a manner that is efficient, reliable and affordable. Software engineers must also understand the needs of those who will use the software, and be able to create products that are capable, safe and intuitive.

This degree programme is designed to equip graduates with the analytical, reasoning and practical skills they will need to design, develop and deploy various software solutions such as individual app or game development and large enterprise software systems.

**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, which contains the following themes:

**Year 1**

- Programming
- Computer Architecture, Networks and Databases
- Introductory Software Engineering
- Rigorous Problem-solving

**Year 2**

- Advanced Programming (including Java, C# and Android)
- Architectures and Networks
- Data Structures, Algorithms and Programming Languages
- Information Modelling
- Software Engineering 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, Circa, Kainos (Belfast), IBM (England), Microsoft, Oracle (Dublin), Fujitsu (Japan) and Siemens (Germany), and students are assisted in obtaining placements.

**Year 3**

- Data Analysis and Visualisation
- Artificial Intelligence and Advanced Data Analytics
- Agile and Lean Software Development
- Advanced Computer Architecture
- Concurrent Programming
- Software Design Principles and Patterns
- Information System Security
- Secure Software Design
- Software Testing
- Software Engineering Project

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+1 SW (G604)

**MEng Honours**

- Software Engineering 4 yrs (G602)
- Software Engineering with a Year in Industry 5+1 SW (G600)

**Entrance Requirements**

**BEng**

- A-level: Computing, Mathematics or Software Systems Development + GCSE Mathematics grade C
- OR
- A-levels: Computing and Information Technology, GCE A-level ICT (Unit Single Award Applied ICT), Physics, Technology and Design or Double Award Applied ICT + GCSE Mathematics grade C

**BTEC Extended Diploma:**

- Relevant computing, engineering or scientific BTEC Extended Diploma with 120/100 credits of Distinction and AS/A level at GCE A level + GCSE Mathematics grade C

**BTEC Extended Diploma:**

- Relevant computing, engineering or scientific BTEC Extended Diploma with 90 credits of Distinction and AS/A level at GCE A level + GCSE Mathematics grade C

**BTEC Higher National Diploma/ Foundation Degree:**

- Relevant programmes for a relevant Higher National Diploma/Foundation Degree will be considered individually on their merits for entry to Stage 2 + GCSE Mathematics grade C

**MEng**

- A-level: Computing, Mathematics or Software Systems Development + GCSE Mathematics grade C
- OR
- A-level: Computing, Mathematics or Software Systems Development + GCSE Mathematics grade C
- OR
- A-level: Computing, Mathematics or Software Systems Development + GCSE Mathematics grade C

**BTEC Extended Diploma:**

- A relevant computing, engineering or scientific BTEC Extended Diploma with 120/100 credits of Distinction and AS/A level at GCE A level + GCSE Mathematics grade C

**BTEC Higher National Diploma/ Foundation Degree:**

- Relevant programmes for a relevant Higher National Diploma/Foundation Degree will be considered individually on their merits for entry to Stage 2 + GCSE Mathematics grade C

**Entrance Requirements**

**BEng**

- A-level: Computing, Mathematics or Software Systems Development + GCSE Mathematics grade C
- OR
- A-level: Computing, Mathematics or Software Systems Development + GCSE Mathematics grade C

**MEng**

- A-level: Computing, Mathematics or Software Systems Development + GCSE Mathematics grade C
- OR
- A-level: Computing, Mathematics or Software Systems Development + GCSE Mathematics grade C

**BTEC Extended Diploma:**

- A relevant computing, engineering or scientific BTEC Extended Diploma with 120/100 credits of Distinction and AS/A level at GCE A level + GCSE Mathematics grade C

**BTEC Higher National Diploma/ Foundation Degree:**

- Relevant programmes for a relevant Higher National Diploma/Foundation Degree will be considered individually on their merits for entry to Stage 2 + GCSE Mathematics grade C

**Year 4 (MEng)**

This four- or five-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 and Computer Science knowledge and skills. 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:

- Advanced Software Engineering
- Algorithms: Analysis and Applications
- High Performance Computing
- Principles of Parallel Programming
- Advanced Machine Learning
- Software Engineering Research and Development Project

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: emphasis is on professional and practical application of software engineering, and students are encouraged to build strong links with local software engineering companies through employer involvement in projects, lectures and other forms of teaching contact.

Scholarships: due to the high demand for Software Engineering graduates, some 15–20 scholarships are available, including some sponsored by Circa, Liberty IT and Liberty IT, worth up to £25k. All provide 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 position on graduation. For further information on these and other scholarships available, see the School website.

**CAREERS/FURTHER STUDY**

Studying for a Software 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 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. The majority of graduates take up posts associated with software design and implementation. The types of career open to Software Engineering graduates include software developer, systems analyst, web designer, games developer, programmer, IT consultant, and project manager, in fields as diverse as finance, games, pharmaceuticals, health care, research, consumer products, and public services – virtually all areas of business.
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. For further information on the employers that this programme is offered in partnership with, please see the Course Finder page accessible at go.qub.ac.uk/coursefinder.

Software is a fundamental part of today’s digital society, controlling everything from the results that are displayed when you use a search engine, through to how we interact with others on social media or access on-demand content on mobile devices. In the future, virtually all of our human processes will be affected by the design and development of software.

Developed through a very close partnership with employers, the degree apprenticeship is designed to equip graduates with the analytical, reasoning and practical skills they will need to succeed as professional software engineers. This includes developing software systems in a manner that is efficient, intuitive, reliable and affordable.

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 and 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 areas, apprentices will also develop through on-the-job learning with their employer outside of term-time (for example, working with their employer over the summer months).

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
- System Information Security
- Secure Software Design
- Malware Analysis
- Software Testing
- High Performance Computing
- Software Engineering Project

Apprentices will complete one seminar 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. Other than providing a high-quality education, we also run a wide range of extra-curricular events that expose our students to emerging technologies and provide an opportunity to explore how technology can be used to tackle important problems.

Our courses are delivered within a recently constructed, state-of-the-art facility that provides access to hundreds of modern computers alongside a diverse and flexible range of individual and group study spaces.

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
e: d.cutting@qub.ac.uk
t: +44 (0)28 9097 1194
w: qub.ac.uk/eeecs
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**

**Level 1**
- Students are required to take one core language module in each subject area, the introduction to Portuguese 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
- Portuguese
- Introduction to Portuguese Studies

**Optional Modules**
- Introduction to Iberian Studies
- Introduction to Latin American Studies

**Level 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. Students on this pathway are, therefore, strongly advised to take the Portuguese optional module.

**Core Modules**
- Spanish 2
- Portuguese 2

**Optional Modules**
- Portuguese 2
- Spanish 2

**Course Content**

**Level 1**
- Students are required to take one core language module in each subject area, the introduction to Portuguese 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
- Portuguese
- Introduction to Portuguese Studies

**Optional Modules**
- Introduction to Iberian Studies
- Introduction to Latin American Studies

**Level 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. Students on this pathway are, therefore, strongly advised to take the Portuguese optional module.

**Core Modules**
- Spanish 2
- Portuguese 2

**Optional Modules**
- Poruguese 2
- Spanish 2

### BA Honours
- Spanish and Portuguese Studies 4 yrs (BA4S)
- Available at: go.qub.ac.uk/EnglishLanguageReqs

**Entrance Requirements**

- **Post A-Level Spanish:**
  - ABB including A-level Spanish
  - Not: for applicants who have not studied A-level Spanish then AS-level Spanish grade B would be acceptable in lieu of 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 or evidence of linguistic ability in another language

- **Post A-Level Portuguese:**
  - ABB + GCSE Portuguese-grade B or evidence of linguistic ability in another language

- **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 comparable 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- or 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.

**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.

**Why Queen’s?**

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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.

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**Student Experience**

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**Careers/Further Study**

**Careers**

Graduates from this degree at Queen’s are well-received 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 – Consultations**

We regularly consult and develop links with a large number of employer’s 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.

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Jacqueline Gallagher
Northern Ireland
BA Spanish and Portuguese Studies Graduate (2014)

**Entry requirements**

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

**Course information**

Dr Gabriel Sanchez, Head of Area
(Spanish and Portuguese Studies) School of Arts, English and Languages

- e: g.sanchez@qub.ac.uk
- t: +44 (0)28 9097 3636

- m: qub.ac.uk/ale
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

Level 1 Modules
- Spanish 1
- Intermediated Spanish
- Spanish for Beginners
- Introduction to Latin American Studies
- Introduction to Latin American Literature
- 5th and 6th modules to be chosen from agreed list

Level 2
Core Module
- Spanish 2

Optional Modules
- Issues and Cultures of the US-Mexico Borderlands
- Affairs, Ruses and Mystics of the Spanish Golden Age
- Spanish Memoirs and Autobiographies
- The Fantastic in Latin America

Year Abroad
- Working and Studying Abroad
- International Placement

Level 3

Core Module
- Spanish 3

Optional Modules
- Restoring Love in the Renaissance
- Inner Journeys
- Failed Romances of Latin American Literature
- Imperfect Heroines: Spanish Fiction in the 19th and 20th Centuries

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 of a number of fields, including media, print journalism, translating, marketing, local government, fast-track 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.

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.

BA Single Honours

Spanish 4 yrs (0410)

BA Joint Honours

Archeology and Spanish 4 yrs (LR64)

English and Spanish 4 yrs (0294)

French and Spanish 4 yrs (RR44) (see page 190)

History and Spanish 4 yrs (RV44)

International Studies and Spanish 4 yrs (LR64)

Irish and Spanish 4 yrs (LR54)

Politics and Spanish 4 yrs (LR04)

In addition, Spanish may also be studied as part of the following degrees:

BA Honours

Archeology with Spanish 4 yrs (LR64)

BSc Honours

Accounting with Spanish 4 yrs (N464)

Economics with Spanish 3 yrs (LR44)

International Business with Spanish 4 yrs (R944)

LLB Honours

Common and Civil Law with Spanish 4 yrs (MJ824)

MSci Honours

MSci Chemistry with Spanish 5 yrs (MO124)

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 AS-level Spanish then A-level Spanish grade B would be acceptable in lieu of A-level Spanish.

A-level

ABB or GCSE Spanish B grade or an evidence of linguistic ability in another language.

Note: the Beginners’ options are 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 joint 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: http://www.qub.ac.uk/international/admissions.html.

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, travel/tour operating, PR, fast stream Civil Service, and banking.

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 Moya Park/WARFRG 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 Assistants Programme, Santander UK, BAE Systems.

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, Cameo Productions
- 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.

Modern Languages and Linguistics at Queen’s were ranked 5th in the UK in for research (Times Higher Education rankings based on REF 2014), Modern Languages at Queen’s are also ranked in the top 200 in the world (QS World Rankings by Subject 2017).

“...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 (2017)

Entrance requirements

A: +44 (0)28 9097 3636
E: admissions@qub.ac.uk
T: +44 (0)28 9097 3388

Course information

Dr Gabriel Sanchez, Head of Area
(Spanish and Portuguese Studies)
Studying Spanish and Portuguese Languages
C: +44 (0)28 9097 3388
E: g.sanchez@qub.ac.uk
T: +44 (0)28 9097 3388
W: qub.ac.uk/latam

Queen’s University Belfast – Undergraduate Prospectus 2019
Queen’s University Belfast – Undergraduate Prospectus 2019
**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, with its emphasis on the application of theory to the practical situation through design, laboratory, field courses and studio 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. At the end of Stage 1 all students take part in a week-long residential surveying field course.

**Stage 2**

The major knowledge of civil engineering subjects, concentrating on structural engineering and 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.

**Stage 3**

Students can now apply their theory in a professional context. They 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 4**

The MEng is an Integrated Master’s degree, meaning Stage 4 is set at Master’s level. Students develop increased knowledge of structural design related to architecture and business management and work in teams on large integrated projects.

**Option to Transfer:** students may be eligible to transfer to the BEng Civil Engineering degree if they are not eligible for entry to the MEng degree both at initial offer-making stage and on offer acceptance.

**Entrance Requirements**

**A-level:**

AAB including Mathematics and at least one from Biology, Chemistry, Computing, Digital Technology, Geography, ICT (not applied), Physics, Software Systems Development, Technology and Design.

**BTEC Extended Diploma:**

A relevant BTEC Extended Diploma with 160 credits at Distinction and 20 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 B in GCSE Physics or GCSE Double Award Science grade BB.

**Note:** applicants for the MEng degree will automatically be considered for admission to the MEng Civil Engineering degree if they are not eligible for entry to the MEng degree both at initial offer-making stage and after 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 Band 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

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, e.g 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.

**Why Queen’s?**

Accreditation: this degree is accredited as fully satisfying the educational base for a Chartered Engineer (CEng) via JBM and QAA.

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 sponsored trips 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.

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**

a: admissions@qub.ac.uk

t: +44 (0)28 9057 3838

e: snbe@qub.ac.uk

Queen's University Belfast – Undergraduate Prospectus 2019
THEOLOGY

The BA in Theology at Queen’s gives students the opportunity to explore theological thinking from a variety of perspectives within the discipline of Theology and Religious Studies. It also offers an important context for understanding how religion affects and shapes society, and how it informs and draws upon insights from other disciplines. Our modules in Theology cover the four core areas of Biblical Studies, Systematics, Church History and Practical Theology and students also take, according to their particular area of interest, courses from Anthropology, English, History and Philosophy. Our teaching and assessment methods range from traditional lecture and seminar-based work, to field-trips and placement activities.

Our programme is diverse and inclusive, and we welcome all students who wish to develop breadth of vision and understanding of the place and role of Theology and Religion, in both the past and the present.

COURSE CONTENT

Stage 1

Compulsory [100 CATS]

• Religion, Faith and Society: Perspectives on belief
• Beyond Paradise: an introduction to the Pentateuch
• Early Church History
• Introduction to Jesus and the Gospels
• Introduction to Practical Theology

20 CATS to be taken from a range of modules from the Faculty of Arts, Humanities and Social Sciences, a sample of which is given below:

• Introduction to Biblical Texts
• Introduction to Biblical Languages
• Introduction to Logic
• Philosophy and the Good Life
• Sounds of the City

Stage 2

80 CATS to be taken from the following:

• Old Testament Historical Books
• Biblical Theology
• Letters of Paul
• The Revelation of John in Western Interpretation and Imagination
• The Christian Doctrine Tradition
• In Search of the Good Life: Ethics from Plato to Postmodernity
• C.S. Lewis: Christian author and apologist
• Theology and Religion

Study of World Religions

• Christianity in Ireland since the Reformation
• Church History Project: Boyne Valley Fieldtrip
• Youth Ministry 1

40 CATS to be taken from a range of modules from the Faculty of Arts, Humanities and Social Sciences, a sample of which is given below:

• Philosophy for Children
• Contemporary Political Philosophy
• Applied Ethics
• Philosophy of Law
• Philosophical Theology
• Scholastic Metaphysics
• Philosophy of Science
• In Gods We Trust: the new science of religion
• Women’s Writing 1860-1920
• Sociology of Religion
• Rise of Christianity 2: the Conversion of the Roman Empire

• Modernity in Missions: overseas Christian expansion, 1858–1990s

WHY QUEEN’S?

Global Opportunities

You will have the opportunity to take part in field trips to Belgium or Italy as well as elsewhere in the UK and Ireland. Erasmus exchanges (typically one semester long) are available in Budapest (Hungary) and Kampen (the Netherlands) or you may avail of the Study USA programme.

Internationally Renowned Experts

By its very nature, and of necessity, Theology is authentically rooted in and focused on its immediate community setting; accordingly, all College staff are experienced and active practitioners in the Irish and British contexts. In addition, some enjoy international recognition and exposure, or have practised/ taught or published, in Europe, North America or the developing world.

Student Experience

Theology students give a 93 per cent overall satisfaction rate for their degree in the results of their work in a variety of media.

Employment after the Course

Many fields for successful graduates. Holders of a Theology degree will have demonstrated through their studies a capacity for assessing problems, exploring solutions and presenting the results of their work in a variety of media.

Skills to Enhance Employability

The analytical and communication skills that are essential to theology are also recognised as important attributes for careers in many other areas, so there are job opportunities in many fields for successful graduates. Holders of a Theology degree will have demonstrated through their studies a capacity for assessing problems, exploring solutions and presenting the results of their work in a variety of media.

Employment after the Course

• Social and community workers
• Teachers (primary and secondary)
• Civil servants
• Lawyers
• Journalists and media commentators
• Business, finance and related associated professionals
• Sales and customer services

Graduate employers include DEL, PCI, Lloyd’s Banking Group, Housing Executive, Health and Social Care Trust.

“...be considered individually on their own merits. For students whose first language is not English...”

Nathan Wallace, BA Theology

In the Guardian University Guide 2018, Theology at Queen’s was ranked in the top 20 UK universities for Theology and Religion.

Entrance requirements

w: qub.ac.uk/ithe

The Director

Course information

The Director

Institute of Theology

e: theology@qub.ac.uk

t: +44 (0)28 9097 3838

m: +44 (0)28 9097 3612/3656
Zoology is the study of animals, from the simplest invertebrates to the largest land 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. Emerging progress is being made in animal biology and behaviour, animal health and welfare and in the management of animal communities, 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. Transfers between BSc and MSci may be possible at the end of Stage 2.

Stage 2
- Coastal and Oceanic Biology
- Animal Biology and Physiology
- Cell Biology
- Invertebrate Biology
- Applied Ecology
- Applied Genetics
- Microbes in Action
- Work Placement

Work Placement
- Zoology students can complete a 10-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. Preparation of work placements will begin in the first semester of Stage 2. Recent placements have included Harvey Wildlife Foundation (Namibia), Kindred Spirit Elephant Sanctuary (Thailand), Wildfowl and Wetlands Trust.

Stage 3
- Conservation Biology
- Animal Behaviour
- Future Oceans
- Global Change Biology
- Immunology and Pathogenesis of Infectious Diseases
- Parasitology
- Zoosnakes
- 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 and Animal Behaviour.

Stage 4 (MSci Students only)
- Research Project

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 and Animal Behaviour. Exciting possibilities are also available abroad with our collaborations involved in conservation projects in Africa, America and Thailand.

BSc Honours
- Zoology 3 yrs (C303)
- Zoology with Professional Studies 4 yr (C30309)

MSci Honours
- Zoology 4 yrs (C302)
- Zoology with Professional Studies 5 yr SW (C30319)

Entrance Requirements
BSc A-level
- IDD including Biology and at least one From Chemistry (preferred), Geography, Mathematics or GCSE Double Award Science at A* + GCSE Mathematics grade C or B.
- IDD including Double Award Applied Science at A* + GCSE Mathematics grade C or B.

MSci A-level
- IDD including Biology and at least one From Chemistry (preferred), Geography, Mathematics or Physics + GCSE Chemistry grade C or B.
- IDD including Double Award Applied Science at A* + GCSE Mathematics grade C or B.

Note: MSci applicants will automatically be considered for admission to the BSc if they are successful at the MSci. BSc and MSci are not making stage and when results are released, All applicants: It would be an advantage to take Further Mathematics beyond GCSE level.

Option to Transfer: between BSc and MSci

For students whose first language is not English
An IELTS score of 5.5 with a minimum of 5.0 in each sub-test and applicants with acceptable qualifications, details of which are available at: go.qub.ac.uk/EnglishLanguageReqs

WHY QUEEN’S?

Professional Recognition
The most generally appropriate professional body for graduate biologists is the Society of Biology, the leading professional body representing practicing scientists, students at all levels and professionals in academia, industry and education.

Work Placement
Work placements on these programmes provide students with the opportunity to utilise the practical skills gained during the taught phase and apply these in a work environment.

Past students have gained work placement within organisations such as Northern Ireland Environment Agency, Castle Espe, National Trust, North Atlantic Whale Foundation, Ulster Wildlife Trust, Health Service and the Harnas Wildlife Foundation, Kindred Spirit Elephant Sanctuary, Turtle Foundation and many more.

Zoologists at Queen’s now 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, Namibia or Namibia as well as many other countries through Operation Wallacea.

CAREERS/FURTHER STUDY
Graduates are qualified to take up both scientific and non-scientific careers. These possibilities include 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 as problem solvers, data analysts, 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.

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 the process of securing summer work or longer placements. Students and graduates have secured placements and jobs with:
- Northern Ireland Water Ltd
- Environment Agency
- Forensic Science
- Moyle
- North Atlantic Whale Foundation
- National Trust
- Royal Society for the Protection of Birds
- RSPB
- Lubbock Laboratories Ltd
- The Almac Group
- Ulster Wildlife Trust
- Castle Espe
- Belfast Zoo
- HSIE
- Kindred Spirit Elephant Sanctuary
- Harnas Wildlife Foundation
- Turtle Foundation
- Wildfowl and Wetlands Trust

Further Study
Many students complete higher degrees, either in the UK or overseas, before embarking on a career in medical, 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.

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.

Why Queen’s provides an excellent framework to develop essential field-working, laboratory and statistical skills, transferable to numerous career pathways. It wasn’t just that I had a good Honours degree in Zoology - more the fact that I had a degree from one of the finest Universities in the world.”

Jonathan Scott, TV presenter, award-winning wildlife photographer, conservationist and Queen’s Zoology graduate

“Studying Zoology at Queen’s gives you such a broad variety of options and opens many doors. I now run my very own elephant sanctuary and foundation by working with the local people to bring their elephants away from tourism and home to the forest - Kindred Spirit Elephant Sanctuary.”

Kerri McCrea, Manager and Co-Founder of Kindred Spirit Elephant Sanctuary, Thailand and Queen’s Zoology graduate
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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 6 September 2018
Friday 7 September 2018
Saturday 8 September 2018 (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
Welcome Week
Monday 16 September – Friday 20 September 2019
Autumn Semester
Monday 23 September – Friday 11 December 2019
Christmas Vacation
Monday 16 December 2019 – Friday 3 January 2020
Spring Semester
Monday 6 January – Friday 27 March 2020
Easter Vacation
Monday 30 March – Friday 11 April 2020
Assessment And Development
Monday 20 April – Friday 29 May 2020

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 3225
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.

GET IN TOUCH
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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.