

Queen's University Belfast

### POSTGRADUATE PROSPECTUS 2017

qub.ac.uk







#### WELCOME

Queen's University is among the top one per cent of global universities, and I am delighted that you are considering joining us here in Belfast. A progressive city, in recent years it has become a vibrant hub for the creative and tech sectors, and known for its welcome, accessibility and affordability.

From the day you arrive at Queen's, you will be part of a world-class international university which is supporting exceptional students and staff, working in outstanding facilities, conducting leading-edge education and research, focused on the needs of society. With access to academics who are global leaders in their field, you will also enjoy our world-class campus, our award-winning student accommodation and outstanding sporting facilities.

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I do hope you choose Queen's - we look forward to welcoming you and ensuring that your time here becomes the platform for a truly wonderful, exciting and fulfilling career.

Patile Johnton

Professor Patrick G Johnston President and Vice-Chancellor

# WELCOME TO QUEEN'S UNIVERSITY BELFAST

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Visit our online Course Finder go.qub.ac.uk/coursefinder

Queen's University

Belfast







Postgraduate education is

campus. Over the next 10

in our infrastructure - into

our laboratories and other

of all – our new Graduate

postgraduate community -

School, the hub of our

was opened in 2015.

The most important investment

teaching resources.

vears we'll invest £350m

ever-evolving, and so is our

### WHY POSTGRADUATE STUDY AT QUEEN'S?

We aim to give our students the right equipment to make a real difference in their chosen careers and fields, with a strong focus on encouraging them to develop critical thinking and leadership skills.

With the launch of our Graduate School, we have set our sights on becoming a leading global centre for postgraduate research and study.

### SHARE IDEAS

Our postgraduate culture thrives on a collaborative network – students and academics from different disciplines working together and driving research with a shared vision.

Our postgraduate community is built on a foundation of exceptional teaching, cutting-edge research, innovation, collaboration and engagement. This is one of the reasons why our Graduate School has been ranked 1st among 159 universities worldwide (International Student Barometer 2015).

### YOUR INTERNATIONAL PASSPORT

As a postgraduate student, you'll have numerous academic and professional opportunities through our international collaborations. We develop new partnerships constantly, feeding back into our position as a global institution and providing you with the chance to broaden your university experience.

### RESEARCH THAT INFORMS YOUR STUDIES

As a member of the Russell Group, we are one of the UK's 24 leading research-intensive universities. Our academics are active researchers and their work informs all of our courses, meaning that what you learn is as relevant and up to date as it can be. This is backed up by our results in the most recent Research Excellence Framework in 2014: we have 14 subject areas ranked within the UK's top 20. Six of these are in the top 10, and two in the top five.

### AWARD-WINNING TEACHING

You'll be taught by 'worldleading academics' (Guardian University Guide 2016). By learning from and working with the best, you'll get the chance to be the best.

In 2014, Dr Joe Duffy was named one of the UK's most outstanding teachers. He was awarded a National Teaching Fellowship by the Higher Education Authority (HEA) – one of the most prestigious annual awards in higher education in the UK.

### INVESTING IN YOUR FUTURE

Although we're one of the UK's oldest universities, we are constantly investing in our facilities to provide you with a 21st-century experience.

### FOCUSING ON YOUR EMPLOYABILITY

As a postgraduate student with us, you'll reap the rewards. Our William J Clinton Leadership Institute provides executive programmes through its relationships with business experts, and our Degree Plus and Researcher Plus initiatives help our students gain key leadership positions both nationally and internationally.

And that's not all – the latest campus developments include new School buildings for Law, Computer Science and Biological Sciences.

We always have our eye on the bigger picture – 93.5 per cent of Queen's graduates are in employment or further study six months after graduation (HESA Destination of Leavers from Higher Education Survey, 2014/15).

### THE GRADUATE SCHOOL

### THE GATEWAY TO YOUR POSTGRADUATE EXPERIENCE AT QUEEN'S

The Graduate School offers an intellectual and social hub that connects students across all disciplines to one another, and to mentors, leaders, and employers within the University and beyond.

We support you in becoming 'what's next thinkers', training you to be thinkers, communicators, innovators and leaders who are future-ready.

### **STATE-OF-THE-ART HUB**

Based in the beautifully restored and remodelled Victorian Lynn library, this fullyaccessible space has modern, hi-tech meeting and group study rooms, a silent-study area and social spaces creating a vibrant hub for intellectual exchange and collaboration.

### HELPING YOU MAKE VALUABLE CONNECTIONS

You'll benefit from our collaborations with leaders across business, government and the voluntary sector, both locally and globally, helping to create mentoring relationships and networks, and we enjoy international partnerships with other Graduate Schools.

### A DIVERSE, INTERDISCIPLINARY COMMUNITY

We are a community of creative thinkers and world changers, collectively searching for solutions to create a better tomorrow.

This is the place where physicists work alongside linguists to develop leadership skills, where medics collaborate with creative artists to communicate their research to a non-specialist audience, and where engineers seek the perspectives of philosophers to tackle global challenges.

> Find out more qub.ac.uk/postgraduate

### **STAND OUT FROM THE CROWD**

We provide high-quality, transdisciplinary training and development programmes that aim to make you stand out in an increasingly competitive local and global job market.

We'll help you become future leaders by providing the conditions for you to apply your knowledge to real-world challenges, giving you the confidence and skills to gain an edge in employability.

### **OUR DEVELOPMENTAL PILLARS**

The Graduate School will support you to be a Thinker, Innovator, Leader, and Communicator who is Future Ready.

These five pillars guide your journey through the Graduate School, supporting the development of your knowledge-base and key competencies, allowing you to test and communicate your ideas with impact to any audience.



### **OUR PILLARS**



**THINKER** Reflective Critical Flexible Disruptive



### FUTURE-READY

Confident Resilient Employer-focused Networked



COMMUNICATOR Academic writers Public engaged

Socially networked

Professional presenters

LEADER Visionary Strategic Self-aware Collaborative



INNOVATOR Creative Business aware Risk manager Insight driven

### YOUR TAILORED PROGRAMME

The Graduate School offers a tailored developmental programme to help inspire and empower you to reach your full potential; all embedded within a continuous process of reflection and selfevaluation.

### OUR APPROACH IN ALL OF THESE PROGRAMMES IS TO:

**Inspire** you through access to thought leaders. **Develop** your skills through an individual training programme.

**Apply** these skills and knowledge through realworld challenges.

At every stage of your individual journey, we provide specialist support and feedback.



Welcome and Induction

Individual needs assessment

Create your own tailored programme which meets your development needs

Ongoing, specialist support to help you realise what's next for you

All within an engaging, vibrant, inclusive postgraduate community





# YOUR FUTURE CAREER



We are committed to ensuring you stand out from the crowd. This is why we provide exciting, highquality training and development programmes on top of your core degree programme, and why careers guidance is an integral part of all our courses.

### **ONE-TO-ONE CAREERS GUIDANCE**

Our reputation means you, as a Queen's graduate, will be recognised internationally, giving you a competitive edge in the global careers market.

Our team of careers consultants can help you plan your route from study to employment, giving expert advice at our dedicated Student Guidance Centre.

We provide one-to-one careers guidance to all postgraduate students.

You'll also have access to our employment portal MyFuture, where you can search internship and job opportunities as well as book an appointment.

### **BECOME A FUTURE LEADER**

We want to nurture you, as a Queen's student, to push beyond boundaries and gain an edge in the global employment market.

We form valuable links with leaders across business and government to create mentoring relationships and networks.

### GAIN SKILLS BEYOND YOUR CORE DEGREE

We bring together leading academics and business experts to provide you with executive programmes.

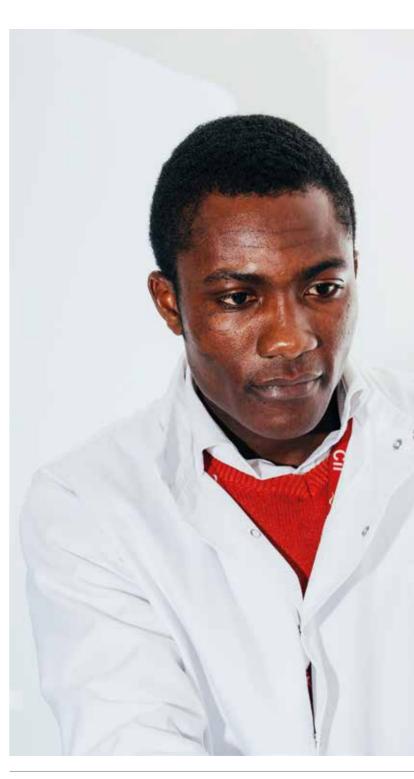
These equip you with essential skills including presenting, entrepreneurship and interview preparation as well as subjectspecific career discussions related to your degree and the opportunities it provides.

Employers recognise our Degree Plus and Researcher Plus awards, which reward extracurricular activity such as part-time work, volunteering or involvement in sports, clubs and societies.

### IF YOU HAVE A MASTER'S DEGREE, YOU WILL EARN ON AVERAGE £5,500 MORE PER YEAR (THAT'S £200,000 OVER A 40-YEAR WORKING LIFE) THAN IF YOU JUST HAD A BACHELOR'S DEGREE.

### (SUTTON TRUST, 2013)







### POSTGRADUATE CAREER EVENTS

As well our usual careers and employer events, The Graduate School hosts careers events specifically for you as postgraduate students, which are are designed to meet your needs and give you the opportunity to engage with postgraduate alumni and relevant employers.

### POSTGRADUATE RESEARCH CAREER DEVELOPMENT PROGRAMME

Postgraduate Research students have access to a tailored PGR Careers Programme including workshops, joint PGR/postdoctoral networking seminars, career events and development programmes, designed to help prepare you for successful transition into your chosen career pathway.

### **RESEARCHER PLUS AWARD**

This provides official recognition of transferable skills developed during your research degree programme.

> Find out more go.qub.ac.uk/PGCareers

# RESEARCH WITH **GLOBAL** IMPACT A SPIRIT OF INNOVATION AND INVENTION DRIVES OUR CONTRIBUTION TO SOCIETY

### A VIBRANT POSTGRADUATE AND POSTDOCTORAL COMMUNITY

Our commitment to innovation creates an environment for students and researchers to flourish, with flagship programmes bringing together researchers from a wide range of disciplines to tackle some of the greatest global issues of our age.

Placed 8th in the UK for Research Intensity, the 2014 REF results confirmed our place as a world-leading centre of research excellence.

This research excellence benefits both taught and research students, where academic staff are among the leading scholars in their field, and our research is intertwined with our postgraduate programmes.

### PROGRESS THROUGH INTERNATIONAL COLLABORATION

Global networks are critical to our future success and our researchers work closely on ground-breaking work with more than 250 institutions and partners around the world.

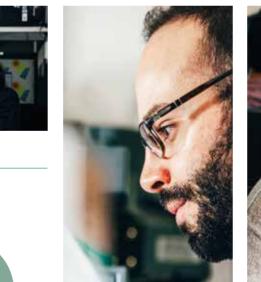


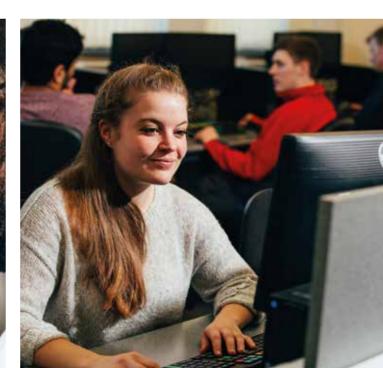
### **OUR RESEARCH IS SHAPED BY THREE BROAD THEMES:**



















Our Global Research Institutes (GRIs) are flagships for interdisciplinary research in areas of major societal challenge.

### THE INSTITUTE FOR GLOBAL FOOD SECURITY

Developing solutions to the complex problem of how to deliver safe, nutritious food from farm to fork, worldwide.

### THE SENATOR GEORGE J MITCHELL INSTITUTE FOR GLOBAL PEACE, SECURITY AND JUSTICE

Answering the challenge of how to build a peaceful, secure and inclusive world.

### THE INSTITUTE OF ELECTRONICS, COMMUNICATIONS AND INFORMATION TECHNOLOGY

Addressing the challenges of collecting, storing, securing and analysing digital data.

### THE INSTITUTE FOR HEALTH SCIENCES

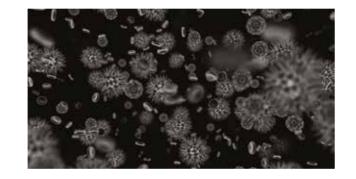
Bringing together our expertise in cancer, respiratory conditions, eye disease and diabetic complications.

> Find out more qub.ac.uk/Research/GRI

### **RESEARCH SUCCESS**



Queen's expertise in modelling hybrid vehicle engines helped Wright Group to secure the £230m 'New Bus for London' contract.



Queen's discovery of a new drug, 'Ivacaftor', has been approved for use in Cystic Fibrosis patients and is described by the US FDA as 'a revolution in how we treat patients in the future'.



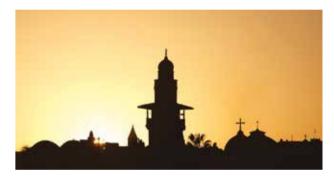


A discovery by Queen's researchers demonstrates that the drug 'Avastin' can treat wet age-related macular degeneration and potentially save the NHS £84m per year.



Our researchers in the Centre for Experimental Medicine are at the front line of the war against superbugs and antibiotic resistance.





Our Centre for Secure Information Technology (CSIT) is used as the exemplar in the Cabinet Office, BIS and RCUK as to how UK universities could and should impact on wider society.

We are helping societies both in conflict and peace-building, informing and advising some of the highest diplomatic decision and policy-making in the Middle East.



Academics at The Institute for Global Food Security are 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 growing population.



Our School of Law is home to Professor Phil Scraton, known globally for his work on the Hillsborough Independent Panel and his key role in uncovering the truth about the Hillsborough Disaster.

# **GLOBAL COMMUNITY**

OUR COMMUNITY IS GLOBAL IN MORE WAYS THAN ONE:

GLOBAL IN ITS MAKEUP - DIFFERENT CULTURES AND NATIONALITIES - AND GLOBAL IN ITS APPROACH - DIFFERENT DISCIPLINES, OPINIONS AND BACKGROUNDS JOINING TOGETHER

At the heart of everything we do is a focus on working together.

### **A DIVERSE COMMUNITY**

Some 1.900 international students from over 80 countries currently study at Queen's.

The majority from outside the European Union come from China, Malaysia, the United States, the Indian subcontinent, Taiwan, Brunei, the Middle East and Canada.

Our cosmopolitan atmosphere is reflected in the area around the University - the Queen's Quarter is one of the most ethnically diverse, culturally rich parts of Northern Ireland, with supermarkets, halal grocers and restaurants such as the Asia Supermarket and the Bangla Bazaar within a 10-minute walk of the main campus.

### **A VIBRANT** ENVIRONMENT

From the minute you walk into The Graduate School, we want you to feel part of this community - integrated into a

academics alike.

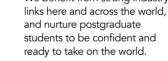
student-led initiatives.

We want to get you, our postgraduate and postdoctoral students, collaborating, expanding your knowledge through conversation, working across different disciplines and feeling the confidence to articulate new ideas.

# We benefit from strong industry

vibrant, interactive and global community where your opinions and ideas are valued, where you can interact with students and

Our Graduate School is a place to inspire and challenge, an environment that encourages





### PREPARE TO GET INTO UNIVERSITY STUDY **AT QUEEN'S**

INTO Queen's University Belfast is a college of the University, which provides a range of academic preparation and English language courses to help you prepare for future study at Queen's

As an INTO student, you'll be a full member of the University and have access to all our academic. welfare, social and sports facilities; and you will join an international student community with many other new students who share your experience and ambition.





For further information on any courses available at INTO Queen's, please contact us:

t: +44 (0)28 9097 6850 e: into@gub.ac.uk intohigher.com/gueens

Our international students go on to effect change all over the world in fields as diverse as medicine, civil engineering and music, and the list of active graduate associations in places such as Hong Kong, Malaysia, Jordan, Canada and the United States is growing all the time.



### SUPPORT AND WELCOME FOR INTERNATIONAL **STUDENTS**

International Airport – and make

sure you get to your new home.

Find out more at <u>gub.ac.uk/isso</u>

If you're a new arrival, when you

get to Queen's, our dedicated

welcome and orientation team

will help you settle in quickly

giving you the opportunity to

meet staff from International

and, of course, your fellow

students.

Student Support, academic staff,

Students' Union representatives

to life with us at Queen's,

We organise events and activities on campus and will tell you everything you need to know about key student services.

When you arrive at the airport, Full details are available from we'll come and meet you off the gub.ac.uk/welcome plane – at either George Best Belfast City Airport or Belfast

**HELPING YOU SETTLE IN** 

Our International Student Support team will be delighted to hear from you before you arrive and are happy to answer any questions you might have.

They also offer specialist visa and immigration advice for prospective international students, and you can get in touch with them at iss@gub.ac.uk

> Find out more qub.ac.uk/isso gub.ac.uk/International





As a modern capital city, Belfast is a compact, welcoming and inexpensive place to live and study. Queen's University is located in the heart of Belfast, in the leafy Queen's Quarter district.

Belfast's rich history accounts for its unique character and culture. With an atmosphere quite unlike anywhere else, the city combines historic spaces with a creative, colourful feel that students love.

# THE BELFAST EXPERIENCE

### LIVE, LEARN AND BE INSPIRED

A boutique campus with character, heritage and ambition, Queen's University is one of Belfast's great architectural treasures.

### **A LOW COST OF LIVING**

Belfast is more affordable than every other major student city in the UK (Mercer, 2016).

At an average of £46 per week, Belfast was found to have the cheapest weekly rent than anywhere else in the UK in 2016 (Marbles.com).

The average student here also only spends £16 a week on food shopping, well below the national average of £24. With less money spent on rent, amenities and food you'll have more left over to experience Belfast's amazing culture.

### **GETTING AROUND**

Belfast is best explored on foot or by bike, and our central campus means that most places are within a short walking distance. The city is well connected by frequent bus and train services, with student travel discounts widely available. And you can make use of the popular Belfast Bikes scheme too.

### ENJOY A BUZZING SOCIAL AND CULTURAL SCENE

Belfast offers a huge selection of places to shop, socialise, eat and relax, for all budgets and interests.

### WORLD-CLASS ARTS, CULTURE AND MUSIC

We're at the heart of a city of artists, poets, authors and musicians and their influence is felt everywhere.

From intimate galleries to international artists, Belfast has it all, including our very own Naughton Gallery and Queen's Film Theatre. The Ulster Museum is close to the campus and hosts a number of significant art collections as well as contemporary exhibitions.

### LIVE MUSIC AND FRIENDLY LOCALS

The cobblestoned streets of Belfast's Cathedral Quarter are home to bustling restaurants, pubs and arts venues, where modern street art and live music create the legendary Belfast buzz.

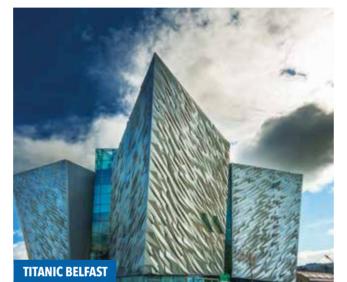
"The friendliness of the people is what's most appealing in this small and very walkable city, from smiling servers to talkative bartenders to helpful strangers on the street." [36 hours in Belfast], New York Times, 2015.

A wide range of arenas, concert halls, theatres and clubs play host to stand-up comedy, theatrical performances and international artists. Our own Students' Union regularly hosts DJs, bands and comedy gigs.

### TRANQUIL NATURAL BEAUTY THAT'S EASILY ACCESSIBLE

The campus is surrounded by open spaces and beautiful parks, offering great opportunities for exploration and exercise. A riverside cycle along the nearby River Lagan will bring you through meadows, woods and historic canals.





Cavehill, just a few miles from the city centre, offers stunning views over Belfast City and the Lough towards the Mourne Mountains. Thought to be the inspiration behind Jonathan Swift's Gulliver's Travels, it is said that Cavehill resembles the shape of a sleeping giant that's safeguarding the city.

### SHOPPING

Belfast offers shoppers a mix of established worldwide brands, independent boutiques and artisan markets. City centre shopping centres such as Victoria Square and Castle Court offer the best of High Street shops to suit all tastes. Take the climb to the top of Victoria Square, to the glass dome which offers panoramic views of the whole of Belfast city centre.

Queen's University Belfast - Postgraduate Prospectus 2017





### FOOD AND DRINK

From authentic Irish bars to independent coffee houses, hidden speakeasy cocktail bars to artisan delis, and market-fresh street food to Asian supermarkets, you'll find sumptuous cuisine from practically every nation and to suit any budget across the city and campus. Queen's Quarter is always buzzing with life, with lots of opportunities to catch up with friends over coffee or grab lunch between lectures.

### A CITY WITH A PASSION FOR PROGRESS

The world's most famous ship, the Titanic, was built here in Belfast.

Today the city is one of Europe's most connected cities, and one of the UK's fastest growing economies, leading advances in technology and innovation. Entrepreneurs thrive alongside established multinational businesses, with clusters of expertise in everything from aerospace to wave power.

It's the perfect city for you to connect with potential future employers from all sectors, gaining an insight into possible careers.



### **ADVENTURE BEYOND THE CITY**

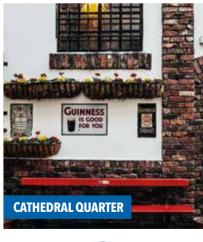
Northern Ireland is renowned for its beautiful beaches, epic landscapes and coastal scenery, as well as fascinating history and cultural heritage, all a comparably short distance from Belfast.

Travel along the Antrim Coast Road to the legendary Giant's Causeway, or climb to the top of Slieve Donard, our most famous peak.

The HBO television show Game of Thrones is filmed throughout various spectacular locations around Northern Ireland. Tour the mountains, forests, castles and coastline featured on-screen to see for yourself why Northern Ireland was chosen as the perfect backdrop.

### A UNIQUE STEPPING STONE TO EUROPE

It's the perfect UK study destination for students who want to easily explore Ireland, the UK and mainland Europe. Belfast is a short flight from all other major UK cities, including London, Edinburgh and Manchester. We're also just a couple of hours away from Dublin.



Find out more go.qub.ac.uk/Life-in-Belfast

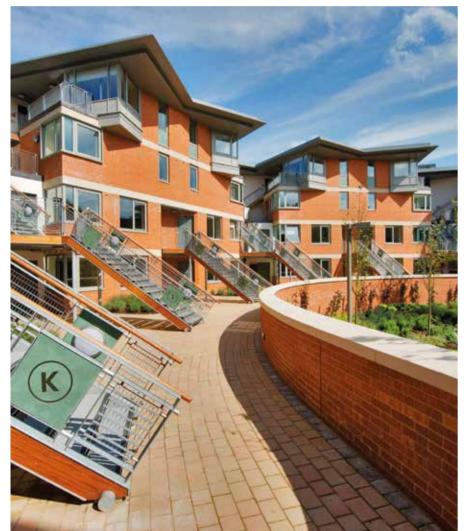
# ACCOMMODATION

### STUDYING IN A CITY LIKE BELEAST IS A FANTASTIC EXPERIENCE. IT'S EVEN BETTER WHEN YOU KNOW YOU'RE LIVING SOMEWHERE SAFE, COMFORTABLE AND AFFORDABLE

Queen's offers a range of accommodation for our postgraduate students, in a secure, sociable location that is also a suitable study environment.

Accommodation is offered on a self-catering basis, and is within a short walk of university facilities including the sports centre, library and most key campus buildings, with plenty of local bars, shops and cafes nearby for your convenience.









### WHAT WE OFFER

#### Contemporary apartments tailored to Postgraduate and International students

Located a short walk from the main campus, our purpose-built postgraduate accommodation, Willow Walk, offers a mix of studio, one-, two-, three-, and four-bedroom apartments, each with a modern contemporary design. Apartments are light and spacious, and each study bedroom has a double bed and shared bathroom facilities.

### **Options to suit all budgets** and lifestyles

Students can choose to benefit from the advantages of the University managing and supporting their living needs including a residential life programme, safety and security and regular maintenance.

Or, for more independent living, Mount Charles is located just off Botanic Avenue, two minutes from the main campus and right in the heart of one of Belfast's most vibrant areas.

#### Room types and costs

In Mount Charles we have a number of room options including a twin, standard, premium standard, en suite and premium en suite for you to choose from.

As a guide, our accommodation prices in 2016/17 range from £71 per week if sharing a twin room, up to £160 for an exclusive one bedroom apartment in Willow Walk. This makes us one of the cheapest places to rent in Belfast. We also have a variety of payment plans to help you decide which best suits your situation.

Added extras included in your rent Our all-inclusive residential fees include rent, all utility bills (electricity, heating and hot water), contents insurance, maintenance repairs, TV Applications open in May.

licence for communal areas, weekly clean of communal areas and highspeed broadband with high-speed Wi-Fi throughout all accommodation. Our Residential Life Co-ordinators also offer support, help and guidance on settling into student life in Belfast.

### **Couples and families**

· Single or mixed gender

Residences suitable for couples,

· Studio, one-, two-, three-, and four-

• Twin, standard, premium standard,

en suite and premium en suite

accommodation is guaranteed

are given priority for a place in

International postgraduate students

University accommodation for at least

their first year at Queen's. You should

submit an application as soon as you can in order to be allocated the room

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

families and dependants

bedroom apartments

International Students -

room options

type you need.

Queen's.

Private or shared bathrooms

accommodation

We have a wide range of accommodation options that are suitable for students travelling with family members or dependants. Please contact us to discuss requirements for suitable housing prior to applying.

#### Private rented accommodation **Options summary:**

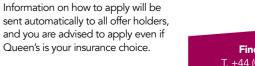
Private rent in Belfast is lower than in other UK cities and there is plenty of accommodation in the Queen's Quarter, within a 10-minute walk of the campus.

The website nihestudentpad.co.uk is recommended by the Students' Union to help students search for private rental accommodation.

To assess the location of private sector accommodation in relation to the University, you can enter the University postcode (BT7 1NN) into an online map search.

••( 24/7 RECEPTION AND SAFETY TEAM **OUR FRIENDLY STAFF** ARE ON CALL 24 HOURS A DAY

> Find out more T. +44 (0)28 9097 4525 stayatqueens.com



# WORLD-CLASS FACILITIES

STEEPED IN HERITAGE, YET BENEFITING FROM WORLD-CLASS, STATE-OF-THE-ART FACILITIES, WE HAVE A HISTORY OF INVESTING IN OUR PEOPLE AND BUILDING BRIGHTER FUTURES



### **THE GRADUATE SCHOOL**

Queen's Graduate School is the home of our postgraduate community. This beautiful space has new meeting rooms, study areas and social spaces creating a vibrant hub for intellectual exchange and collaboration.

It's an enriching environment for you to prosper and integrates the needs of both Master's students and PhD researchers.

### **THE MCCLAY LIBRARY**

The award-winning McClay Library blends the best features of a traditional library with the latest technology, welcoming 10,000 students daily. With spaces for quiet study and collaborative group work, you'll also have access to extensive book and journal collections.

### WI-FI AND IT

Our campus-wide wireless service enables you to have anytime, anywhere access to the resources you need to work in a fullyflexible 21st-century environment. Students can access over 1,700 PCs based in 20 centres across the campus.

### CUTTING-EDGE LEARNING FACILITIES

Our exceptional facilities include a financial Trading Room with Bloomberg terminals, interdisciplinary health and life sciences research facilities and innovative engineering hubs. New buildings for Law and Computer Sciences offer state-ofthe-art teaching facilities, with a new School of Biological Sciences building in development.

### LANGUAGE CENTRE

You also have the opportunity to acquire skills in a foreign language and improve your career prospects through our cuttingedge multimedia Language Centre.

### **STUDENTS' UNION (SU)**

Ranked as one of the top five students' unions in the UK, and the largest single campus students union in Ireland, our SU is run by students, for students and is our social and entertainment hub.



### **QUEEN'S SPORT**

There is a thriving sporting culture at Queen's, offering a choice of over 50 different sports clubs.

Facilities include a state-of-the-art fitness training and weights area, four studios, 25m swimming and diving pool, two multi-purpose sports halls, martial arts area, two climbing walls, eight squash courts, two handball courts and outdoor 3G grass pitches.

### **CULTURE AND ARTS**

We showcase the best of the local and international arts scenes, and are home to Northern Ireland's only art house cinema, the Queen's Film Theatre, a £1m Film Studio with state-of-the-art LED lighting, the award-winning Naughton Gallery, the Seamus Heaney Centre for Poetry and the Brian Friel Centre for Theatre Research.

AN INVESTMENT OF OVER £700M MEANS WE HAVE SOME OF THE BEST CAMPUS FACILITIES IN THE UK AND IRELAND

### SUPPORT SERVICES

QUEEN'S HAS 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 CAREER PROSPECTS

### STUDENT GUIDANCE CENTRE (SGC)

The SGC is the first place to visit for information, support, advice and guidance including:

- Careers Service
- Resilience, Wellbeing and CounsellingDisability Services
- Student Finance
- International Student Support
- Learning Development Service
- Student Administration

### **IT TRAINING AND SUPPORT**

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.

WE HOST A RANGE OF WELCOME EVENTS DESIGNED TO HELP POSTGRADUATE STUDENTS SETTLE INTO LIFE AT QUEEN'S



**CAREERS, EMPLOYABILITY** 

We offer careers guidance, information

ideas, formulate a career plan and achieve

and advice, to help you develop your

your goals. We help you connect with

employers, develop your skills and get

INTERNATIONAL STUDENTS

international work and study experience.

Queen's supports international students

welcome and orientation programmes to

before arrival, providing specialist visa

and immigration advice and leading

help vou maximise university life.

**RESILIENCE, WELLBEING** 

Our qualified and experienced

personal, academic and emotional

SUPPORT FOR STUDENTS WITH DISABILITIES

including School and exam support,

assistance with applications for Disabled

accommodation requirements and

We offer all kinds of support,

Students' Allowance.

counsellors can help work through any

difficulties that impact on your studies.

AND COUNSELLING

AND SKILLS

**SUPPORT FOR** 

### STUDENTS' UNION ADVICE CENTRE

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

### **CHILDCARE**

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

### RELIGION

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

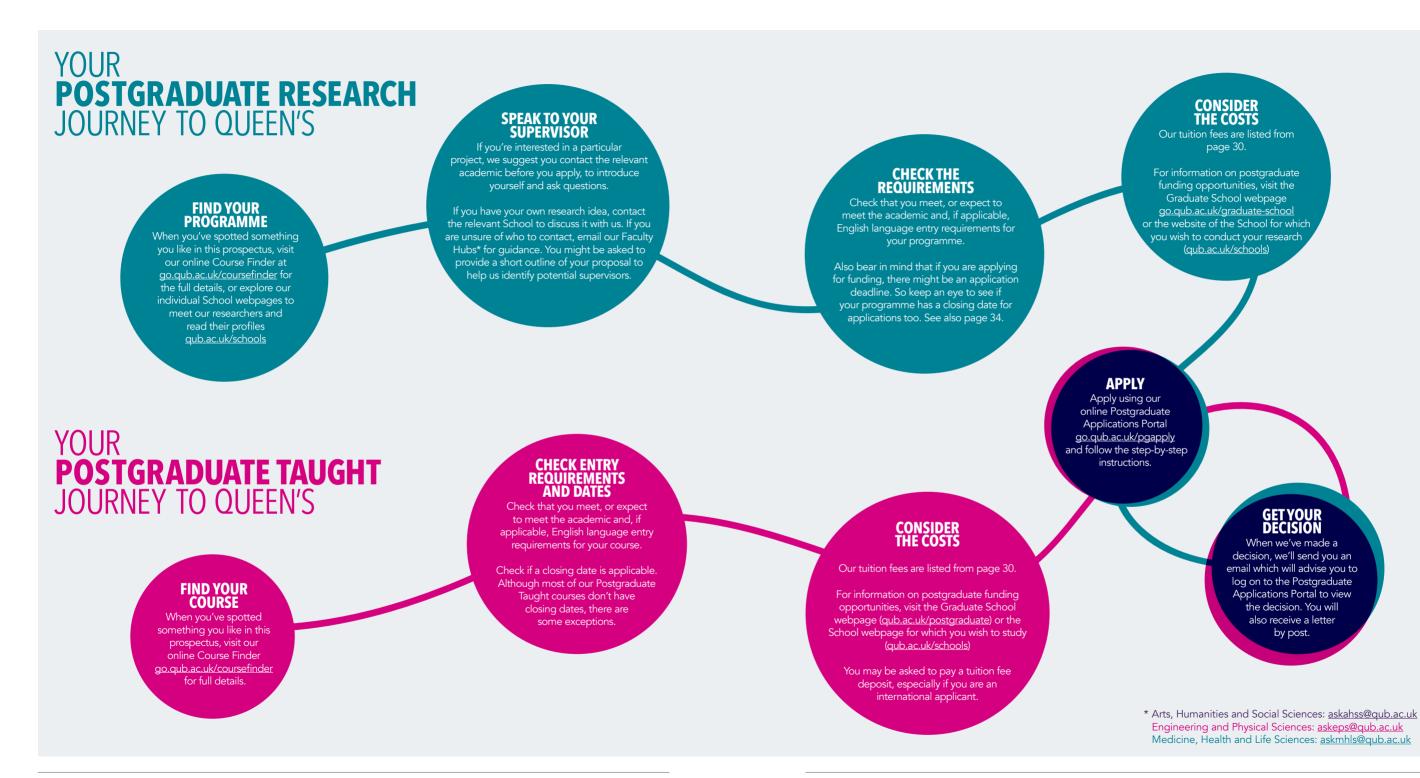
### HEALTH

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, this General Practice provides NHS (and non-NHS) services for Queen's students.

> **Find out more** <u>qub.ac.uk/directorates/sgc</u>

Queen's University Belfast – Postgraduate Prospectus 2017



### **POSTGRADUATE RESEARCH**

As part of the Russell Group, Queen's is proud to be one of the UK's leading research universities, offering postgraduate research opportunities across all fields of study.

A research degree offers you the opportunity to gain in-depth, specialised knowledge in an original research project, guided by a supervisory team, which culminates in the presentation of a thesis which you defend in an oral examination.

During your studies you will also develop research, personal and professional development skills that will support future careers within academia, industry or the public sector.

#### PhD/MPhil/MD/MCh

You will produce a traditional thesis, or, in the case of creative practice projects, your original creative works and an integrated critical analysis. If you are on an Integrated PhD pathway you normally commence your programme with taught modules and research topic options before completing the supervised research project.

For Admission, an Upper Second Class Honours degree from a UK or Republic of Ireland Higher Education Provider or equivalent qualification acceptable to the University is normally required. Specific entrance criteria by programme are detailed in the online Course Finder.

You will be expected to submit your thesis at the end of three years of full-time registration for PhD, two years for MPhil/ MD and one year for MCh (or part-time equivalent).

### PhD by Published Works

This is awarded for the successful submission of a portfolio of research that was published prior to you registering on the programme, along with a critical analysis and a critical appraisal. You must be an academic member of staff at Queen's, and have been so for a minimum of one year.

Registration is normally on a part-time basis, under the direction of an adviser appointed by the University. You will be expected to submit your published works, with a 10,000-word critical analysis, within one year. go.gub.ac.uk/published-works

### **PROFESSIONAL DOCTORATES**

These are specialist qualifications that combine taught postgraduate modules with independent research projects located within a profession or practice placement.

They can provide entry to a profession, giving you a licence to practise in areas such as psychology; or if you're already an experienced professional, to develop skills in research in areas such as education.

### Higher Doctorates

These are awarded to staff who have an authoritative standing in their field of study, and seminal publications which have led to extensions or the development of knowledge by others.

In order to apply for this programme, you must have a significant link to the University, normally by being a graduate or a current academic member of staff. You will usually have a minimum of 10 years' research experience at a postdoctoral level. <u>go.qub.ac.uk/higher-doctorate</u>

### SKILLS TRAINING AND DEVELOPMENT

The development of transferable skills is an integral part of the experience of being a postgraduate research student.

The Postgraduate Researcher Development Programme (PRDP) offers you a choice of training courses and development activities aimed at providing you with the skills to

complete your higher degree and enhance your employability. The funding bodies for postgraduates consider the development of these skills as an essential part of training for careers both in academic and nonacademic work environments.

The courses offered in the Development Programme supplement those provided by Schools and are available, free of charge, to all research students.

Funding is available for student-led initiatives. These are training-related activities developed and delivered by research students for research students. These initiatives can involve organising a conference, research seminar or some other research event. To date these initiatives have proven to be very effective in encouraging students to identify their skills requirements and develop their own training.

For further information on the Postgraduate Researcher Development Programme, please visit <u>gub.ac.uk/prdp</u>



### WORKING AWAY FROM THE UNIVERSITY

You may be permitted to carry out some of your research away from Queen's. You will need to satisfy the University that you will maintain appropriate contact with your supervisor, and have access to appropriate facilities, during any periods spent away, and you may be required to spend a specified period of time in residence at the University.

You will be subject to the University's normal training and monitoring requirements.



### QUEEN'S DOCTORAL TRAINING CENTRES

Queen's has four outstanding competitive Doctoral Training Centres:

The £11.2m Northern Bridge project, funded by the Arts and Humanities Research Council (AHRC), is part of a national network of Doctoral Training Partnerships which brings together the cutting-edge expertise and exceptional resources of Queen's, Newcastle University, Durham University and their partners for the training and development of outstanding Arts and Humanities postgraduate researchers.

The new £8.1m Centre for Doctoral Training in Photonic Integration for Advanced Data Storage at Queen's, in collaboration with the University of Glasgow and funded by the Engineering and Physical Sciences Research Council (EPSRC), will address a skills shortage in the photonics industry and develop new products and systems to address the expanding data storage needs of today's fast-moving digital world.



Queen's is one of 12 partner universities involved in the AHRC Centre for Doctoral Training in the Celtic Languages. Also involving collaboration with BBC Northern Ireland, the National Library of Wales and Bòrd na Gàidhlig, the Centre will provide funding for 26 PhD awards across the partnership between 2014 and 2019. The Centre supports doctoral research and training in Celtic languages, literatures and cultures.

The new £1m Leverhulme Interdisciplinary Network on Cybersecurity and Society (LINCS), a collaboration between the Centre for Secure Information Technologies and The Senator George J Mitchell Institute for Global Peace, Security and Justice, will provide 30 doctoral students with three-year scholarships over the next seven years, working at the interface between the social sciences and electronic engineering.

### POSTGRADUATE TAUGHT



### **TAUGHT MASTER'S DEGREES**

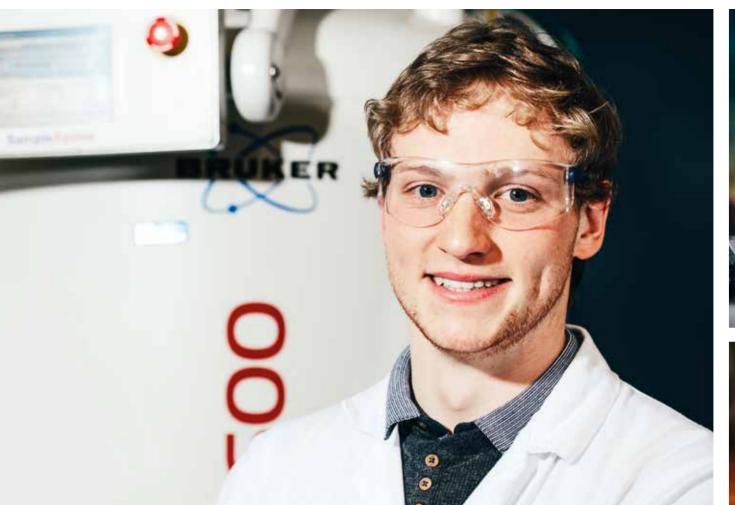
Master's degrees are designed to enable students to focus on a particular subject area or field of study in greater depth than they have encountered before in undergraduate study or employment experience. Students on our taught master's programmes usually undertake a combination of taught modules, assessment and supervised research. Master's programmes usually involve two semesters of classes and assessed work followed by four or five months of research culminating in a dissertation or project. Students undertaking a Master's degree have the opportunity to undergo a programme of training and development which aims to develop their leadership skills. Through the programme, students are able to undertake a 360 degree assessment of their skills and to participate in a range of training sessions and developmental activities, relevant to their needs.

Taught Master's degrees at Queen's include:

- Master of Arts (MA)
- Master of Architecture (MArch)Master of Business Administration (MBA)
- Master of Education (MEd)

- Master of Law (LLM)
- Master's in Law (MLaw)
- Master of Public Health (MPH)
- Master of Research (MRes)
- Master of Science (MSc)
- Master of Theology (MTh)

For admission to a Master's degree, a Second Class Honours degree from a UK or Republic of Ireland Higher Education Provider or an equivalent qualification acceptable to the University is normally required. Entrance requirements vary by programme and you should consult the individual programme entries in this prospectus or the online Course Finder.



POSTGRADUATE DIPLOMAS AND CERTIFICATES

Postgraduate Diploma courses usually

last for nine months, with Postgraduate

Certificate courses normally lasting four

months. Where offered as a standalone

in the same way as Master's degrees,

and usually cover some of the same

content as the related Master's degree.

qualification, they are typically structured

without the research dissertation or project,

The Postgraduate Certificate in Education

(PGCE) is a vocational course which lasts

for nine months and includes teaching

placements.





### CONTINUING PROFESSIONAL DEVELOPMENT (CPD)

Some Postgraduate Taught programmes can be used for Continuing Professional Development. In addition, the University provides some non-credit bearing CPD courses for example, through the William J Clinton Leadership Institute in Queen's Management School.

All postgraduate taught students have the opportunity to undertake training in academic skills such as dissertation writing and referencing.

The University offers postgraduate study for

of subjects. Entrance requirements vary by

course and you are advised to consult the

individual course entries in this prospectus

from a Postgraduate Diploma to a Master's

degree after the written examination at the

end of Diploma coursework or alternatively,

and the online Course Finder. It may be

possible for you to transfer registration

after completing the Diploma.

diplomas and certificates in a wide range

#### Queen's University Belfast – Postgraduate Prospectus 2017

### **STUDENT FINANCE AND FUNDING**

### INTRODUCTION

This section outlines the different tuition fee 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 the following page. The standard tuition fees for postgraduate research students from Northern Ireland, Great Britain, or the rest of the European Union, for 2017-18, had not been set at the time of publication. Postgraduate taught tuition fees for 2017-18 are proposed to be as follows:

#### Postgraduate Taught: £5,500 (See website for full details)

### Exceptions

LACEPTIONS	
International MBA	£19,500
MSc Accounting and Finance	£6,500
MSc Applied Cyber Security	£12,600
MSc Economics	£6,500
MSc Finance	£6,500
MSc HR Management	£7,000
MSc Management	£6,500
MSc Marketing	£7,000
MSc Quantitative Finance	£6,500
MSc Risk and Investment	
Management	£6,500
-	

It should be noted, however, that different fees may be agreed for certain courses. Prospective students should contact the Student Helpline on +44 (0)28 9097 3223 for the cost of a particular course, or refer to <u>qub.ac.uk/TuitionFees</u>

Postgraduate Research tuition fees for students from Northern Ireland, Great Britain, or the rest of the European Union, enrolling for the first time at Queen's in 2017-18, will be set in early 2017.

Please see <u>qub.ac.uk/TuitionFees</u> for updates on all fees.

### TUITION FEE PAYMENT OPTIONS

A number of options are available, in relation to the payment of tuition fees. Students can either:

- sign up to a Direct Debit and make a minimum 25 per cent payment at enrolment, followed by three further bi-monthly payments in November, January and March.
  pay the full tuition fee on enrolment, or
- provide evidence that a sponsor will pay fees on their behalf. Students must provide an official letter confirming this fact at enrolment. Students will remain liable for the full fee until this letter is presented to the Student Finance Office. Where a sponsor has not paid the fees due by 31 January, the outstanding debt will revert to the student.
- Apply to the Student Loans Company for a fee loan. Please see qub.ac.uk/TuitionFees for further information.

Please also 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 the Student Finance Framework located at <u>qub.ac.uk/TuitionFees</u>

### **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 the Direct Debit scheme. This 25 per cent payment is nonrefundable. The bank account holder must complete a Direct Debit mandate and return this to the Student Finance Office by early October 2017. 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

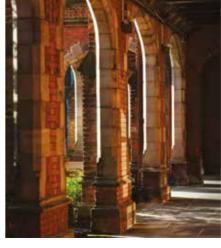
Payment can be made at enrolment either online, in person, or by phone, using a credit or debit card. Payment can also be made by cheque or bank transfer. Cash payments are restricted to a maximum of £300 and can ONLY be made at the Student Finance Office. For full terms and conditions of the payment options, please contact the Student Helpline on +44 (0)28 9097 3223 or, for further information, refer to <u>gub.ac.uk/TuitionFees</u>

### **FAILURE TO PAY FEES**

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

### **OTHER EXPENSES**

For some courses, students are required to purchase instruments, equipment or attend field courses. The funds required to cover such students' needs will exceed the above fees. Additional information on tuition fees is available from the Student Helpline: t +44 (0)28 9097 3223 e <u>RegHelp@qub.ac.uk</u>



### INTERNATIONAL POSTGRADUATE TUITION FEES

The payment of deposits for one year postgraduate taught courses is mandatory for international students. Details of any required payment will be communicated by the Admissions and Access Service. If the student's visa application is successful, but the student chooses not to accept his/her place at the University, the deposit will not be refunded.

The standard tuition fees for international postgraduate students, commencing a course in 2017-18, are as follows: (FR = Fee Rate)

International Postgraduate	Taught
FR1 (classroom)	£15,200
FR2 (laboratory)	£19,000
FR3 (pre-clinical)	N/A
FR4 (clinical element of Medical	
and Dental courses)	£34,100

### Postgraduate Research

FR1 (classroom)	£15,100
FR2 (laboratory)	£18,800
FR3 (pre-clinical)	N/A
FR4 (clinical element of Medical	
and Dental courses)	£34,800

### Exceptions

LACEPTIONS	
International MBA	£19,500
MSc Accounting and Finance	£17,100
MSc Economics	£16,000
MSc Finance	£16,600
MSc HR Management	£16,000
MSc International Business	£15,000
MSc Management	£16,000
MSc Marketing	£16,500
MSc Quantitative Finance	£17,000
MSc Risk and Investment	
Management	£16,000

Note: standard international postgraduate fees are listed by fee rate, but different fees may be agreed for certain courses. Prospective students should contact the Student Helpline on +44 (0)28 9097 3223 to ascertain the banding and the cost of a particular course, or refer to the link below. The methods of payment are as outlined on the previous page.

> Find out more qub.ac.uk/TuitionFees

### FUNDING FOR POSTGRADUATE STUDY

The majority of funding available is for full-time postgraduate research.

Applicants are advised to explore fully the funding opportunities for studying in the UK, for example, international students may find funding is available from sources within their own countries. Some closing dates can be a year before commencing studies, so please ensure to apply in good time. Possible sources of funding are available at go.gub.ac.uk/intlschol

The funding set out in this section includes funding available from the University and from some external sources. Information provided in this section is intended to highlight some sources of funding: it is not a comprehensive list of funding sources.

Applying for funding which is available from the University is part of an integrated, online, postgraduate admissions process. An offer of a place at Queen's does not constitute an offer of financial support.

For 2017 entry, Faculties and Schools in the University will be setting their own deadlines for postgraduate applications for admissions, studentships and scholarships. Applicants who wish to apply for postgraduate funding available from the University for 2017 entry should refer to the relevant Faculty and School websites for information. Details may be found at <u>gub.ac.uk/schools</u>

### APPLICANTS FROM THE UK AND OTHER EU COUNTRIES

Note: where it states 'UK residents', please note that qualifying residency and citizenship/nationality criteria apply. For further details, please refer to the expanded eligibility criteria available at the 'Find out more' link opposite.

### Department for the Economy postgraduate research studentships

Studentships funded by the Department for the Economy (DfE) are offered in a wide range of subject areas across all Faculties and Schools. UK residents: fees plus maintenance. Other EEA (including EU) residents: fees only.

Department for the Economy Co-operative Awards in Science and Technology (CAST) postgraduate research studentships

These studentships funded by the Department for the Economy (DfE – formerly DEL) are for specific research projects in collaboration with an industrial sponsor.

UK residents: fees plus maintenance. Other EEA (including EU) residents: fees only.

### Engineering and Physical Sciences Research Council (EPSRC) postgraduate research studentships

A number of EPSRC research studentships may be available for research in eligible areas. Details will be advertised at the 'Find out more' link opposite and on the relevant Faculty/School website at <u>gub.ac.uk/schools</u>

UK residents: fees plus maintenance. Other EEA (including EU) residents: fees only.

### Arts and Humanities Research Council (AHRC) postgraduate research studentships

A number of studentships may be available for research degrees in arts and humanities subject areas. Details of the AHRC Northerm Bridge Doctoral Training Partnership and AHRC Centre for Doctoral Training in the Celtic Languages will be advertised at the 'Find out more' link opposite and on the relevant Faculty/School website at qub.ac.uk/schools

UK residents: fees plus maintenance. Other EEA (including EU) residents: fees only.

Leverhulme Interdisciplinary Network on Cybersecurity and Society (LINCS) postgraduate research studentships <u>qub.ac.uk/research-centres/isctsj/</u> StudyWithUs/LeverhulmeLINCS/ A number of studentships may be available for research into the technological and societal aspects of cybersecurity.

UK residents: fees plus maintenance. Other EEA (including EU) residents: fees plus maintenance.

### Department of Agriculture, Environment and Rural Affairs (DAERA) postgraduate research studentships

DAERA (formerly DARD) normally funds research courses relevant to the agricultural, horticultural, forestry, fishing or food processing industries. Applications can be made directly to DAERA at <u>daera-ni.gov.uk/articles/</u> postgraduate-study

NI residents: fees plus maintenance. Other UK residents: fees only. Other EEA (including EU) residents: fees only.

### The Wellcome Trust and National Institutes of Health postgraduate research studentships

This annual competition offers postgraduate students collaborative PhD training at academic laboratories in the UK or Republic of Ireland and at the National Institutes of Health in the USA.

https://wellcome.ac.uk/funding wellcome.ac.uk/funding/four-year-phdprogrammes-studentships-basic-scientists

### **POSTGRADUATE STUDENT LOANS**

### Students from Northern Ireland and EU

A new Postgraduate loan scheme will be available from 2017 for tuition fees up to £5,500 for any Master's courses (full time or part time). These will be re-payable through the Student Loans Company. Further details will be available in the future (subject to legislation). Stay up to date with information on the scheme as it becomes available, at <u>qub.ac.uk</u>

### Students from England

Postgraduate student loans are available if you're an English-resident. You may be eligible for a loan of up to £10,000 to study a taught or research Master's in any subject. Full details are available at www.gov.uk/postgraduate-loan

### UNIVERSITY-FUNDED POSTGRADUATE TAUGHT SCHOLARSHIPS

A limited number of scholarships and bursaries may be available for specific taught Master's courses. Further details can be found on the relevant Faculty/School website and at <u>go.qub.ac.uk/pgstudy</u>

### North-South (Ireland) Postgraduate Scholarships

A limited number of scholarships may be available for outstanding students from the Republic of Ireland and Northern Ireland to undertake postgraduate study and experience life in the other Irish jurisdiction. Available to students who have been accepted to undertake a recognised Master's degree or are entering the first year of a PhD programme at a university in the island of Ireland that is not in the same jurisdiction as the university where they have previously studied. Further details are found at universitiesireland.ie

### APPLICANTS FROM COUNTRIES OUTSIDE THE EU

University International postgraduate research studentships

University-funded studentships for international (non-EU) students may be available for postgraduate research into specific strategic research areas. Details are available at the 'Find out more' link below or on the relevant Faculty/School website at gub.ac.uk/schools

Non-EU residents: normally fees plus maintenance.

### Applicants from all countries

British Chevening Awards chevening.org/apply British Council britishcouncil.org Royal Commission 1851 royalcommission1851.org

### Applicants from the USA

Fulbright Scholarships fulbright.org.uk Mary McNeill Scholarship qub.ac.uk/schools/IrishStudiesGateway/ ProspectiveStudents/ MADiplomalrishStudies/ Sourcesoffunding/ Marshall Scholarships marshallscholarship.org

### US Federal Loans

Many US students opt to finance their studies at Queen's through US Federal Loans. Queen's is approved by the US Department of Education for participation in the Title IV Federal Loans programme. US Federal Loans are generally available to eligible students who will be undertaking Bachelor's, Master's or PhD programmes at Queen's, except for medical and nursing programmes.

Graduate students, or dependent undergraduate students and their parents, can normally borrow up to the full cost of attendance of their programme (including tuition, subsistence and airfare).

Full details are available at <u>qub.ac.uk/isso</u> and for further guidance, please contact the US Federal Loans Administrator at <u>usloans@gub.ac.uk</u>

### Applicants from Mexico

Applicants from Mexico can apply for the CONACyT award. go.qub.ac.uk/international

For more information, please contact the International Office on +44 (0)28 9097 5088 or email international@gub.ac.uk

### APPLICANTS FROM DEVELOPING/ COMMONWEALTH COUNTRIES

### Commonwealth Shared Scholarship scheme for postgraduate taught study

At Queen's, subject to availability of funding from the Commonwealth Scholarship Commission, there will be up to four scholarships allocated for eligible taught postgraduate students on one of the following one-year courses: the MSc. Leadership for Sustainable Development: the MSc Leadership for Sustainable Rural Development: the MSc Advanced Food Safety and the MA Conflict Transformation and Social Justice. The scholarship covers the student's tuition fees, a maintenance grant and travel costs. No funding is available for dependants. Only students from developing Commonwealth countries are eligible to apply. Details at the 'Find out more' link below.

### Commonwealth Scholarship Commission

### <u>cscuk.dfid.gov.uk</u>

A range of scholarships and fellowships are available for citizens of developed and developing Commonwealth countries.

### Aga Khan Foundation Awards

akdn.org/akf\_scholarships.asp For outstanding students from developing countries who have no other means of financing their studies.

International applicants can find out more on possible sources of funding at <u>go.qub.ac.uk/intlschol</u>

For further information on funding, contact The Graduate School at <u>graduateschool@qub.ac.uk</u> or check the information provided at the link below.

> Find out more go.qub.ac.uk/pgfunding

### APPLYING TO QUEEN'S

Applications for admission to the majority of postgraduate programmes are submitted online via the Postgraduate Applications Portal (go.qub.ac.uk/pgapply). The online system also allows application for funding where appropriate.

The Postgraduate Applications Portal should not be used for the following programmes which have separate application procedures, detailed on the appropriate School/Institute webpage:

- Postgraduate Diploma in Professional Legal Studies (Institute of Professional Legal Studies: <u>qub.ac.uk/ipls</u>)
- Professional Doctorates in Psychology (School of Psychology: <u>qub.ac.uk/psy</u>)

A step-by-step guide on the application and admissions process is available at <u>go.qub.ac.uk/pgapplicationguide</u>. If you need further advice, please contact:

Admissions and Access Service Queen's University Belfast Belfast BT7 1NN t +44 (0)28 9097 5081 f +44 (0)28 9097 5151 e postgrad.admissions@qub.ac.uk

### WHEN TO APPLY

Most of our postgraduate taught courses do not have closing dates (see exceptions below). However, we recommend that you apply as early as possible, **ideally no later than 31 July**, for courses which commence in late September. If demand for a course is high, it may be necessary for us to introduce an earlier closing date and this will be advertised in the online Course Finder. Early application is also recommended as for a number of our courses, arrangements may have to be made for interviews. In addition, international applicants need to allow sufficient time to obtain a student entry visa.

There is no standard closing date for postgraduate research programmes however you should check the website of the School/Institute in which you hope to conduct your research for information on deadline dates (and eligibility requirements) for postgraduate funding applications. This will also determine when your application for a place should be submitted.

Closing dates apply for admission to the following postgraduate programmes:

- Postgraduate Certificate in Education (PGCE): 1 November 2016
- Postgraduate Diploma in Professional Legal Studies: 15 November 2016
- Professional Doctorates in Psychology: normally early February, but please refer to the School's website: <u>qub.ac.uk/psy</u>
   MSc/Postgraduate Diploma in Applied
- Psychology (Clinical Specialism): 14 July 2017
  MA Legislative Studies and Practice: 22 February 2017

### ACCEPTABILITY OF QUALIFICATIONS FOR ADMISSION

For admission, an Honours degree from a UK or Republic of Ireland Higher Education Provider, or an equivalent qualification acceptable to the University is normally required. Professional qualifications and/ or experience may be considered in combination with academic qualifications for entry to some programmes. Only qualifications that have been awarded by accredited Higher Education Providers, recognised by the University, will be accepted. If you are an international student with a query about the acceptability of your academic qualification, you should refer to the 'Your Country' section of the University's website (go.qub.ac.uk/YourCountry) for advice on comparability with UK qualifications.

A guide to the general entry requirements for postgraduate taught programmes, expressed in terms of UK Honours degree classifications, is provided in each subject section within this Prospectus. Detailed entry requirements and further information on individual programmes is available on the University's online Course Finder at go.gub.ac.uk/coursefinder

### RECOGNITION OF PRIOR LEARNING (RPL)

The University operates a Recognition of Prior Learning (RPL) scheme which recognises relevant prior learning for admission and/or credit purposes.

For some programmes, admission under Recognition of Prior Experiential Learning (RPEL) may be permitted and, if applicable, this will be indicated under the individual programme entry in the online Course Finder. Please visit <u>go.qub.ac.uk/RPLpolicy</u> for the University's RPL Policy and information on application procedures.

### ENGLISH LANGUAGE REQUIREMENTS

If your first language is not English, evidence of an acceptable level of proficiency will be required. In addition, applicants who are non-EEA nationals must satisfy the UK Visas and Immigration (UKVI) immigration requirements for English language for visa purposes. This evidence should be in the form of a Secure English Language Test (SELT), normally the IELTS Academic for UKVI Purposes test, or another English language qualification acceptable to the University which examines all four elements of language learning – Listening, Reading, Writing and Speaking.

Within this Prospectus, the English language requirement for entry to each postgraduate taught and research programme is expressed in terms of IELTS Academic test scores. The IELTS Academic scores listed are the minimum overall score requirements. For each individual test component, the minimum score required is normally 5.5, however for some programmes the component scores necessary may be higher. Please refer to the University's online Course Finder for individual programme requirements at go.qub.ac.uk/coursefinder. For details of other English language qualifications which may be accepted by the University please visit go.gub.ac.uk/EnglishLanguageRegs

### **VISA AND IMMIGRATION**

Visa and Immigration requirements can sometimes seem intimidating; Queen's provides a high-level of support and advice on UK student visas directly for you. Working within Office of the Immigration Services Commissioner's code of standards (OISC), the International Student Support office is here to help you make a smooth transition from your home country to life in Belfast.

For information on how visa requirements are calculated, as well as Points Based System (PBS) and your Confirmation of Acceptance for Studies (CAS) number, please see: <u>go.qub.ac.uk/intvisa</u>

Further information is also available at: <u>www.gov.uk/visas-immigration</u>

Queen's University Belfast - Postgraduate Prospectus 2017



### APPLICANTS WITH A DISABILITY OR LONG-TERM CONDITION

If you have declared a disability or long term condition at the time of application and you receive an offer, you will be provided with a questionnaire, which you should complete and return to the Disability Services unit.

The information you provide will be treated as sensitive and kept strictly confidential. It will only be used to plan for your individual support requirements, ensuring that your transition to Queen's is as smooth as possible (see also page 23).

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

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

### APPLICANTS WITH A CRIMINAL RECORD

It is the policy of the University to consider applications for admission on their individual merit 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 the programme have been met. The University acknowledges the key role of education in the rehabilitative process and a criminal record will not debar an applicant unless the nature and seriousness of the offence in question are incompatible with:

#### • the study programme applied for;

- the ultimate professional or vocational goal;
- participation in an academic and social setting and the University's responsibility to ensure a safe and neutral environment.

Regulations concerning admission of applicants who have a criminal record are available at go.qub.ac.uk/PGAdmissionsPolicy

### ADMISSIONS APPEALS AND COMPLAINTS PROCEDURE

If you consider that your application has not been dealt with fairly, you should contact the Admissions and Access Service in the first instance.

### REGISTRATION

If you are accepted for a programme of study, you must provide original documentary proof of your academic qualifications (and English language qualifications and/or certified English translations where appropriate). You will also need to bring photographic identification (passport or driving licence) with you to registration. International students will be required to provide passport and visa information. Details of arrangements for enrolment and registration will be provided in your Welcome Guide.

> Find out more go.qub.ac.uk/pgapply

### THE FACULTY OF ARTS, HUMANITIES AND SOCIAL SCIENCES

School of Arts, English and Languages

School of History and Anthropology, Philosophy and Politics

School of Law

Queen's Management School

School of Social Sciences, Education and Social Work

"Students need to be supported to develop as scholars, but also as people who are embarking on an often life-changing journey."

Dr Caitlin Donnelly, School of Social Sciences, Education and Social Work



As a postgraduate student, you'll be part of an intellectual powerhouse, with disciplines spanning traditional humanities subjects and innovative areas: everything from Creative Writing and Sonic Arts to Global Financial Markets, Children's Wellbeing, and Translation and Interpreting.

In this collaborative environment, you'll have the opportunity to interact with academic leaders and participate in their research, and meet other postgraduate students from all over the world.

We have a proud history of international collaboration and partnership, supporting student exchanges across the globe, including leading institutions in South East Asia, Brazil, China, North America and India.

Our postgraduate programmes are driven and delivered by world-leading scholars, with our research strengths clustered in the Institute of Irish Studies and the newly opened Senator George J Mitchell Institute for Global Peace, Security and Justice, and in the individual Faculty Schools.



Professor Beverley Milton-Edwards is one of the world's leading experts on violence, terrorism and security. Her work on radical Islamic movements including Hamas, Hezbollah, al-Qaeda and more recently ISIS helps inform policy-making in the Middle East. She was recently awarded a Visiting Fellowship at the world's number one Think Tank, Brookings. **Professor Sinéad Morrissey** is Professor in Creative Writing at the Seamus Heaney Centre for Poetry. Acclaimed as one of the most gifted of the new generation of Northern Ireland poets, she has made enormous contributions to Belfast's cultural life and became Belfast's first ever Poet Laureate in 2013.

### THE FACULTY OF ENGINEERING AND PHYSICAL SCIENCES

School of Chemistry and Chemical Engineering

School of Electronics, Electrical Engineering and Computer Science

School of Mathematics and Physics

School of Mechanical and Aerospace Engineering

School of Natural and Built Environment

School of Psychology

"I strive to ensure that students have a diverse interdisciplinary supervision team, which means that their work not only adds to the body of human knowledge, but is also filled with their passion."

Dr Sarah Lappin, School of Natural and Built Environment



The Faculty of Engineering and Physical Sciences spans disciplines that impact our lives and shape our future.

You'll be part of a vibrant and diverse community of innovative researchers and students that are addressing big social challenges such as the production of clean energy.

We bring together diverse topics, such as carbon dating and astrophysics, through to conflicted space and pharmaceutical analysis.

Witness how much of our research is commercialised and that working with industry is embedded in all that we do, whether it's the hybrid technology that powers the new London Routemaster bus, or the securing of our digital future through our Centre for Secure Information Technologies.

Come and join us, and help change the world!



One-time British Female Inventor of the Year, **Professor Maire O'Neill** is widely regarded as one of Europe's leading cryptography experts, helping enhance global data security. Her work focuses on security for applications such as email, cloud, and mobile technologies, and her high-speed silicon security chip is used in more than 100 million TV set-top boxes. **Dr David Laverty** and his students went Back to the Future when they unveiled their Electric DeLorean – the iconic car was modified by a team of Electrical Engineering postgraduate students, giving the next generation of engineers the knowledge and expertise to build the electric vehicles of the future.

### THE FACULTY OF MEDICINE, HEALTH AND LIFE SCIENCES

School of Biological Sciences

School of Medicine, Dentistry and Biomedical Sciences

School of Nursing and Midwifery

School of Pharmacy

"My goal as a supervisor is to prepare students for a successful career, not just as subject experts with cutting-edge knowledge of their field, but as independent, creative and adaptable thinkers."

Professor Colin P McCoy, School of Pharmacy



Through our research we strive to address some of the world's greatest challenges in health, food and environment. To meet these challenges, our academic staff undertake world-leading research through our Schools and Global Research Institutes in Health Science and Global Food Security.

This has resulted in new treatments for patients and greater levels of protection for the food we eat.

As a student within our Faculty, you'll benefit from the latest thinking, impacted by our research.

We enhance your experience by giving you opportunities through placements, projects and industry experience to help prepare you for your future career.

We hope that, wherever you're from in the world, you will join us to both learn and bring new ideas to help drive forward our ambition: to enhance and advance life.





**Professor Chris Elliott**, one of the world's leading authorities on food safety and security, was appointed by DeFRA to lead the independent report into the integrity and authenticity of the UK food supply chain in the aftermath of the 'horsemeat scandal'.

Professor Jose Bengoechea is at the front line of the war against superbugs and antibiotic resistance. His team is using a new approach in the battle against infectious diseases. Instead of targeting infections with antibiotics, their focus is on strengthening the weak spots in our defences, enabling our bodies to fight back.

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

### **BIOLOGICAL SCIENCES** AND SUSTAINABILITY

Biological Sciences and Sustainability are key themes of study and research within Queen's. Our research tackles some of the most fundamental global challenges facing humankind, including human, animal, plant and environmental health, sustainable exploitation of living resources, food security and rural development.

Biological Sciences and Sustainability – Faculty of Medicine, Health and Life Sciences

You will learn from the latest discoveries in your chosen discipline and have access to unique facilities, such as diagnostics equipment including mass spectrometry and the Queen's Marine Laboratory. See also Food Security, p64.

Programme	Award	Duration (Years) FT/PT	UK and EU Fees <sup>1</sup>	INT Fee	Entry Requirement <sup>2</sup> + IELTS <sup>*</sup>			
Taught								
Animal Behaviour and Welfare	MSc	1Y FT / 2Y PT	£5,500	£19,000	2.2 IELTS: 6.0			
Business for Agri-food and Rural Enterprise Specialist options: • Business Communication • Innovation Management • Rural Enterprise Development	MSc, PgDip	MSc: 1 (calendar) Y FT / 3Y PT PgDip: 1 (academic) Y FT / 2Y PT	TBC. See <u>cafre.ac.uk</u> for updates.	N/A	2.2 This programme is not open to non-EEA nationals. IELTS: 6.0 Pass degree or HND			
Business for Agri-food and Rural Enterprise	PgCert	PgCert: 1 semester FT / 1Y PT			Pass degree or HND			
Business Communication for Rural Enterprise	Grad Cert	GradCert: 1Y PT			Pass degree or HND / experience. See online Course Finder for more detail.			
Ecological Management and Conservation Biology	MSc, PgDip	MSc: 1Y FT / 2Y PT PgDip: 9 mths FT	£5,500	£19,000	2.2 (MSc), Pass degree (PgDip) IELTS: 6.0			
Leadership for Sustainable Development	MSc	1Y FT	£5,500	£15,200	2.2 IELTS: 6.0			
Leadership for Sustainable Rural Development	MSc	1Y FT / 2Y PT	£5,500	£15,200	2.2 IELTS: 6.0			

### **TAUGHT PROGRAMMES**

### Animal Behaviour and Welfare (MSc)

Designed for students aiming to work in research, education, and industry in the life sciences sector, this MSc will provide you with an advanced understanding of current and emerging issues in the both Animal Behaviour and Animal Welfare and provide you with an extensive range of lectures in a variety of topics.

Delivered by world-class scientists, many of our successful graduates secure dream jobs around the world.

### Business for Agri-food and Rural Enterprise (MSc/ PgDip/PgCert) Business Communication for Rural Enterprise (Grad Cert)

These programmes develop your conceptual understanding of the principles and processes of change affecting individuals, groups or organisations within the agri-food and rural business sectors, through an active and innovative approach to learning and teaching.

You will complete your course at the College of Agriculture, Food and Rural Enterprise (CAFRE), Loughry Campus, Cookstown. You'll have opportunities to complete placements and go on a self-funded study trip to Europe.

### Ecological Management and Conservation Biology (MSc/PgDip)

The aim of this programme is to prepare you for careers in research, industry and other areas of professional employment. It also aims to give you the opportunity to expand your knowledge of ecological management and conservation biology. You will emerge with a wide knowledge of conservation biology and management, underpinned by developed technical skills in analysis and specialist knowledge of the subject area.

Biological Sciences and Sustainability – Faculty of Medicine, Health and Life Sciences	

Programme	Award	Duration (Years) FT/PT	UK and EU Fees <sup>1</sup>	INT Fee	Entry Requirement <sup>2</sup> + IELTS*	
Molecular Biology and Biotechnology	MSc	1Y FT / 2Y PT	£5,500	£19,000	2.2 IELTS: 6.0	
Parasitology and Pathogen Biology	MSc, PgDip	1Y FT	£5,500	£19,000	2.2 IELTS: 6.0	
Research						
Ecosystem Biology and Sustainability	PhD, MPhil	3Y FT (PhD), 2Y FT (MPhil)	TBC. See website for details	£18,800	2.1 IELTS: 6.5	
Microbes and Pathogen Biology	PhD, MPhil	3Y FT (PhD), 2Y FT (MPhil)	TBC. See website for details	£18,800	2.1 IELTS: 6.5	

1 Postgraduate taught tuition fees for 2017-18 are proposed at time of print, please refer to website for further information. Postgraduate research tuition fees will be set in early 2017, please refer to website for further information. Please see <a href="https://gub.ac.uk/TuitionFees">gub.ac.uk/TuitionFees</a>.

<sup>2</sup> This is intended as a guide only to the general academic entry requirements for postgraduate programmes, expressed in terms of UK Honours degree classifications. Please see pages 34-35 and the online Course Finder for further information on academic and English language requirements.

\*The IELTS Academic scores listed are the minimum overall score requirements. Unless otherwise indicated (\*\*), the minimum score required in each test component is normally 5.5. See also page 35.

#### Leadership for Sustainable Development (MSc)

Managing sustainability is one of the most challenging and rapidly growing areas in both the public and private sectors. This innovative programme promotes leadership and embraces action-based, experiential learning, facilitated through a series of lectures, work placements and group projects. The programme helps you to foster critical thinking and use initiative in problem-solving and decision-making in sustainable development.

### Leadership for Sustainable Rural Development (MSc)

Sustainable rural development involves challenging the disparities between rural and urban areas, protecting the countryside and sustaining local services. The course promotes leadership, action-based experiential learning, through a series of lectures, work placements and group projects and contains a rural or rurally oriented placement.

The programme will enhance your critical thinking and promotes the use of initiative for problem-solving and decisionmaking in sustainable development.

### Molecular Biology and Biotechnology (MSc)

You'll gain an advanced understanding of the exploitation of living systems for commercial gain. You'll learn about modern biotechnologies and why they rely on our increasing ability to manipulate organisms at the genetic level and include novel waste treatments and bioremediations, new pharmaceuticals, the exploitation of enzymes in 'green catalysis' and exciting new diagnostic techniques. This programme aims to teach you about the fundamental molecular bioscience underpinning biotechnology along with examples of its current applications.

#### Parasitology and Pathogen Biology (MSc, PgDip)

The course will help you develop expertise directly applicable to human, plant and animal health and welfare, food security and the future sustainability of food production, particularly within livestock and plant/crop production systems.

The course will appeal to you if you have an interest in parasite-borne infectious diseases that severely undermine human health in the developing world and tropics, and global agrifood production systems globally (including plant and animal health and welfare).

### **RESEARCH PROGRAMMES**

### Ecosystem Biology and Sustainability (PhD/MPhil)

You'll contribute to a high level of research activity involving academic staff, postdoctoral scientists and postgraduate research students, and covering topics such as animal behaviour/communication, biodiversity and ecosystem services, coastal and deepwater marine biology, ecological management, water quality, ecosystem ecology, freshwater biology, invasive species and their impact, sustainable aquaculture of shellfish and algae, urban land use, biodiversity, and wildlife ecology.

### Microbes and Pathogen Biology (PhD/MPhil)

You'll work across a diverse array of research interests with a broad ethos that encompasses research in molecular biosciences from molecules to ecosystems.

These interests range from biochemistry, food safety, microbiology and parasite control to plant and soil sciences – linked by common approaches within the molecular biosciences that are aimed at exploiting the ongoing genomic, transcriptomic/proteomic revolution.

You'll also enjoy a range of strong international links across Europe, Asia, North and South America.



Find out more go.qub.ac.uk/PG-Biology askmhls@qub.ac.uk

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Queen's Management School is one of the top business schools in the UK and Ireland, offering a world-class range of postgraduate programmes. We enjoy close links with the business community, a dedicated placement office and a financial trading room with Bloomberg terminals, which of course benefit you as a student here.

We're ranked 9th in the UK for Research Intensity and all our subjects appear in the UK top 20 (Times and Sunday Times Good University Guide 2016).

Programme	Award	Duration (Years) FT/PT	UK and EU Fees <sup>1</sup>	INT Fee	Entry Requirement <sup>2</sup> + IELTS*
Taught					
Accounting and Finance	MSc	1Y FT	£6,500	£17,100	2.1 IELTS: 6.5
Arts and Humanities (see page 52)	MRes	1Y FT / 2Y PT	£5,500	£15,200	2.1 + 750-word research proposal IELTS: 6.5
Arts Management (see page 52)	MA	1Y FT / 2Y PT	£5,500	£15,200	2.1 IELTS: 6.5
Economics	MSc	1Y FT	£6,500	£16,000	2.1 IELTS: 6.5
Finance	MSc	1Y FT / 2Y PT	£6,500	£16,600	2.1 IELTS: 6.5
Human Resource Management	MSc	1Y FT / 2Y PT	£7,000	£16,000	2.1 IELTS: 6.5
International Business	MSc	1Y FT	£5,500	£15,000	2.1 IELTS: 6.5
Law: International Business Law (see page 74)	LLM	1Y FT / 2Y PT	£5,500	£15,200	2.1 IELTS: 6.5
Management	MSc	1Y FT	£6,500	£16,000	2.2 IELTS: 6.5
Marketing	MSc	1Y FT	£7,000	£16,500	2.1 IELTS: 6.5
MBA (International MBA)	MBA	1Y FT	£19,500	£19,500	2.1 IELTS: 6.5



### TAUGHT PROGRAMMES

### Accounting and Finance (MSc)

Speak 'the language of business' and understand financial decisionmaking and financial institutions. You are interested in a career in areas such as accountancy, banking and consultancy.

You'll learn how to summarise, analyse and report financial transactions and explore how company managers and investors make financial decisions, how they manage their risk and how financial markets function.

You'll also gain exemptions from the Association of Chartered Certified Accountants (ACCA) professional examinations.

#### Business Administration (International MBA full-time)

This MBA will give you skills for leadership in the demanding global business environment, equipping you with contemporary management tools to understand and adapt to global markets. You'll learn the latest management theories and best practice and apply these through hands-on projects, and benefit from personalised skills development tailored to transforming your career journey.



Programme	Award	Duration (Years) FT/PT	UK and EU Fees <sup>1</sup>	INT Fee	Entry Requirement <sup>2</sup> + IELTS*
Quantitative Finance	MSc	1Y FT	£6,500 NB: £1,000 deposit (deducted from tuition fee) required on acceptance of offer.	£17,000 NB: £1,000 deposit (deducted from tuition fee) required on acceptance of offer.	2.1 IELTS: 6.5
Risk and Investment Management	MSc	1Y FT / 2Y PT	£6,500	£16,000	2.1 <b>IELTS:</b> 6.5
Research					
Accounting	PhD, MPhil	3Y FT (PhD), 2Y FT (MPhil)	TBC. See website for details	£15,100	2.1 + Master's 60%
Economics	PhD, MPhil	3Y FT (PhD), 2Y FT (MPhil)	TBC. See website for details	£15,100	2.1 + Master's 60%
Finance	PhD, MPhil	3Y FT (PhD), 2Y FT (MPhil)	TBC. See website for details	£15,100	2.1 + Master's 60%
Management	PhD, MPhil	3Y FT (PhD), 2Y FT (MPhil)	TBC. See website for details	£15,100	2.1 + Master's 60%

1 Postgraduate taught tuition fees for 2017-18 are proposed at time of print, please refer to website for further information. Postgraduate research tuition fees will be set in early 2017, please refer to website for further information. Please see <u>qub.ac.uk/TuitionFees</u>.

<sup>2</sup> This is intended as a guide only to the general academic entry requirements for postgraduate programmes, expressed in terms of UK Honours degree classifications. Please see pages 34-35 and the online Course Finder for further information on academic and English language requirements.

\*The IELTS Academic scores listed are the minimum overall score requirements. Unless otherwise indicated (\*\*), the minimum score required in each test component is normally 5.5. See also page 35.

#### Economics (MSc)

An intensive postgraduate course offering you the opportunity to develop an in-depth understanding of economic theory, its application to critical real-world issues, and the practical skills needed to excel as a professional economist in the postcrisis 21st-century global economy.

You'll attend seminars and masterclasses from expert guest speakers, and undertake weekly training sessions in market-leading econometrics software such as STATA.

### Finance (MSc)

You'll explore how company managers and investors make financial decisions, how they manage their risk and how financial markets function.

You have an interest in financial decision-making and financial institutions, and you want a career in the financial services sector or in academia.

Your background may not necessarily be in finance, so this is a great opportunity to gain depth of knowledge in the field of financial decision-making and understanding financial markets.

### Human Resource Management (MSc)

You want to advance your career in the HR field and gain employment in a range of HR roles. You recognise the importance of people management in organisational success.

This course is accredited by the Chartered Institute of Personnel and Development and is taught by a mixture of world-class researchers and experienced practitioners, and is designed to provide you with a high standard of understanding of the current trends, opportunities and challenges facing HRM practitioners.

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### International Business (MSc)

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You wish to gain essential skills necessary to understand and manage business challenges and opportunities in a global settina.

You'll focus on organisations that do not limit their operations to a single nation state, such as Google, and you'll consider why these organisations exist and how they are successful in the ever-changing global environment.

You are likely to want a career in a multinational corporation, international organisation or consultancies, many of which have offices in Ireland.

### Management (MSc)

This course is for you if you are from a non-business or management background, and you wish to either enhance your first degree or move towards a successful management career. You want to understand how organisations operate in today's global marketplace and how the different functions of management (such as strategy and operations) link together.

This programme educates students on the many facets of management while also developing important management skills such as critical thinking, problem solving, and communication.

### Marketing (MSc)

This programme has been designed to give you the financial, numerical and research skills required to compete in the highly competitive global marketplace.

You'll develop the skills and knowledge necessary to help build relationships with consumers and satisfy their requirements. You will be ideally placed for a career in digital marketing, advertising, brand management, market research, public relations or academia, and be exempted from Chartered Institute of Marketing examinations.

### Quantitative Finance (MSc)

This degree will equip you with the cuttingedge quantitative and computational techniques and strategies used by leading financial firms. It will prepare you for a career in a quantitative finance, trading, portfolio management, data analytics or risk management background. You'll learn through simulation-based teaching in the trading room, how mathematical, programming and statistical tools are used in the real world for the analysis and modelling of financial data.

**Risk and Investment Management** (MSc)

You'll look at how organisations and investors evaluate and address risks to maximise the chances of achieving their objectives.

You'll use the cutting-edge risk management tools and strategies used by leading financial firms and regulatory bodies. You have an interest in risk management and financial regulation and want a career in areas such as corporate risk, compliance, consultancy, or academia. You'll gain exemptions from the Professional Risk Manager (PRM) exams.

### RESEARCH PROGRAMMES

#### Accounting (PhD/MPhil)

You'll join an energetic research group with strengths including accounting change, accounting education, performance measurement and management, governance and ethics in charities, and across the public sector and multinational companies, using both quantitative and qualitative research techniques.

You'll also benefit from attending courses, seminars and tailor-made reading groups.



### Economics (PhD/MPhil)

You'll be researching topics including economic theory, applied economics, econometrics, game theory and economic history, economics of networks and institutions, business, empirical economics and econometrics, and economic growth.

You'll benefit from close research advice and direction from your supervisors and other academics in the group, plus you'll attend courses and tailor-made reading groups to complete your background preparation.

#### Finance (PhD/MPhil)

Covering finance and financial history, financial markets and institutions and not-for-profit financial institutions, you will benefit from attending courses and tailormade reading groups to complete your background preparation in finance.

You'll be able to gain experience as a teaching assistant in a variety of undergraduate courses.

You'll regularly attend seminar series, which attract leading academics from around the world, and present their work at these events, gaining invaluable advice and preparation for the academic job market.

В Business and Management – Faculty of Arts, Humanities and Social Sciences



### Management (PhD/MPhil)

You'll be part of an energetic research cluster that continuously strives for excellence in both its teaching and its scholarship across the themes of entrepreneurship, innovation and creativity, human resource management and workplace change, marketing, international business, supply chain management and strategy, and public sector management.

You'll benefit from attending courses and tailor-made reading groups to complete your preparation in business and management sciences, and have access to the School's seminar series, which attracts leading global academics.



Find out more go.gub.ac.uk/PG-Business askahss@gub.ac.uk

### C

### **RESEARCH PROGRAMME**

### Computer Science (PhD/MPhil)

Research in this area aims to enhance the way we benefit from technology in communication, health services, big data, data security and many other related areas.

Your research will fall into one of our research clusters, covering topics such as High Performance and Distributed Computing, Knowledge and Data Engineering, and Speech, Image and Vision Systems.

With our research and the spin-out companies that support us you'll be in an excellent position to drive and influence economies at a local, national and international level. IN 2016, COMPUTING AT QUEEN'S MOVES INTO A BESPOKE £15M BUILDING, OFFERING OUTSTANDING ENVIRONMENTS TO BLEND TECHNICAL LEARNING, GROUP PROJECTS AND RESEARCH IN ONE CENTRE

> NORTHERN IRELAND IS HOME TO MORE SOFTWARE COMPANIES THAN ANY OTHER PART OF THE UK OUTSIDE LONDON

Find out more go.qub.ac.uk/PG-Computer askeps@qub.ac.uk





# COMPUTER SCIENCE

Pioneering research is the lifeblood of computer science, with this commitment giving rise to the Institute of Electronics, Communications and Information Technology and the Centre for Secure Information Technologies, one of the UK's lead university centres for cyber security research.

Our postgraduate programmes strike a balance between research-led content and providing industry-ready graduates. We have an established approach to integrating with business through the commercialisation of research, which continues to inform our curriculum.

Programme	Award	Duration (Years) FT/PT	UK and EU Fees <sup>1</sup>	INT Fee	Entry Requirement <sup>2</sup> + IELTS*				
Taught									
Applied Cyber Security Applied Cyber Security	MSc, PgDip, MSc	1Y FT / 2Y PT 2Y FT	£12,600	£19,000	2.1 IELTS: 6.0				
with Professional Internship	IVISC	2111							
Bioinformatics and Computational Genomics (see page 79)	MSc	1Y FT	£5,500	£15,200	2.1 IELTS: 6.5**				
Software Development	MSc	1Y FT	£5,500 NB: £400 deposit (deducted from tuition fee) required on acceptance of an offer	£19,000	2.2 + aptitude test IELTS: 6.0				
Research									
Computer Science	PhD, MPhil	3Y FT (PhD), 2Y FT (MPhil)	TBC. See website for	£18,800	2.1 <b>IELTS:</b> 6.0				

1 Postgraduate taught tuition fees for 2017-18 are proposed at time of print, please refer to website for further information. Postgraduate research tuition fees will be set in early 2017, please refer to website for further information. Please see aub.ac.uk/TuitionFees.

details

<sup>2</sup> This is intended as a guide only to the general academic entry requirements for postgraduate programmes, expressed in terms of UK Honours degree classifications. Please see pages 34-35 and the online Course Finder for further information on academic and English language requirements.

\*The IELTS Academic scores listed are the minimum overall score requirements. Unless otherwise indicated (\*\*), the minimum score required in each test component is normally 5.5. See also page 35.

TAUGHT PROGRAMMES

Professional Internship (MSc)

focus on security technologies.

Applied Cyber Security (MSc/PgDip) Applied Cyber Security with

This GCHQ-certified Master's course has been developed in collaboration with global employers in the field of cyber security, to

provide you with the in-depth knowledge

You'll be given unique access to applied

skills development and networking

Facebook, IBM, McAfee and PwC.

Software Development (MSc)

of roles within the IT industry.

The course has a strong focus on

MSc, you'll be in strong demand.

If you are a graduate of a non-computing

discipline, this course provides a year of

intensive education in software engineering.

professional skills required to take on a range

employability and you'll be closely involved

with our industrial partners during course development, delivery and assessment.

These software development skills, such as

programming, are essential within local and

global economies, so, as a graduate of this

You'll develop the technical, analytical and

opportunities such as expert seminars, research talks, lab tours and many others. You'll also be offered summer internship opportunities with organisations such as

and practical skills you'll need, with a strong

# **CREATIVE ARTS**

Our links with arts organisations across the UK and Ireland gives you the opportunity to engage with the sector throughout your time with us.

We're home to a broad range of groups ranging from the Tyrone Guthrie Society to the Queen's University Big Band and Chamber Choir.

You'll benefit from advanced facilities including the Sonic Arts Research Centre, a £1m Film Studio with state-of-the-art LED lighting, the Brian Friel Theatre and the Queen's Film Theatre.

Programme	Award	Duration (Years) FT/PT	UK and EU Fees <sup>1</sup>	INT Fee	Entry Requirement <sup>2</sup> + IELTS*					
Taught										
Arts and Humanities	MRes	1Y FT / 2Y PT	£5,500	£15,200	2.1 + 750- word research proposal IELTS: 6.5					
Arts Management	MA	1Y FT / 2Y PT	£5,500	£15,200	2.1 IELTS: 6.5					
English (Broadcast Literacy) (see page 62)	MA, PgDip	1Y FT / 2Y PT	£5,500	£15,200	2.1 + written piece IELTS: 6.5					
English (Creative Writing) (see page 62)	MA, PgDip	1Y FT / 2Y PT	£5,500	£15,200	2.1 + written piece IELTS: 6.5					
English (Poetry: Creativity and Criticism) (see page 63)	MA, PgDip	1Y FT / 2Y PT	£5,500	£15,200	2.1 + written piece IELTS: 6.5					
Film	MA	1Y FT / 2Y PT	£5,500	£15,200	2.1 IELTS: 6.5					
Research										
Arts Management	PhD	3Y FT (PhD), 2Y FT (MPhil)	TBC. See website for details	£15,100	2.1 IELTS: 6.5					
Drama Studies	PhD, MPhil	3Y FT (PhD), 2Y FT (MPhil)	TBC. See website for details	£15,100	2.1 IELTS: 6.5					
Film and Visual Studies	PhD, MPhil	3Y FT (PhD), 2Y FT (MPhil)	TBC. See website for details	£15,100	2.1 IELTS: 6.5					
Music	PhD, MPhil	3Y FT (PhD), 2Y FT (MPhil)	TBC. See website for details	£15,100	2.1 I <b>ELTS:</b> 6.5					
Sonic Arts	PhD, MPhil	3Y FT (PhD), 2Y FT (MPhil)	TBC. See website for details	£15,100	2.1 IELTS: 6.5					



### **TAUGHT PROGRAMMES**

#### Arts and Humanities (MRes)

This is a research preparation degree that offers students the opportunity to undertake advanced studies within Queen's Faculty of Arts, Humanities and Social Sciences. The course is structured around the personal research interests of each student and supported by a bespoke research preparation portfolio and a range of optional modules in areas related to the research. The MRes is available in a wide range of disciplines within the Faculty.

### Arts Management (MA)

This course will equip you with the knowledge of international trends in cultural policy and how they are affecting, and are affected by, the practice of Arts Management. It will give you practical skills essential to Arts Management, particularly strategic planning, financial management, business planning and the art of engaging audiences.

You'll gain awareness of different research methodologies and their application to the work of arts managers.

Queen's University Belfast - Postgraduate Prospectus 2017



### Film (MA)

The most important mass medium and art form of modern times, film-making and criticism is an area of immense interest, pleasure, and creativity. Supported by stateof-the-art new film teaching and production facilities, you'll be able to specialise in practice-based and critical approaches to film and other media arts.

In particular, you will develop skills in the analysis of film and media arts and apply them in the production of creative projects, such as screenplays, short films and video essays.

### **RESEARCH PROGRAMMES**

### Arts Management (PhD)

You'll focus on the social, historical and political processes involved in making, managing, and developing policy for the arts and culture, and your research may examine access, participation and audience development in the arts, their impact and evaluation, the making and displaying of art and heritage, issues of equality and diversity, professional development of cultural practitioners (education and training), social inclusion/exclusion and the impact of new technologies on arts management.



### Drama Studies (PhD/MPhil)

You'll study at the renowned Brian Friel Theatre and Centre for Theatre Research. You'll have the opportunity to undertake advanced, original research in areas such as Irish Theatre, Shakespeare, post-conflict drama, movement and dance, practice-asresearch and applied theatre.

You'll participate in a series of research workshops, seminars and colloquia to help you produce cutting-edge research into theatre history and contemporary practice and to develop international teaching, research and creative arts partnerships.

### Film and Visual Studies (PhD/MPhil)

You wish to conduct research into historical or broader theoretical issues in film and audiovisual cultures, or wish to undertake practice-led research.

You have two pathways to choose from: a Creative Practice route, examining areas such as Documentary Film, Conflict Transformation, New Media and Experimental Aesthetic Practices; and a Film and Visual Studies route, looking at cinema history and historiography, sound and film, world and comparative film studies, documentary film, and Irish film and audiovisual culture.



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### Music (PhD/MPhil)

You'll follow one of two broad research pathways.

If you pursue research in Musicology, you'll focus on scholastic study of significant figures such as Bach, Handel and Mozart as well as contemporary performance, critical studies in music, improvisation and Irish traditional music.

If you're a composer, you'll work across a broad range of creative practice from acoustic composition through to creative work in sonic arts. You'll have invaluable workshop contact with visiting international artists and with the Ulster Orchestra.

### Sonic Arts (PhD/MPhil)

You'll learn in an established centre of excellence dedicated to the research of music and technology, exploring musical composition, performance, spatial audio, sound and interactivity, virtual acoustic instruments and cultural and critical aspects of sonic arts.

The Sonic Laboratory's unique flexibility can provide for experiments in 3D sound diffusion and for ground-breaking compositional and performance work within a purpose-built, variable acoustic space.

1 Postgraduate taught tuition fees for 2017-18 are proposed at time of print, please refer to website for further information. Postgraduate research tuition fees will be set in early 2017, please refer to website for further information. Please see <a href="https://gub.ac.uk/TuitionFees">gub.ac.uk/TuitionFees</a>.

\*The IELTS Academic scores listed are the minimum overall score requirements. Unless otherwise indicated (\*\*), the minimum score required in each test component is normally 5.5. See also page 35.

Find out more go.qub.ac.uk/PG-Arts askahss@qub.ac.uk

<sup>2</sup> This is intended as a guide only to the general academic entry requirements for postgraduate programmes, expressed in terms of UK Honours degree classifications. Please see pages 34-35 and the online Course Finder for further information on academic and English language requirements.

# **EDUCATION**

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We are driven by a desire to ensure that education helps everyone reach their full potential and helps build an open and inclusive society. We play a leading role in influencing educational policy and practice in Northern Ireland.

We are proud of the global reputation we have for the quality of our research and teaching and the impact it has on transforming the lives of educators and learners.

Programme	Award	Duration (Years) FT/PT	UK and EU Fees <sup>1</sup>	INT Fee	Entry Requirement <sup>2</sup> + IELTS*
Taught					
Arts and Humanities (see page 52)	MRes	1Y FT / 2Y PT	£5,500	£15,200	2.1 + 750-word research proposal IELTS:6.5
Applied Behaviour Analysis	MSc, PgDip	1Y FT / 2*-3Y PT * Subject to specific University regulations.	£5,500	£15,200	2.1 / 2.2 + experience IELTS: 6.5
Autism Spectrum Disorders	MSc, PgDip, PgCert	1Y FT / 3Y PT	£5,500	£15,200	
Children's Rights	MSc, PgDip, PgCert	Individual modules may be studied as short courses.	£5,500	£15,200	
Educational Leadership	MSc, PgDip, PgCert		£5,500	£15,200	_
Educational Studies	MEd, PgDip, PgCert		£5,500	£15,200	
Inclusion and Special Needs Education	MEd, PgDip, PgCert		£5,500	£15,200	
Postgraduate Certificate in Education	PGCE	1Y FT	£5,500	£15,200	Honours Degree IELTS: 6.5 Additional requirements apply – please see the online Course Finder for details.



### TAUGHT PROGRAMMES

### Applied Behaviour Analysis (MSc/PgDip)

This highly interactive programme is approved by the Behavior Analyst Certification Board (BACB) and is likely to appeal to you if you are a speech/language therapist, occupational therapist, psychologist or alternatively a student preparing for PhD studies.

The programme enables you to meet the growing demand for behaviour analysts and offers great opportunities for professional development as well the research skills that can lead to a doctorate in the area of Applied Behaviour Analysis.

Note: unfortunately this course is not eligible for a Tier 4 visa.

### Autism Spectrum Disorders (MSc/PgDip/PgCert)

You will explore the theories and practice underpinning autism spectrum disorders. It will appeal to you if you already work as a teacher or in a similar area.

On completion of the degree, you will have developed a breadth of understanding of the special needs of people diagnosed with ASD. You'll be able to apply relevant research literature to your experience and will develop a range of specialised practical skills.

Queen's University Belfast - Postgraduate Prospectus 2017

#### Children's Rights (MSc/PgDip/PgCert)

You'll gain the opportunity to learn and apply key international children's rights concepts and standards, covering a range of issues that affect children's lives. This course places an emphasis on interdisciplinary approach and on participatory research with children. The programme features input from leading international children's rights scholars at Queen's and from around the world.

### Educational Leadership (MSc/PgDip/PgCert)

It aims to equip you, as an educational professional, with the necessary knowledge, skills, and creative capacity to develop leadership skills, to respond to a variety of leadership challenges, to promote your critical and creative thinking, and to question assumptions. This is achieved through extended periods of academic study and insightful conversations with your professional peers.

Programme	Award	Duration (Years) FT/PT	UK and EU Fees <sup>1</sup>	INT Fee	Entry Requirement <sup>2</sup> + IELTS*
TESOL	MSc, PgDip, PgCert	1Y FT / 3Y PT Individual modules may be studied as short courses.	£5,500	£15,200	2.1 / 2.2 + experience IELTS: 6.5

### Professional Doctorates (include Taught and Research elements)

Childhood Studies (see page 96)	DChild	4-8Y PT	£5,500	£15,200	2.1 + Master's + experience. Additional requirements apply – please see the online Course Finder for details. IELTS: 6.5					
Doctorate in Education	EdD	3-4Y FT / 4-8Y PT	£5,500	£15,200	2.2 + Master's + experience. Additional requirements apply – please see the online Course Finder for details. IELTS: 6.5					
Research										
Education	PhD, MPhil	3Y FT (PhD) / 2Y FT (MPhil)	TBC. See website for details	£15,100	2.1 IELTS: 6.5					

1 Postgraduate taught tuition fees for 2017-18 are proposed at time of print, please refer to website for further information. Postgraduate research tuition fees will be set in early 2017, please refer to website for further information. Please see <u>qub.ac.uk/TuitionFees</u>.

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This course offers a fantastic range of opportunities for teachers and others involved in education to engage in professional development. You will benefit from a stimulating and supportive environment that will introduce you to new ideas from across a range of topics of your choice, the latest research and fresh approaches in the field of education.

The programme offers you the opportunity to familiarise yourself with current research on learning and teaching, assessment and curriculum design.

#### Inclusion and Special Needs Education (MEd/PgDip/PgCert)

In a society whose ambition is to increase social justice and inclusion, this Master's programme is unique not only because of the disciplinary approaches it employs, but also because you'll study and apply an approach to wellbeing that has been developed by some of the world's leading thinkers. The skills you will develop include critical thinking skills and how best to be an inclusive practitioner and, since this is a professionally based degree, you will apply what you have learned to your own professional practice.

### Postgraduate Certificate in Education (PGCE)

Our PGCE will appeal to you if you wish to move into teaching and if you are in the final year of your first degree, have completed a higher degree, or have decided to become a post-primary teacher after working in a different career area.

It aims to develop your competence and confidence in the teaching of your chosen subject specialism and in the general professional role of the teacher. We are also a GTCNI accredited provider of Initial Teacher Education programmes.

### TESOL (MSc/PgDip/PgCert)

A professionally-oriented higher degree if you intend to follow a career in English Language Teaching, or if you wish to develop your knowledge of teaching English language learners.

You'll be challenged to think in new ways to transform your professional practice for the better.

The programme enables you to gain the knowledge to devise and teach effective English language courses and the essential research and analytical skills to keep up with the rapid developments in the field.

### **PROFESSIONAL DOCTORATES**

#### Doctorate in Education (EdD)

If you are an experienced professional in the field of education, this programme enables you to undertake doctoral research embedded in professional practice.

It combines both taught and self-directed elements, in which you will investigate your own area of practice to make an original contribution to research knowledge in the field of education.

You will be able to demonstrate a critical evaluation of the relevant literature, a high level of competence in appropriate research methods, and the ability to communicate the results and their implications.



### Education (PhD/MPhil)

You'll be part of a dynamic doctoral study environment, alongside students from over 25 different countries working on a range of topics within the field of Education.

We have a lively community of over 200 full-time and part-time research students.

You'll have the opportunity to become part of a supportive research community that lends emphasis to the crossfertilisation of ideas and innovation in the advancement of knowledge.





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ORGANISATIONS, INCLUDING UNESCO, UNICEF AND THE COUNCIL OF EUROPE



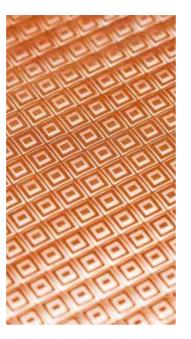
Find out more go.qub.ac.uk/PG-Education askahss@qub.ac.uk

Queen's University Belfast – Postgraduate Prospectus 2017

# **ENGINEERING**

Engineering has a long-established history at Queen's, stretching back over 100 years. In that time, we have continued to solve societal problems, generate world-renowned research and provide solutions for businesses. Engineering works in the space between academia and industry, and our current themes range from renewable energy and smart cities through to biomedical materials.

Programme	Award	Duration (Years) FT/PT	UK and EU Fees <sup>1</sup>	INT Fee	Entry Requirement <sup>2</sup> + IELTS*					
Taught										
Advanced Aerospace Engineering	MSc	1Y FT / 2-3Y PT	£5,500	£19,000	2.2 IELTS: 6.0					
Advanced Mechanical Engineering	MSc	1Y FT / 2-3Y PT	£5,500	£19,000	2.2 IELTS: 6.0					
Electronics Electronics with Professional Internship	MSc MSc	1Y FT / 2-3Y PT	£5,500	£19,000	2.2 IELTS: 6.0					
Environmental Engineering	MSc, PgDip	1Y FT / 2-3Y PT	£5,500	£19,000	2.2 IELTS: 6.5					
Materials Science for Innovative Engineering	MSc, PgDip, PgCert	3Y online distance learning (1yr FT equivalent)	£5,500	£15,200 (DL) £19,000 (FT)	2.2 IELTS: 6.0					
Pharmaceutical Analysis	MSc	1Y FT / 2Y PT	£5,500	£19,000	2.2 IELTS: 6.0					
Structural Engineering Design and Management	MSc	1Y FT	£5,500	£19,000	2.2 IELTS: 6.5					
Research										
Chemistry and Chemical Engineering	PhD, MPhil	3Y FT (PhD) / 2Y FT (MPhil)	TBC. See website for details	£18,800	2.1 IELTS: 6.0					
Civil Engineering	PhD, MPhil	3Y FT (PhD) / 2Y FT (MPhil)	TBC. See website for details	£18,800	2.1 IELTS: 6.5					
Electrical and Electronic Engineering	PhD, MPhil	3Y FT (PhD) / 2Y FT (MPhil)	TBC. See website for details	£18,800	2.1 IELTS: 6.0					
Mechanical and Aerospace Engineering	PhD, MPhil	3Y FT (PhD) / 2Y FT (MPhil)	TBC. See website for details	£18,800	2.1 IELTS: 6.0					



### **TAUGHT PROGRAMMES**

### Advanced Aerospace Engineering (MSc)

You'll be well placed to have an immediate impact on the challenges currently facing the aerospace industry, learning advanced skills and knowledge from the specialised modules on offer.

You'll gain Royal Aeronautical Society (RAeS) accreditation, and study at state-of-the-art facilities such as laboratories for turbomachinery, engine catalysis, industrial-scale materials processing, large-scale structural and materials testing, thermal and chemical analysis, microscopy and x-ray imaging, benefiting from the project-based learning approach.

You'll benefit from our teaching and research links with industries including aerospace, turbomachinery, automotive, consumer materials, and biomedical devices.

Queen's University Belfast - Postgraduate Prospectus 2017



### Advanced Mechanical Engineering (MSc)

You'll gain expertise in areas of importance to society, studying on a project that will allow you to develop independent working skills. The international mix of students and staff reflects the working environment in global businesses.

You'll sharpen your advanced scientific knowledge, and interpersonal, research and management skills.

You'll gain Institute of Mechanical Engineers (IMechE) accreditation and, as with the Aerospace Engineering Master's, have access to class-leading laboratory facilities.

### Electronics (MSc) Electronics with Professional Internship (MSc)

Designed as a specialised extension to Electronics at undergraduate level, this degree will enable you to develop expertise, to work in areas such as technical development and operational analysis, in management and senior technical positions.

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You'll have access to specialist facilities for the study of microengineering, electronics, communications, circuits, instrumentation, virtual reality, software engineering, renewable energy, power and machines.

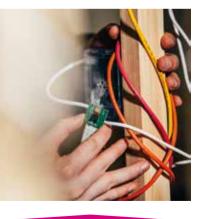
The Queen's Advanced Microengineering Centre (QAMEC) is a Centre of Excellence for research and development employing silicon technology and MEMS technology.

### Environmental Engineering (MSc/PgDip)

This will develop your intellectual, practical, and professional skills in the analysis, interpretation and understanding of environmental engineering principles, preparing you for a career in the environmental, consultancy, regulatory, management, and engineering industry or further study.

This degree is accredited as meeting the requirements for Further Learning for a Chartered Engineer (CEng) for candidates who have already acquired an Accredited CEng (Partial) BEng (Hons) undergraduate first degree. This will develop your understanding of environmental engineering principles and provide you with relevant professional skills through practical field and lab-based tutorials and study trips as well as strong industry involvement in the programme. In doing so, the course will equip you for a career in the environmental consultancy, regulatory and management industry or for further research studies.

This programme is accredited as meeting the requirements for "Further Learning" for Chartered Engineer (CEng) status in combination with a relevant undergraduate first degree and thus provides a key building block for a successful career in industry.



Find out more go.qub.ac.uk/PG-Engineering askeps@qub.ac.uk



### Materials Science for Innovative Engineering (MSc/PqDip/PqCert)

Materials Science is the foundation for many recent technological advances, and continues to drive development in a wide range of fields including electronics, aerospace and biotechnology.

The programme will give you an understanding of the principal facts, theories and methods associated with materials science, and caters for those in full-time employment interested in advancing their understanding of such developments.

### Pharmaceutical Analysis (MSc)

If you have a primary degree in chemistry, pharmacy or a related subject, this degree is designed to provide you with advanced knowledge and high-level practical skills in laboratory analysis, and meets the ongoing need for analysts in the pharmaceutical industry.

Apart from basic and advanced separation, spectroscopic and characterisation techniques, you'll learn about aspects of quality assurance and quality control, as well as the preparation of scientific and technical reports.

#### Structural Engineering Design and Management (MSc)

This unique new programme considers how to manage structures from beginning to end, including topics such as repair and maintenance and management of ageing structures.

You'll have good numerical and analytical abilities and are working towards gaining Chartered Engineer status.

Professional bodies, such as the Institution of Structural Engineers, will require you to hold an accredited Master's level degree such as this one. enabling you to meet industry demand for specialists in this area.



### **RESEARCH PROGRAMMES**

### Chemistry and Chemical Engineering (PhD/MPhil)

Your research will develop and expand our core areas of catalysis, biological and medicinal chemistry, and materials.

Our areas of interest include adventurous research at the cutting edge of catalysis (where chemistry meets other disciplines, especially engineering, innovative Molecular Materials and Functional Materials), ionic liquid technology ('super solvents' which do not form vapours and can be used as non-polluting alternatives to conventional solvents) and Synthesis and Biological Organic Chemistry (working to deliver compounds addressing the regulation of cellular functions).



### Civil Engineering (PhD/MPhil)

Your research will advance knowledge in the civil engineering field, building on existing and developing new international collaborations.

Your work will help to address the challenges of energy, carbon, clean water, infrastructure; exploring extremes and defining new limits. Our key research areas include marine renewable energy, groundwater and environmental systems, geotechnics, intelligent infrastructure and high-performance structures, energy efficient materials and construction and project management.

### key research areas such as: digital communications; energy; power and intelligent control; high-frequency electronic circuits and antennas; secure information technologies; semiconductors and nanotechnology; and system-on-chip. Our commitment to research has led

(PhD/MPhil)

to the establishment of the Institute of Electronics, Communications and Information Technology (ECIT) and more recently the Centre for Secure Information Technologies (CSIT), the UK's lead university centre for cyber security research.

You'll want to enhance the way we use

technology in communication, health

services, data security and many other

related areas, working in one of our

#### Electrical and Electronic Engineering Mechanical and Aerospace Engineering (PhD/MPhil)

We aim to conduct high-quality, fundamental studies of value to international industries and to prepare you for employment in these industries.

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Research is split across three clusters: Advanced Materials and Processing cluster (processing, modelling and development of high-performance materials): Aerospace and Manufacturing (digital manufacturing, modelling and simulation, composites and modelling of complex systems); and Clean Energies (mainly Modelling and Simulation, Aftertreatment, Turbomachinery and Energy from Waste).





# ENGLISH STUDIES

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Perhaps best known for the study of Anglo-Irish literature, contemporary English Studies, Poetry, and Creative Writing, we are ranked 6th in UK for Research Intensity in the Research Excellence Framework (REF 2014).

You'll be taught by award-winning writers and internationally renowned scholars, including Belfast's Poet Laureate Sinead Morrissey, and follow in the footsteps of greats like Seamus Heaney.

Programme	Award	Duration (Years) FT/PT	UK and EU Fees <sup>1</sup>	INT Fee	Entry Requirement <sup>2</sup> + IELTS*			
Taught								
Arts and Humanities (see page 52)	MRes	1Y FT / 2Y PT	£5,500	£15,200	2.1 + 750- word research proposal IELTS: 6.5			
English (Broadcast Literacy)	MA, PgDip	1Y FT / 2Y PT	£5,500	£15,200	2.1 + written piece			
English (Creative Writing)	MA, PgDip	1Y FT / 2Y PT	£5,500	£15,200	IELTS: 6.5			
English (Poetry: Creativity and Criticism)	MA, PgDip	1Y FT / 2Y PT	£5,500	£15,200				
English: English Literary Studies	MA, PgDip	1Y FT / 2Y PT	£5,500	£15,200				
Research								
English	PhD, MPhil	3Y FT (PhD), 2Y FT (MPhil)	TBC. See website for details	£15,100	2.1 + Master's			

1 Postgraduate taught tuition fees for 2017-18 are proposed at time of print, please refer to website for further information. Postgraduate research tuition fees will be set in early 2017, please refer to website for further information. Please see aub.ac.uk/TuitionFees.

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### **TAUGHT PROGRAMMES**

### English (Broadcast Literacy) (MA/PgDip)

Offering an integrated programme of study in the theoretical, applied and creative aspects of contemporary broadcasting, this programme is especially likely to appeal to you if your background is in English, politics, history, journalism, cultural studies and creative writing.

You will be introduced to theoretical approaches to broadcasting, as well as to basic techniques useful for broadcast practice.

### English (Creative Writing) (MA/PgDip)

Focusing on prose fiction and scriptwriting, this course will encourage your development as an independent writer and self-reflective lifelong learner, and provide you with a broad understanding of the commercial aspects of literary production.

You'll be taught by experienced novelists, playwrights and screenwriters, attend workshops with visiting authors, publishers, editors and agents, and have a number of opportunities to present your work.





### English (Poetry: Creativity and Criticism) (MA/PgDip)

You will join an academic environment with a long-standing reputation and gain the opportunity of working with some of Ireland's most renowned poets.

You'll be based at the Seamus Heaney Centre for Poetry, the first Centre of Excellence for poetry in Ireland. You will also present your work to the public, ensuring that the tradition of poetry at Queen's extends to a wide audience of students, writers, and the wider community.



### English Literary Studies (MA/PgDip)

Students choose topics which allow them to explore a broad range of historical periods (from the Anglo-Saxon period to the contemporary) and cultures (pertaining particularly to Britain, Ireland, America, and India). Teaching reflects the research strengths of the School in Old English, Medieval, Renaissance, 18th-century/ Romantic, Victorian, and Modernist literatures in addition to twentieth-century and contemporary Poetry and Irish and American culture.

The literary studies team hosts a weekly research seminar and both staff and postgraduate students organise regular symposia and conferences and participate in research networks within the Faculty, the UK/Ireland and internationally.



### **RESEARCH PROGRAMME**

### English (PhD/MPhil)

The School's strategy is to encourage research across all its subject areas. We have a diverse range of projects but also form a close-knit community of fellow scholars, writers and critics.

You'll be taught by academics of the highest calibre, and have access to outstanding resources such as The Seamus Heaney Centre for Poetry, the Institute of Irish Studies and the manuscript and print collections held by the McClay Library.

> Find out more go.qub.ac.uk/PG-English askahss@qub.ac.uk

Find out more

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# **FOOD SECURITY**

We are internationally recognised for our research in Food Security and Food Safety, influencing food and nutrition policy at a national and international level.

If you have aspirations of working in industry across the world, or are interested in progressing to further research, our Food Security programmes draw on the expertise within the School of Biological Sciences and the Institute for Global Food Security to deliver the latest knowledge and thinking.

Programme	Award	Duration (Years) FT/PT	UK and EU Fees <sup>1</sup>	INT Fee	Entry Requirement <sup>2</sup> + IELTS*
Taught					
Advanced Food Safety	MSc	1Y FT	£5,500	£19,000	2.2 IELTS: 6.0
Global Food Security (Food Safety)	MSc, PgDip, PgCert	DISTANCE LEARNING (DL)	£56.50 per CATS point MSc (180 CATS): £10,170 PgDip (120 CATS): £6,780 PgCert (60 CATS): £3,390		2.2 IELTS: 6.0
Parasitology and Pathogen Biology (see page 45)	MSc, PgDip	1Y FT	£5,500	£19,000	2.2 IELTS: 6.0
Research					
Food Safety and Biotechnology	MPhil	1Y (FT) or PT equivalent	TBC. See website for details	£18,800	2.2 IELTS: 6.0
Food Safety and Nutrition	PhD, MPhil	3Y FT (PhD), 2Y FT or PT equivalent (MPhil)	TBC. See website for details	£18,800	2.1 IELTS: 6.0
Microbes and Pathogen Biology (See page 45)	PhD, MPhil	3Y FT (PhD), 2Y FT or PT equivalent (MPhil)	TBC. See website for details	£18,800	2.1 IELTS: 6.5



### **TAUGHT PROGRAMMES**

### Advanced Food Safety (MSc)

You aim to, or currently work in, the agri-food industry and related sectors and want the opportunity to obtain a unique qualification delivered by research-active scientists in the Institute for Global Food Security (IGFS). You'll complete a laboratory-based, food safety related research project and the opportunity to gain practical experience in the use of conventional, and emerging, bioanalytical technology.

### Global Food Security (Food Safety) (MSc/PgDip/PgCert)

This online distance learning postgraduate programme comprises specialist modules such as chemical and microbiological feed and food safety, health, global food legislation, food fraud and advanced analytical methods for detecting food safety issues. The course is particularly suitable if you are already employed in the agrifood industry, regulatory agencies and analytical communities.

Queen's University Belfast - Postgraduate Prospectus 2017

### Food Safety and Biotechnology (MPhil)

You'll help to address current and emerging issues in food safety, an area of worldwide concern, and advances in knowledge and biotechnology are the key.

This course will open doors to a diverse range of disciplines as well as equipping you with the skills to be an independent researcher. Focusing on applied aspects of advanced and emerging analytical technologies it addresses current issues in food safety, nutrition and food supply. You will be based in modern laboratories equipped with state-of-the-art instruments.

### Food Safety and Nutrition (PhD/MPhil)

Research opportunities offered by this programme cover the entire food chain from farm to fork with a strong emphasis on improved food safety and nutrition, public health and food security.

You will conduct research under the supervision of leading scientists based in the Institute for Global Food Security and will benefit from integration with business experts, helping you gain leadership positions nationally and internationally.





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Find out more go.qub.ac.uk/PG-FoodSec askmhls@qub.ac.uk

### HISTORY AND ANTHROPOLOGY

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Spanning a wide range of disciplines including Anthropology, Ethnomusicology, History, Irish studies and Philosophy, we offer you a thriving study environment.

Anthropology, History and Philosophy at Queen's were all ranked in the top 20 in the UK for research intensity and research impact in the Research Excellence Framework (REF 2014), and you'll benefit from our strong links with universities in the UK, Europe, the USA and Canada.

Programme	Award	Duration (Years) FT/PT	UK and EU Fees <sup>1</sup>	INT Fee	Entry Requirement <sup>2</sup> + IELTS*					
Taught										
Anthropology	MA	1Y FT / up to 3Y PT	£5,500	£15,200	2.1 IELTS: 6.5					
Arts and Humanities (see page 52)	MRes	1Y FT / 2Y PT	£5,500	£15,200	2.1 + 750- word research proposal IELTS: 6.5					
History	MA	1Y FT / up to 31 mths (max) PT	£5,500	£15,200	2.1 <b>IELTS:</b> 6.5					
Irish Studies	MA	1Y FT / up to 3Y PT	£5,500	£15,200	2.1 IELTS: 6.5					
Theology	MTh, Grad Dip	MTh: 1Y FT / 2-4Y PT Grad Dip: 1Y FT / 2Y PT	£5,500	£15,200	2.1 Additional requirements apply – please see the online Course Finder for details.					
					IELTS: 6.5					
Research		1	1							
Anthropology	PhD	3Y FT (PhD), 2Y FT or PT equivalent (MPhil)	TBC. See website for details	£15,100	2.1 IELTS: 6.5					
Cognition and Culture	PhD	3Y FT, or PT equivalent	TBC. See website for details	£15,100	2.1 IELTS: 6.5					
Ethnomusicology	PhD/ MPhil	3Y FT (PhD), 2Y FT or PT equivalent (MPhil)	TBC. See website for details	£15,100	2.1 IELTS: 6.5					



### **TAUGHT PROGRAMMES**

### Anthropology (MA)

You'll gain a general knowledge of the study of human similarity and human difference, looking at the building blocks of human society and culture, studying the value and meaning of human life from the grassroots up on a local and global platform.

You'll also explore ethnomusicology – the anthropology of music – an opportunity unique to you as a Queen's student, and benefit from the work carried out in our Institute of Cognition and Culture.

### History (MA)

This programme is designed around your research interests. You can opt to specialise in particular areas such as gender history, religious history, social history, political history or economic history. Or, you can create a more varied personal programme of study from one of five strands: American History; British History, Irish History; Ancient, Medieval and Early Modern History or Religion; Identity and Conflict in History.





Programme	Award	Duration (Years) FT/PT	UK and EU Fees <sup>1</sup>	INT Fee	Entry Requirement <sup>2</sup> + IELTS*
History	PhD		TBC. See website for details	£15,100	2.1 <b>IELTS:</b> 6.5
Irish and Celtic Studies (see page 71)	PhD	3Y FT (PhD), 2Y FT or PT equivalent (MPhil)	TBC. See website for details	£15,100	2.1 <b>IELTS:</b> 6.5
Irish Studies	PhD		TBC. See website for details	£15,100	2.1 <b>IELTS:</b> 6.5
Theology	PhD		TBC. See website for details	£15,100	2.1 <b>IELTS:</b> 6.5

1 Postgraduate taught tuition fees for 2017-18 are proposed at time of print, please refer to website for further information. Postgraduate research tuition fees will be set in early 2017, please refer to website for further information. Please see <u>gub.ac.uk/TuitionFees</u>.

<sup>2</sup> This is intended as a guide only to the general academic entry requirements for postgraduate programmes, expressed in terms of UK Honours degree classifications. Please see pages 34-35 and the online Course Finder for further information on academic and English language requirements.

\*The IELTS Academic scores listed are the minimum overall score requirements. Unless otherwise indicated (\*\*), the minimum score required in each test component is normally 5.5. See also page 35.

### Irish Studies (MA)

The aim of this course is to introduce you to conceptual tools allowing you to critically explore aspects of Irish Studies and explore the role of topics including communities, conflict, culture, tradition, history, politics, language, and peoples.

As a student of Irish Studies you'll also benefit from our strong links with universities in the UK, Europe, the USA and Canada.

### Theology (MTh/Grad Dip)

You'll work with your supervisor to decide your programme of study, and by the end of the degree you'll have studied key theological themes at an advanced level. You'll have developed a specialised understanding of a theological area chosen, undertaken wide and independent reading and developed research skills through engaging in an extended supervised dissertation.







### **RESEARCH PROGRAMMES**

### Anthropology (PhD)

You will explore the behaviour of people in Ireland, the British Isles, Europe, Africa, South Asia, South East Asia, Japan, the Caribbean, Latin America, Melanesia and Australia.

We offer supervision in a wide range of topics, including aspects of social and economic change, borders and migration, conflict transformation and human rights, emotions and the senses, gender, kinship and marriage, environmentalism, tourism, new religions and political movements and performance, art and culture.

### Cognition and Culture (PhD)

This is a burgeoning interdisciplinary field in which you'll seek to explain cultural patterns using the cognitive and evolutionary sciences.

We recognise the need to cross traditional disciplinary divisions in the scientific study of cultural phenomena, covering topics including religious beliefs and ritual actions, secularism and atheism, social cognition and agency. In 2017 a joint PhD and studentship will be offered in partnership with Aarhus University in Denmark.

### Ethnomusicology (PhD/MPhil)

You will research music cultures with a strong emphasis on ethnography and social theory to understand the anthropology of music. You'll strengthen your skills through performance practice, with numerous music and dance ensembles and opportunities for public showcases, and access to a large musical instrument collection and world music archive. This programme is unique in the UK.

### History (PhD)

You will engage in ground-breaking research in a historical subject of your choice. Throughout your study you will be supervised by our internationally recognised scholars. We have experts in American, Ancient, Asian, British, European and Irish history. Their research ranges chronologically from Ancient to Contemporary history and covers a wide selection of themes including political, religious, gender, social, economic, medical and colonial history. You will benefit from excellent library resources, web archives and international archival collections both in the University (such as our Special Collections archive) and outside (such as the Linenhall Library and the Public Record Office of Northern Ireland). You will also be within easy reach of libraries and archives in Dublin and elsewhere on the island of Ireland.

You will benefit from our collaborations with universities in the UK, the Republic of Ireland and abroad, including Boston College and Vanderbilt.

You will be a member of a vibrant graduate community which hosts regular lectures, seminars and conferences and will be encouraged to present the results of your research at these events and more widely at international conferences and workshops. Many of our doctoral graduates secure postdoctoral fellowships and academic posts in the UK, Ireland and elsewhere in the world.



### Irish Studies (PhD)

The Institute of Irish Studies has a longestablished international reputation for interdisciplinary research exploring the social, political, cultural and geographical factors that have influenced the people of this island and its diasporas. Research is conducted into the physical and political environment of the north of Ireland, mapping its unique influence on wider Irish and British identities.

#### Theology (PhD)

You will examine the historical and textual bases in theological areas including theologically-motivated movements and peoples in Christian history, the development of doctrine from New Testament times to the present, strategies and movements of Christian missions, the literature, language and worlds of both the Old and New Testaments, and theories of worship/Christian communication.

Find out more go.qub.ac.uk/PG-History askahss@qub.ac.uk

# LANGUAGES

In an increasingly globalised world, multilingualism is recognised as a key component of our global citizenship. Languages at Queen's offers you the opportunity of exciting prospects for future employment.

You'll have a weekly programme of visiting speakers – some of the best-known academics in the world. Research in Modern Languages at Queen's was ranked 3rd in REF 2014 for Research Intensity and 5th for Grade Point Average.

Programme	Award	Duration (Years) FT/PT	UK and EU Fees <sup>1</sup>	INT Fee	Entry Requirement <sup>2</sup> + IELTS*			
Taught								
Arts and Humanities (see page 52)	MRes	1Y FT / 2Y PT	£5,500	£15,200	2.1 + 750-word research proposal IELTS: 6.5			
Interpreting	MA	1Y FT	£5,500	£15,200	2.1 / 2.2 + experience IELTS: 6.5			
TESOL (see page 56)	MSc, PgDip, PgCert	1Y FT / up to 3Y PT Individual modules may be studied as short courses.	£5,500	£15,200	2.1 / 2.2 + experience IELTS: 6.5 NB: closing date for applications: 1 August 2017 (tbc)			
Translation	MA	1Y FT / 2Y PT	£5,500	£15,200	2.1 / 2.2 + experience IELTS: 6.5			
Research								

French Studies	PhD, MPhil	3Y FT (PhD), 2Y FT or PT	TBC. See website	£15,100	2.1 IELTS: 6.5
Interpreting		equivalent (MPhil)	for details		
Irish and Celtic Studies					
Lusophone Studies					
Spanish Studies					
Translation					



### TAUGHT PROGRAMMES

### Interpreting (MA)

You'll gain an in-depth knowledge and understanding of the contexts and practices of professional interpreting. You'll develop advanced expertise in your chosen language, an in-depth knowledge of the languageservices marketplace and have the opportunity to work in professional practice. You also have the chance to gain the Queen's Certificate in Translation Technologies.

### Translation (MA)

Queen's University Belfast - Postgraduate Prospectus 2017

This degree has been designed to provide you with an in-depth knowledge and understanding of the discipline of translation, enable you to develop the skills of a professional translator, provide you with advanced expertise in your principal non-native language and give you opportunities for further language-training and professional practice. The programme also includes specialist training in translation technologies.

### RESEARCH PROGRAMMES

You can choose a topic in either the

medieval or the modern period, not

iust relating to Ireland but to cultures in

Britain and elsewhere, and get involved

in the large number of major research

You'll develop and disseminate cutting-

the Irish language and also focuses on

aspects of language and literature in

Lusophone Studies (PhD/MPhil)

Engage in cutting-edge research and

debate across a variety of areas relating to the Portuguese-speaking world.

with particular emphasis on Brazil and Portuguese-speaking Africa. You'll be

actively involved in two cross-subject

Studies and Postcolonial Studies.

study with partner institutions too.

Spanish Studies (PhD/MPhil)

You'll strike a balance of traditional

and newer areas of investigation across

subjects including nineteenth-century

Spanish literature and culture, gender,

Golden Age poetry and drama and the

which explore the relationship between painting, graphic art, literature and film.

Latin America and postcolonialism.

We particularly welcome proposals

Enlightenment.

research fora, focusing on Latin American

We maintain research links with a number

of leading universities in Portugal, Brazil, and Africa, so you'll be able to undertake

edge research across all periods of

projects we host.

Scotland.

### French Studies (PhD/MPhil)

You will be strongly encouraged to participate in interdisciplinary research activity as well as conferences and workshops to promote cutting-edge research and debate across a variety of areas.

This course offers you the ability to work closely with world-leading experts in French culture and linguistics and join a vibrant community of postgraduates and interdisciplinary scholarship, recognised as a centre of excellence for research into the languages.

### Interpreting (PhD/MPhil)

You'll be an inquisitive researcher keen to investigate the role of the interpreter in the wider world. Your research may cover areas include public service interpreting, legal interpreting and sign language interpreting.

You'll have access to a network of international connections with leading translation and interpreting centres around the world, including in Brazil, China, France, Greece, Italy, Japan, Mexico, Poland, Spain, the UAE, and the USA.



Languages – Faculty of Arts, Humanities and Social Sciences

### Irish and Celtic Studies (PhD/MPhil) Translation (PhD/MPhil)

You'll become part of a research field that is expanding dynamically. We welcome research proposals in a variety of areas such as audiovisual translation, translation and cultural encounter and the role of translation in the fields of linguistics, literature, performance, sacred texts, ethics and the global stage.

You'll enjoy the benefits of a network of international connections with leading translation centres, including in Brazil, France, Greece, Italy, Japan, Mexico, Poland, Spain, the UAE, and the USA.



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2 This is intended as a guide only to the general academic entry requirements for postgraduate programmes, expressed in terms of UK Honours degree classifications. Please see pages 34-35 and the online Course Finder for further information on academic and English language requirements.

\*The IELTS Academic scores listed are the minimum overall score requirements. Unless otherwise indicated (\*\*), the minimum score required in each test component is normally 5.5. See also page 35.

Find out more go.qub.ac.uk/PG-Languages askahss@qub.ac.uk

# LAW

You'll join a dynamic postgraduate community. Our programmes are based on our research strengths and international links, in areas such as commercial law, corporate governance, criminology, criminal justice and human rights. Queen's School of Law is ranked 11th in UK for Law (The Guardian University Guide 2017). Our research shapes global and local debates and our new School of Law building contains dedicated facilities such as a Moot Court and three postgraduate floors.

Programme	Award	Duration (Years) FT/PT	UK and EU Fees <sup>1</sup>	INT Fee	Entry Reqs <sup>2</sup> + IELTS* (see right)
Taught					
Arts and Humanities (see page 52)	MRes	1Y FT / 2Y PT	£5,500	£15,200	1
Education: Children's Rights (see page 55)	MSc, PgDip, PgCert	1Y FT / up to 3Y PT Individual modules may be studied as short courses.	£5,500	£15,200	2
Law	LLM	1YFT / 2Y PT	£5,500	£15,200	3
Criminal Justice	LLM	1YFT / 2Y PT	£5,500	£15,200	3
European Law and Governance	LLM	1YFT / 2Y PT	£5,500	£15,200	3
Human Rights and Criminal Justice	LLM	1YFT / 2Y PT	£5,500	£15,200	3
Human Rights Law	LLM	1YFT / 2Y PT	£5,500	£15,200	3
International Business Law	LLM	1YFT / 2Y PT	£5,500	£15,200	3
Master's in Law	MLaw	2Y FT	TBC. See website for details.	£15,200	4
Legislative Studies and Practice (see page 91)	MA	1Y FT	£5,500	£15,200	5
Professional Legal Studies (Offered by the Institute of Professional Legal Studies)	PgDip (Barrister), PgDip (Solicitor)	1Y FT NB: a small number of PT places are available on the Bar course and for applicants recommended by the Law Society.	TBC. See website for details.	No international fees normally set	6

#### Entry Requirements

#### Taught courses

1.	2.1 + 750-word research proposal IELTS: 6.5
2.	2.1 / 2.2 + experience IELTS: 6.5
3.	2.1 / 2.2 + experience / Master's IELTS: 6.5
4.	2.1 (65%) (Exemption may b considered – see Course Finder for details) <b>IELTS:</b> 6.5
5.	2.1 (65%) IELTS: 6.5
6.	Recognised Law degree* (or non-Law degree plus approved Legal Studies course) together with selection on the basis of performance in competitive admissions test; or recommended and approved students of the Honorable Society of th Inn of Court of Northern Ireland; or recommended and approved students of the Law Society of Northern Ireland.

#### \* A list of recognised Law degrees is given on the Institute's website.

 2.1 IELTS: 6.5
 2.1

IELTS: 7.0\*\*



Programme	Award	Duration (Years) FT/PT	UK and EU Fees <sup>1</sup>	INT Fee	Entry Reqs <sup>2</sup> + IELTS* (see left)
Youth Justice (see page 96)	MSc, PgDip	1Y FT / 3Y PT	£5,500	£15,200	7
Professional Doctorate - i	ncludes Tau	ght and Research	elements		
Juris Doctor	JD	3Y FT	TBC. See website for details.	Not set	7
Research programmes					
Law	PhD, MPhil	3Y FT (PhD), 2Y FT or PT equivalent (MPhil)	TBC. See website for details	£15,100	8

1 Postgraduate taught tuition fees for 2017-18 are proposed at time of print, please refer to website for further information. Postgraduate research tuition fees will be set in early 2017, please refer to website for further information. Please see <u>gub.ac.uk/TuitionFees</u>.

<sup>2</sup> This is intended as a guide only to the general academic entry requirements for postgraduate programmes, expressed in terms of UK Honours degree classifications. Please see pages 34-35 and the online Course Finder for further information on academic and English language requirements.

\*The IELTS Academic scores listed are the minimum overall score requirements. Unless otherwise indicated (\*\*), the minimum score required in each test component is normally 5.5. See also page 35.

#### TAUGHT PROGRAMMES

#### Law (LLM)

This Master's provides ambitious graduates with a highly flexible approach to advanced legal studies, focused on the School of Law's specialisms in criminal justice, European law, public and environmental governance, human rights and international business. You'll participate in research-led seminars involving leading scholars and policy makers/advisers, giving you an entry point to the School's academic community from where you can enhance your career and deepen your sense of how law acts upon our social lives.

#### Criminal Justice (LLM)

The Criminal Justice LLM is designed for those with an academic or professional interest in law, crime and criminal justice. An exciting, stimulating and topical postgraduate programme, taught by internationallyrecognised scholars and researchers who offer students a wide range of expertise, it will enable you to understand the practical operation of criminal justice and how the state responds to criminality and victimisation.

## European Law and Governance (LLM)

The programme offers a unique approach to European Union and transnational law, and understanding of European and global integration, federalism and multilevel governance.

In the wake of the Brexit vote, EU expertise will be in high demand with government departments for years to come. Legal practice will require expertise in EU law, whether or not the UK remains affiliated to the EU, in particular areas such as commercial law and competition law.

So you'll be well placed to excel in careers advising national and regional governments in European matters.

## Human Rights and Criminal Justice (LLM)

This programme provides focuses on contemporary issues and considers provocative questions about policies and initiatives.

It centres on discrimination, armed conflicts, terrorism and migration and explores the relationships between crime, justice and society. It features talks by academics and practitioners, as well as visits to institutions dedicated to human rights issues in Belfast and further afield.

You may be a qualified legal practitioner or a student with experience in the statutory, community or voluntary sectors.



#### Human Rights Law (LLM)

This course provides you with an opportunity to gain an in-depth critical appreciation of human rights law, with its content constantly reviewed to reflect the international issues that are most prominent, especially in the contexts of discrimination, armed conflicts, terrorism and migration.

You'll have internship opportunities and enjoy field visits to human rights institutions both locally and further afield, such as the European Court of Human Rights and the United Nations in Geneva.

#### International Business Law (LLM)

This course explores law's role in the global economy and looks at the dynamics of global firms and the place that corporations play in global societies. We take a socio-legal approach which allows you to think about law as a core institution in the construction of our economy.

It addresses some of the key questions we face regarding the regulation of international business, covering areas including governance and compliance and corporate social responsibility.

#### Master's in Law (MLaw)

A fast-track, two-year, full-time postgraduate programme. You'll be interested in this course if your degree is from a discipline other than Law and you wish to obtain a Law degree for professional practice in England and Wales and Northern Ireland.

It offers the highest quality of teaching, delivered through intensive small-group weekly seminars and is recognised by the Law Society and the Bar Council. Professional Legal Studies – Barrister (PGDip) Solicitor (PGDip)

A postgraduate award which will enable you, as a legal graduate, to practice professionally as either a solicitor or barrister in Northern Ireland, designed to equip you for your first three years of practice.

#### **PROFESSIONAL DOCTORATE**

#### Juris Doctor (JD)

If your background is in a subject other than law, this programme provides you with the Qualifying Law Degree you'll need to begin practising as a lawyer.

It is a Professional Doctorate, partly taught and partly research-based, designed to provide you with a world-class legal education and preparing you for the global and international environments in which you will be providing legal advice.



#### **RESEARCH PROGRAMME**

#### Law (PhD/MPhil)

You will join the 70 PhD students in the School who make up a vibrant postgraduate community contributing to the School's scholarship and research culture. Research supervision is available in a wide range of legal areas including doctrinal law, commercial and business law, environmental law, human rights law, criminology, criminal justice and governance.

You'll be encouraged to participate actively in seminars and training programmes. The School hosts an annual research student conference and support is available to assist with conference participation elsewhere.





Find out more go.qub.ac.uk/PG-LawCourses askahss@qub.ac.uk

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#### Mathematical and Physics - Faculty of Engineering and Physical Sciences

# **MATHEMATICS AND PHYSICS**

Mathematics is the universal language of science, a discipline with applications in industry and commerce, while your options in Physics span the full scope of the subject, from nanostructured media through to the Astrophysics Research Centre.

Programme	Award	Duration (Years) FT/PT	UK and EU Fees <sup>1</sup>	INT Fee	Entry Requirement <sup>2</sup> + IELTS*				
Taught									
Applied Physics	MSc, PgDip	1yr FT	£5,500	£19,000	2.1 <b>IELTS:</b> 6.0				
Mathematics	MSc, PgDip	1yr FT	£5,500	£15,200	2.1 IELTS: 6.0				
Materials Science for Innovative Engineering	MSc, PgDip, PgCert	3Y online distance learning (1yr FT equivalent)	£5,500	£15,200 (DL) £19,000 (FT)	2.2 IELTS: 6.0				
Research									
Astrophysics	PhD, MPhil	3Y FT (PhD), 2Y FT or PT	TBC. See website for details	£18,800	2.1 IELTS: 6.0				
Atomistic Simulation	PhD, MPhil	equivalent (MPhil)	TBC. See website for details	£18,800	2.1 IELTS: 6.0				
Nanostructured Media	PhD, MPhil	3Y FT (PhD), 2Y FT (MPhil)	TBC. See website for details	£18,800	2.1 IELTS: 6.0				
Photonic Integration and Advanced Data Storage	PhD		TBC. See website for details	£18,800	2.1 <b>IELTS:</b> 6.0				
Plasma Physics	PhD, MPhil	3Y FT (PhD), 2Y FT or PT	TBC. See website for details	£18,800	2.1 IELTS: 6.0				
Pure Mathematics	PhD, MPhil	equivalent (MPhil)	TBC. See website for details	£15,100	2.1 IELTS: 6.0				
Statistical Science and Operational Research	PhD, MPhil		TBC. See website for details	£15,100	2.1 IELTS: 6.0				
Theoretical Atomic, Molecular and Optical Physics	PhD, MPhil	3Y FT (PhD), 2Y FT or PT equivalent (MPhil)	TBC. See website for details	£18,800	2.1 IELTS: 6.0				

#### TAUGHT PROGRAMMES

#### Applied Physics (MSc/PqDip)

You'll gain advanced knowledge in a range of topics in Applied Physics, including, through an extended independent investigation, research skills that will enable you to conduct research in Physics or prepare for a career as a professional physicist or similar.

The outstanding feature of this programme is the research-led teaching and project work, which is delivered by internationallyleading researchers.

#### Materials Science for Innovative Engineering (MSc/PqDip/PqCert)

Materials Science is the foundation for many recent technological advances, and continues to drive development in a wide range of fields including electronics, aerospace and biotechnology.

The programme will give you an understanding of the principal facts, theories and methods associated with materials science, and caters for those in full-time employment interested in advancing their understanding of such developments.

1 Postgraduate taught tuition fees for 2017-18 are proposed at time of print, please refer to website for further information. Postgraduate research tuition fees will be set in early 2017, please refer to website for further information. Please see <u>qub.ac.uk/TuitionFees</u>. 2 This is intended as a guide only to the general academic entry requirements for postgraduate programmes, expressed in terms of UK Honours degree classifications. Please see pages 34-35 and the online Course Finder for further information on academic and English language requirements. \*The IELTS Academic scores listed are the minimum overall score requirements. Unless otherwise indicated (\*\*), the minimum score required in each test component is normally 5.5. See also page 35.

Queen's University Belfast - Postgraduate Prospectus 2017

visitors

#### Pure Mathematics (PhD/MPhil)

This programme aims to train you in a range of topics in Pure and Applied Mathematics at an advanced level; to equip you with the necessary base, including, materials and devices. through an extended independent investigation, research skills that will enable vou to embark on a research degree in a

Your research will be targeted at two complementary themes: nanophotonics and plasmonics; and nanoscale functional

Nanostructured Media (PhD/MPhil)

You'll benefit from, and contribute to, our internationally-renowned expertise in nextgeneration data storage and informationprocessing technologies, particularly in ferroelectrics and plasmonics. Our Centre has significant financial support for research from public and private sources, especially through our partnership with Seagate Technology (Ireland), who have donated processing, characterisation and metrology equipment.

#### Photonic Integration and Advanced Data Storage (PhD/MPhil)

To continue to increase the capacity of hard disk drives to support 'cloud' computing. a new technology will be required. Your research will focus on next-generation data storage and information-processing technologies, and will fall into one of several areas: ultra-reliable semiconductor lasers operating in hostile environments: low-cost planar lightwave circuit platforms; novel nanoplasmonic devices capable of operating in extreme environments; advanced materials for magnetic recording; or atomic scale analysis techniques.

There are also several full scholarships available covering fees and funding.

#### Plasma Physics (PhD/MPhil)

Your research will involve identifying and responding to the major contemporary issues within ionised matter physics, exploiting synergy derived from a close integration of experimental, theoretical and simulation studies, with major activities in laser- and electrically-produced plasmas, ultra-fast atomic and molecular physics and the interaction of ionising radiation and plasmas with biological systems. You'll also benefit from transferring your research findings into the industrial and medical sectors.

Your research will take place under the auspices of the Pure Mathematics Research Centre, an established, worldclass research group in Functional Analysis and an emerging but very active group in Algebraic Topology. We maintain vibrant international links with a large number of researchers around the globe and regularly host international conferences and research

Our research strengths revolve around algebraic topology, and non-commutative Functional Analysis, with an emphasis on Operator Algebras, Operator Theory and Amenability.

#### Statistical Science and Operational Research (PhD/MPhil)

Your research will focus on developing statistical and operational techniques that can contribute to real-life applications. Further to our two main streams of research application in healthcare modelling and transportation systems, our projects currently extend beyond this to application fields such as resource management, gene expression modelling, student progression modelling, GIS, risk, crime and financial market abuse.

#### Theoretical Atomic, Molecular and **Optical Physics (PhD/MPhil)**

You'll contribute to a body of work with recent major developments including strong field laser interactions with atoms and molecules, guantum information processing, quantum optics, and quantum thermodynamics, antimatter interactions with atoms and molecules, electron scattering by very complex targets such as the iron peak elements, and by Rydberg atoms, quantum many-body physics, ultracold atomic systems, and simulation of their features, and foundations of quantum mechanics.

> Find out more go.gub.ac.uk/PG-Maths askeps@gub.ac.uk

Μ

Mathematics (MSc/PqDip)

mathematical subject; and to further your

prospects for a career as a mathematics-

You'll be involved in the search for distant

supernovae and where they came from.

You'll look for planets orbiting other stars

in our galaxy, and have the opportunity to

spend extensive periods at world-leading

research centres such as the ESO and the

NASA Goddard Space Flight Center.

At Queen's we lead major European

Society, and EU grants.

consortia and are supported by external

funding including major UK STFC, Royal

Atomistic Simulation (PhD/MPhil)

theoretical and computational methods

to study the structure and dynamics of

data and to predict new phenomena.

You'll study problems at the interfaces

materials science, chemistry, biology, and

You'll directly interact with laboratory-based

addressing fundamental physical questions

colleagues at Queen's and internationally,

between condensed matter physics,

and using computer simulation to

gain additional deeper understanding,

sometimes predicting phenomena yet

engineering.

unobserved.

molecules, liquids, solids and plasmas at

the atomic scale, to interpret experimental

Atomistic Simulation is the use of

You'll study the asteroid and comet

population in the solar system.

RESEARCH PROGRAMMES

Astrophysics (PhD/MPhil)

oriented professional.

# MEDICINE AND HEALTH SCIENCES

Medicine, Dentistry and Biomedical Sciences have been a major cornerstone of Queen's since our foundation, and our research and graduates have been recognised nationally and internationally.

If you choose to continue your studies at Queen's you'll benefit from an intellectually challenging environment, first-class academic resources and infrastructure and a culture of innovation. We are committed to both the development of research programmes in education, and interprofessional educational research and activity.

Programme	Award	Duration (Years) FT/PT	UK and EU Fees <sup>1</sup>	INT Fee	Entry Reqs <sup>2, *</sup> (See right)
Taught					
Bioinformatics and Computational Genomics	MSc	1Y FT	£5,500	£15,200	1
Clinical Anatomy	MSc	1Y FT (also PT)	£5,500	£19,000	2
Clinical Anatomy (Blended Learning)	PgDip, PgCert	FT (flexible learning)			
Clinical Education	PgCert, PgDip, MSc	PT PgCert: 1Y PgDip: 2Y MSc: 3Y	TBC. See website for details.	£15,200	3
Mental Health	PgDip	4 mths FT (or equivalent) placement, plus attendance at lectures (Autumn or Spring semester, one afternoon per week)	TBC. See website for details.	n/a	4
Molecular Pathology of Cancer	MSc, PgDip, PgCert	MSc, PgDip: 1Y FT/2Y PT PgCert: 5 months FT	£19,000 (MS £12,667 (PgE £6,333 (PgCe	, Dip)	1 (MSc, PgDip) 6 (PgCert)
Pathology Informatics and Business Application (Distance Learning)	PgCert	5 months DISTANCE LEARNING (DL)	TBC. See website for details.		6

#### Entry Requirements

#### Taught courses

- 1. 2.1 IELTS: 6.5\*\*
- Dental or medical degree, or 2.1. (Previous degree must include cadaveric anatomy.) IELTS: 6.5\*\*
- Dental or medical degree, plus completed Foundation 2 training (or equivalent). Applicants must be employed in health care setting or university.

PLAB examination, or GDC equivalent, or **IELTS:** 7.0\*\* (min of 7.0 in each component)

4. A primary medical degree and full or limited registration with the GMC (London or Dublin). Must be in an F2, STR or Staff Grade (or equivalent) post in Psychiatry (UK) or an SHO, SpR or Staff Grade (or equivalent) post in Psychiatry (Ireland) recognised for postgraduate training in Psychiatry.

NB: the clinical attachment in Psychiatry must overlap with the academic year and semester of the programme of seminars attended.

## IELTS: 7.0\*\*

**IELTS:** 6.0 6. 2.2

IELTS: 6.5\*\*



Programme	Award	Duration (Years) FT/PT	UK and EU Fees <sup>1</sup>	INT Fee	Entry Reqs <sup>2,</sup> * (See left)
Public Health	MPH	1Y FT	£5,500	£15,200	1
Translational Medicine	MRes	1Y FT / 2-3Y PT	£5,500	£19,000	1
Barrand					

#### Research

Experimental Medicine - Immunobiology and Microbes Experimental Medicine - Respiratory Medicine Experimental Medicine - Vision and Vascular Medicine	PhD, MPhil, MD, MCh	3Y FT	TBC. See website for details	£15,100	5
Precision Cancer Medicine	PhD, MPhil, MD, MCh	3Y FT (PhD), 2Y FT or PT equivalent (MPhil/ MD)	TBC. See website for details	£15,100	5
Public Health	PhD, MPhil, MD, MCh	3Y FT	TBC. See website for details	£15,100	5

1 Postgraduate taught tuition fees for 2017-18 are proposed at time of print, please refer to website for further information. Postgraduate research tuition fees will be set in early 2017, please refer to website for further information. Please see <a href="https://www.qub.ac.uk/TuitionFees">qub.ac.uk/TuitionFees</a>.

<sup>2</sup> This is intended as a guide only to the general academic entry requirements for postgraduate programmes, expressed in terms of UK Honours degree classifications. Please see pages 34-35 and the online Course Finder for further information on academic and English language requirements.

\*The IELTS Academic scores listed are the minimum overall score requirements. Unless otherwise indicated (\*\*), the minimum score required in each test component is normally 5.5. See also page 35.

#### **TAUGHT PROGRAMMES**

#### Bioinformatics and Computational Genomics (MSc)

The past decade has seen enormous advances in molecular and biomedical technology resulting in the 'omics' revolution. Bioinformatics and Computational Genomics is driving progress in this field and is at the heart of medical research, discovery and practice.

A fascinating and challenging set of subjects, this Master's programme will provide you with a background in computational or life sciences to move across to an area of discovery, technology and applications and build a career with highly sought after skills and knowledge.

#### Clinical Anatomy (MSc) Clinical Anatomy (Blended Learning) (PgDip/PgCert)'

This will provide you with a greater understanding of advanced human anatomy including appropriate radiological anatomy, microscopic anatomy and embryology.

The modules presented emphasise clinically and surgically relevant anatomy.

We are one of the few universities in the UK where you'll be taught through dissection of human cadaveric teaching material, in a purpose-built facility licensed by the Human Tissue Authority.





#### Clinical Education (PgCert + PgDip + MSc)

This programme is designed for Dental and Medical practitioners who want to improve their teaching skills. The programme offers you an opportunity to develop practical teaching skills and acquire the knowledge to underpin your educational practice with Master's level study. The course includes practical teaching projects and requires you to engage at a high level. Teaching sessions are delivered by Queen's staff and colleagues from the Northern Ireland Medical and Dental Training Agency (NIMDTA).

#### Mental Health (PgDip)

This Postgraduate Diploma in Mental Health is designed for doctors in training who are preparing for a career in Psychiatry, General Practice or General Medicine and is suitable for Trainee Psychiatrists preparing for College examinations.

In conjunction with a clinical post in psychiatry, this programme enables you to gain a good understanding of the major psychiatric disorders, approaches to treatment and psychopharmacology. Clinical training forms a major component of the programme, and you will have a Clinical Tutor at your base hospital.

#### Molecular Pathology of Cancer (MSc/PgDip) (Blended Learning) Molecular Pathology of Cancer (PgCert)

Molecular Pathology integrates genomics and bioinformatics with modern pathology to underpin molecular diagnostics, theranostics and clinical trials delivery within the academic, health services and industry sectors in an era of precision medicine.

You'll benefit from our research standing in this area: we have an international reputation for the application of Molecular Pathology in high quality translational research, and we have established an integrated research environment through the creation of the Northern Ireland Molecular Pathology Laboratory (NIMPL) and the Northern Ireland Biobank (NIB). Pathology Informatics and Business Application (PgCert) (Distance Learning)

This exciting, innovative distance learning programme aims to enhance your theoretical knowledge and practical skills in molecular pathology and to empower you to pursue a career in healthcare, industry or academia.

You'll be absorbed into molecular pathology, a rapidly growing discipline in 21st-century medicine. It integrates genomics and bioinformatics with modern pathology to underpin molecular diagnostics, theranostics and clinical trials delivery within the academic, health services and industry sectors in an era of precision medicine.

#### Public Health (MPH)

A Master's in Public Health (MPH) is an internationally recognised qualification that will equip you with the knowledge and skills base to pursue a career in public health or other health-related leadership roles.

Queen's University Belfast - Postgraduate Prospectus 2017

The curriculum for the MPH at Queen's is aligned very closely to the syllabus for the professional exams for the UK Faculty of Public Health. Throughout the course you will have the opportunity to network with prospective employers.

You will be based in the Northern Ireland Centre of Excellence for Public Health, which is one of five UKCRC Public Health Research Centres of Excellence within the UK.

The course focuses on global aspects of public health and emerging threats and challenges.

#### Translational Medicine (MRes)

This intensive, student-oriented Master's by Research (MRes) will equip you with research rigour and essential leadership skills. You'll apply them to knowledge generated in the biosciences to the application of new strategies that improve the delivery of 21st-century healthcare.

You'll benefit from our international reputation in this area, achieved through high-impact peer review publications, significant international research funding, novel intellectual property and the establishment of successful spin-out companies.

RESEARCH PROGRAMMES to the syllabus for the or the UK Faculty of Experimental Medicine (PhD/MPhil/

MD/MCh)

We aim to make the quality of supervision, and the support network available to you, excellent. We prioritise your development and progression above everything else.

The Centre for Experimental Medicine at Queen's incorporates a range of approaches ranging from molecular cell biology, immunology, disease phenotyping, imaging, functional genomics, unique pre-clinical models of disease, and patient-based investigation and clinical trials to deliver translational impact on respiratory disease, eye disease, and infectious diseases.

#### Precision Cancer Medicine (PhD/MPhil/MD/MCh)

The Precision Cancer Medicine programme provides you with the opportunity to develop a set of key skills that will position you to be globally competitive in academic research, in modern clinical practice and/or in the biotech/pharmaceutical sector.

The Centre for Cancer Research and Cell Biology is a Cancer Research UK (CRUK) Centre and an Experimental Cancer Medicine Centre (ECMC), underlying its international reputation. The close,

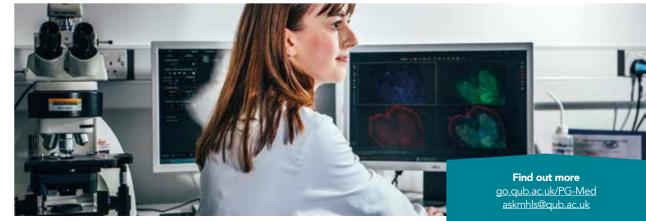


#### Public Health (PhD/MPhil/MD/MCh)

We bring together researchers embracing clinical research, epidemiology, and public health issues through a combination of person-centred, informatics, clinical trials, and laboratorybased studies.

You'll work as part of a multidisciplinary team, developing and evaluating screening, diagnostic, preventative and therapeutic interventions that maximise benefit for patients and populations. Our aim is to inspire you to be some of the very best clinical and translational researchers.





Queen's University Belfast - Postgraduate Prospectus 2017

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# **NATURALAND BUILT ENVIRONMENT**

Our world is facing global problems through declining resources and increasing populations, compounded by human-induced climate change; problems that can only be solved through an interdisciplinary approach.

Our researchers are seeking to create a better future, through innovation gained through a better understanding of our past.

D		Dentis	LUK and	INC.	Entry Days?
Programme	Award	Duration (Years) FT/PT	UK and EU Fees <sup>1</sup>	INT Fee	Entry Reqs <sup>2</sup> + IELTS* (See right)
aught					
Architecture	MArch	2Y FT	TBC. See website for details.	£19,000	1
Architecture: Professional Practice in Architecture	PgCert	1Y FT	TBC. See website for details.	TBC. See website for details.	2
Building Information Nodelling Project Nanagement	MSc, PgDip	MSc: 1Y FT / 2Y PT PgDip: 9 mths FT / 18 mths PT	£5,500	£15,200	3
Construction and Project Management	MSc, PgDip, PgCert	MSc: 1Y FT / 2yrs PT PgDip: 9 mths FT / 18 mths PT (over 2Y )	£5,500	£15,200	4
ionstruction and Project lanagement with idustrial Internship	MSc	MSc with Industrial Internship: 2Y (1Y FT study + 1Y industrial internship)			
Environmental Engineering	MSc, PgDip	1Y FT / 2-3Y PT	£5,500	£19,000	5
lanning and Development	MSc	1Y FT / 2Y PT	£5,500	£19,000	5

#### **Entry Requirements**

#### Taught courses

- 1. Applicants with a UK-awarded
- primary degree: • 2.1 (Architecture)
- RIBA/ARB approved final ear major design project:
- 0% ortfolio of best rchitectural design

#### ditional requirements apply

lease see the Course der for details.

#### olicants with a non UK-

- arded primary degree:
- .1 equivalent (Architecture) irst degree final year major
- roject: 60% ortfolio of best
- rchitectural design

#### ditional requirements apply ease see the Course der for details.

#### **TS:** 6.5\*\*

- Architecture (Queen's) or ilar qualification + cessful completion of A/ARB parts 1 and 2 **TS:** 6.5
- (MSc) (PgDip) **TS:** 6.5 (MSc) (PgDip/PgCert) **FS:** 6.5

## **FS:** 6.5



Programme	Award	Duration (Years) FT/PT	UK and EU Fees <sup>1</sup>	INT Fee	Entry Reqs <sup>2</sup> + IELTS* (See left/right)	Entry Requirements Taught courses
Planning and Regeneration	MSc	1Y FT	TBC. See website for details.	£19,000	5	6. 2.1 IELTS: 6.5
Structural Engineering Design and Management	MSc		£5,500	£19,000	5	7. 2.1 IELTS: 6.5**
Urban and Rural Design	MSc		TBC. See website for details.	£19,000	5	TAUGHT PROGRAM
Research						Architecture (MArch)
Archaeology	PhD, MPhil	3Y FT (PhD), 2Y FT or PT	TBC. See website for	£18,800	6	You'll progress to this pro after a first degree in arcl
Architecture	PhD, MPhil	equivalent (MPhil/MD)		£18,800	7	and engage with the vari architectural thinking and the contemporary world.
Civil Engineering	PhD, MPhil			£18,800	6	This programme offers ye
Geography	PhD, MPhil			£15,100	6	research-intensive, desig approach to architecture engages creatively with t
Palaeoecology	PhD, MPhil			£18,800	6	issues affecting the built You will work alongside e consultants in thematic s
Planning	PhD, MPhil			£18,800	6	Completion of the MArc

1 Postgraduate taught tuition fees for 2017-18 are proposed at time of print, please refer to website for further information. Postgraduate research tuition fees will be set in early 2017, please refer to website for further information. Please see gub.ac.uk/TuitionFees.

2 This is intended as a guide only to the general academic entry requirements for postgraduate programmes, expressed in terms of UK Honours degree classifications. Please see pages 34-35 and the online Course Finder for further information on academic and English language requirements.

\*The IELTS Academic scores listed are the minimum overall score requirements. Unless otherwise indicated (\*\*), the minimum score required in each test component is normally 5.5. See also page 35.

## **MMES**

rogramme chitecture, riety of nd practice in

you a an-led re that n the real environment. e external studio groups.

rch constitutes Part II of the RIBA/ARB criteria leading to eligibility to sit Part III, the Professional Examination and registration as an architect in the UK.

Ν

This Postgraduate Certificate will enable you to practise as a professional architect. It provides exemption from the Royal Institute of British Architects (RIBA) Final Examination Part III and is recognised by the Architects Registration Board (ARB) for the UK for the purposes of registration under the Architects Act 1997.

This programme is validated every four years by RIBA and prescribed every four years by the ARB, ensuring compliance with the professional standards of the ARB, RIBA, the European Architects Directive and the Commonwealth Association of Architects.

#### Building Information Modelling Project Management (MSc/PgDip)

This programme will develop your practical and professional skills in Building Information Modelling in the context of Project Management and your critical and analytical problem-solving skills, helping you manage projects from conception through to construction, operation and maintenance.

It gives you the skills to effectively coordinate and deliver construction projects, and is the only Building Information Modelling MSc that focuses on Project Management within the UK and Ireland.

#### **Construction and Project** Management (MSc/PgDip/PgCert) **Construction and Project Management** with Industrial Internship (MSc)

You'll learn to apply management methods to design, engineering and construction problems, and be able to be plan, monitor and control construction projects by integrating technical knowledge with leadership, commercial and managerial skills.

The degree has been accredited by the Royal Institution of Chartered Surveyors (RICS) and the Chartered Institute of Building (CIOB). It is also accredited as meeting the requirements for Further Learning for a Chartered Engineer (CEng) subject to criteria.

#### Environmental Engineering (MSc/PaDip)

This will aid your understanding of environmental engineering principles, preparing you for a career in the environmental, consultancy, regulatory, management, and engineering industry or further study.

We welcome graduates from nonengineering backgrounds such as Geography, Geology and Environmental Science who want to specialise and develop a career in a growing industry.

Our strong links with industry mean that employers not only set projects but contribute to lectures, on subjects such as renewable energy and latest regulations in contaminated land.

This degree is accredited as meeting the requirements for Further Learning for a Chartered Engineer (CEng) for candidates who have already acquired an Accredited CEng (Partial) BEng (Hons) undergraduate first degree.

#### Planning and Development (MSc)

An intensive programme to prepare graduates from a broad range of disciplines for a career in planning and development. It is overseen by professional Partnership Boards of practitioners, academics and members of the Institutes, and accredited by the Royal Town Planning Institute (RTPI) and the Royal Institution of Chartered Surveyors (RICS).

You'll develop relevant skills in ICT, problem solving, team work and aspects of urban design; you'll gain awareness of your ethical responsibilities; and you'll benefit from a strong emphasis on the practical skills and knowledge required for theoreticallyinformed practice.

#### Planning and Regeneration (MSc)

You'll get the opportunity to study the various spatial planning dimensions of regeneration at local, regional and national scales and undertake a significant amount of practice-orientated work, which focuses on developing the skills and knowledge necessary for you to work effectively in this discipline in the real world.

This MSc is accredited as a standalone programme by the Royal Institution of Chartered Surveyors (Planning and Development Pathway). It is also accredited, in some cases, by the Royal Town Planning Institute (RTPI).

#### Structural Engineering Design and Management (MSc)

This unique new degree considers how to manage structures from beginning to end, including topics such as repair and maintenance and management of ageing structures.

You'll have good numerical and analytical abilities, and are working towards gaining Chartered Engineer status.

Professional bodies, such as the Institution of Structural Engineers, will require you to hold an accredited Master's level degree such as this one, enabling you to meet industry demand for specialists in this area.

#### Urban and Rural Design (MSc)

This programme offers you the opportunity to gain specialisation on urban and rural design and planning that helps to create successful 'places' that are economically active, socially inclusive and environmentally sustainable. You'll explore the relationship between nature and the built environment in both urban and rural settings.

The MSc is accredited as a standalone programme by the Royal Institution of Chartered Surveyors (RICS). It is also accredited by the Royal Town Planning Institute (RTPI), in some circumstances.

Queen's University Belfast - Postgraduate Prospectus 2017

#### **RESEARCH PROGRAMMES**

#### Archaeology (PhD/MPhil)

You'll join a research community that explores the material manifestations of culture through time and space, focusing particularly on the development of agriculture, domestic and ritual space. populations and palaeodiet from Ireland to Eurasia, religion, society and material culture in the Mediterranean, medieval and postmedieval Ireland, connections with the New World, and social and bio-archaeological approaches to death.

#### Architecture (PhD/MPhil)

You'll conduct research that addresses the issues of architectural and urban design in an increasingly globalised world, focusing on an area of research strength such as materiality (developing new technologies), urbanism (sustainability and heritage), sustainability (developing urban resilience by adaptation), heritage (documenting Ireland's architectural past), and cultural context (gaining a realtime understanding of motion in the city).

We value both traditional and practicebased research, particularly researchby-design, which we use to make new knowledge through not only the analysis of the existing, but also the documentation of new processes and situations created by new design thinking.

#### Civil Engineering (PhD/MPhil)

Your research will advance knowledge in the civil engineering field, building on existing and developing new international collaborations.

Your work will help to address the challenges of energy, carbon, clean water, and infrastructure – exploring extremes and defining new limits. Our key research areas include marine renewable energy, groundwater and environmental systems, geotechnics, intelligent infrastructure and high performance structures, energy efficient materials and construction and project management.

#### Geography (PhD/MPhil)

themes, both historical and contemporary, which consider the relationships between human society, spatiality and culture. Themes include the Geographies of Knowledge, Landscapes, Critical Cartography and Geographical Information Systems, Political Geography, and The Population Dynamics of Contemporary Societies.

Your research will focus on a number of

Your work may focus on the UK, Ireland, Korea, Italy, Israel/Palestine, the Balkans, USA, Canada, Burma, and India.

#### Palaeoecology (PhD/MPhil)

You'll join a vibrant palaeoecology research group studying past environment and climate change, using a variety of records from around the world.

Our research focuses on how Earth's environments have changed, or are changing, over a range of timescales, and covers carbon dynamics and climate change, geoforensics, geographical information studies and geostatistics, glacial and periglacial landscapes, human-environment interactions, climate and environmental change, scientific dating and chronological techniques, and stone weathering in natural and urban environments.

#### Planning (PhD/MPhil)

You'll join a strong postgraduate group whose research strengths centre on two objective areas: interpreting the spatial planning implications of ethnic territoriality and community cohesion, connecting our analysis of contested places within the UK with international scholarship; and developing critical insights into the sustainable creation of place and the role of participatory governance in regulating the shaping of social and environmental space.







Find out more go.qub.ac.uk/PG-NBE askeps@gub.ac.uk

Nursing and Midwifery at Queen's has a long history of developing clinical

that informs healthcare policy, underpins nursing and midwifery education

and practice, and makes real improvements for patients and their families.

areas: Maternal and Child Health and Supportive and Palliative Care.

MSc

MSc

PG

Cert

MSc

PaDip

PaDip

PhD.

You would join a group of people who conduct internationally excellent research

Our research is remarkably interdisciplinary and focuses on two key healthcare

Award Duration

(Years)

FT/PT

1Y PT

1Y FT

1Y FT / 3Y PT £5.500

1Y FT / 3Y PT £5.500

1Y FT / 2Y PT £5.500

1Y FT / 2Y PT £5,500

INT Fee

£15.200 1

£15.200 2

£15,200 3

£15,200 4

N/A

N/A

£15.100 6

5

5

Entry Regs<sup>2</sup>

+ IELTS\*

(See right)

UK and

EU Fees<sup>1</sup>

£5.500

£5.500

TBC. See

details

website for

skills and competencies among graduates from across the world.

NURSING

Programme

Nursing and Midwifery:

Advanced Professional

Nursing and Midwifery:

and Young People with

Complex Health Needs

Nursing and Midwifery:

Nursing: Advanced

Nursing: Cognitive

Non-Medical Prescribing

Professional and Clinical

Behavioural Psychotherapy

Nursing: Specialist Practice

Nursing and Midwifery:

Nursing and Midwifery:

Maternal and Child Health

and Palliative Care

Cancer Nursing, Supportive MPhil

Caring for Children

Taught

Practice

Practice

in Nursing

Research

#### Nursing – Faculty of Medicine, Health and Life Sciences

Nursing: Advanced Professional and

This MSc offers a taught programme of

study that sets out to nurture emerging and

innovative professional practitioners. It is

delivered through five specialist pathways

expertise within the School of Nursing and

leadership and management: maternal and

Midwifery: acute and critical care; cancer

nursing: supportive and palliative care;

child health; and mental health and the

The programme is offered on a full-time

basis and combines face-to-face teaching

with online delivery. You will also have the

opportunity to undertake a placement to

further understand how theory is applied

Nursing: Cognitive Behavioural

Cognitive Behaviour Psychotherapy

(CBP) is currently the key recommended

psychological treatment for anxiety and

depression, among the most common

If you wish to attain the necessary

mental health disorders experienced by

knowledge, skills and attitudes to deliver

CBP competently, this course is written to

the requirements of the lead organisation in

Nursing: Specialist Practice in Nursing

This specialist practice programme will appeal to you if you already work as a nurse

care, as defined by the Nursing and

and wish to move into providing specialist

You'll undergo more advanced professional

capability as a leader, innovator and clinical

supervisor. The programme comprises six

modules - three core modules and three

specialist specific modules - and with a

and academic study and develop your

within the clinical setting.

Psychotherapy (PqDip)

which correspond with the key areas of

Clinical Practice (MSc)

older adult.

all ages.

the UK.

(PqDip)

Midwifery Council.

clinical component.

### **RESEARCH PROGRAMMES**

N

#### Nursing and Midwifery: Cancer Nursing, Supportive and Palliative Care (PhD/MPhil)

The aim of this research programme is to illuminate the experiences of cancer survivors and patients requiring palliative care, their informal carers and their professional carers, with a view to improving the experience of both survivorship and palliation.

You'll work with these insights to provide a sound evidence base for care and to help develop a research continuum, from bench to bedside, through the development of a co-ordinated research project.

#### Nursing and Midwifery: Maternal and Child Health (PhD/MPhil)

You'll contribute to the Maternal and Child Health research group's wide expertise in studying high risk groups in pregnancy, childbirth, infancy and childhood. You'll work to identify and reduce preventable burdens and complexity in women and their families in the perinatal period and in children with long-term health conditions or disabilities, recognising that health and wellbeing in the perinatal period and early years of childhood is important for adult health and wellbeing across generations.



Find out more go.qub.ac.uk/PG-Nursing askmhls@qub.ac.uk

#### **Entry Requirements**

#### Taught courses

1. 2.2 (Nursing) or 2.2 + professional qualification in Nursing, Midwifery or allied health and social care services IELTS: 6.5

2. 2.2 IELTS: 6.5

3. 2.2

NB: available for registered Nurses working within the UK only

- 4. 2.2 + professional gualification in Nursing, Midwiferv or allied health and social care services IELTS: 6.5
- 5. 2.2 Additional requirements

NB: available for registered only.

6. 2.1

apply - please see the Course Finder for details

# Nurses working within the UK

## IELTS: 6.5

1 Postgraduate taught tuition fees for 2017-18 are proposed at time of print, please refer to website for further information. Postgraduate research tuition fees will be set in early 2017, please refer to website for further information. Please see gub.ac.uk/TuitionFees. 2 This is intended as a guide only to the general academic entry requirements for postgraduate programmes, expressed in

3Y FT (PhD),

2Y FT or PT

equivalent

(MPhil)

terms of UK Honours degree classifications. Please see pages 34-35 and the online Course Finder for further information on academic and English language requirements.

\*The IELTS Academic scores listed are the minimum overall score requirements. Unless otherwise indicated (\*\*), the minimum score required in each test component is normally 5.5. See also page 35.



**TAUGHT PROGRAMMES** 

Professional Practice (MSc)

Nursing and Midwifery.

Nursing and Midwifery: Advanced

This MSc offers a taught programme of study

that sets out to nurture emerging and innovative

professional practitioners. It is delivered through

five specialist pathways which correspond with

the key areas of expertise within the School of

The programme is offered on a full-time

with online delivery. If you take the

Practicum by the agreement with the

Nursing and Midwifery: Caring for

Advances in medical care and technology

now mean many more children are living

with complex healthcare needs and life-

is to provide you with the knowledge,

skills, training and education to work in

complex health needs in a hospital and

community setting. This programme will

be of value to those working with and for

children, including healthcare professionals,

allied-health professionals, as well as public

officials, NGOs, social workers and support

Nursing and Midwifery: Non-Medical

This programme aims to prepare safe and

prescribe within a legal and ethical context.

You'll benefit from high-quality teaching

that is informed by current research and

scholarship. You will be mentored by a

designated medical practitioner for the

duration of the programme.

effective practitioners who are competent to

providers.

Prescribing (PgCert)

caring for children and young people with

limiting illnesses. The aim of the programme

Children and Young People with

Complex Health Needs (MSc)

Programme Co-ordinator.

basis and combines face-to-face teaching

programme on a full-time basis, you may

be eligible to do so incorporating a Clinical

nationally and internationally.



#### **RESEARCH PROGRAMME**

#### Pharmacy (PhD/MPhil)

We focus our research on key areas of the pharmaceutical sciences, and clinical and primary care aspects of pharmacy.

Our research spans a wide range of scientific and professional disciplines. You will be supervised by world-leading researchers working on projects with the potential to positively impact on science and healthcare. We are passionate about what we do, and aim to inspire you with the same drive, instilling the aspirations to make a difference in the world.

> Find out more go.qub.ac.uk/PG-Pharmacy askmhls@gub.ac.uk

PHARMACY The School of Pharmacy at Queen's University Belfast is continually ranked as the top Pharmacy School in the UK and is recognised as a leading centre for pharmacy education and research,

You will have access to world-class research facilities and supervision by research active academics. You'll also benefit from a vibrant, inclusive and entrepreneurial culture. We have a long history of putting our research into practice through commercialisation, and implementing research-based health initiatives.

Programme	Award	Duration (Years) FT/PT	UK and EU Fees <sup>1</sup>	INT Fee	Entry Requirement <sup>2</sup> + IELTS*
Taught					
Advanced Clinical Pharmacy Practice	MSc, PgDip, PgCert	PT MSc: 3Y PgDip: 2Y PgCert: 1Y	£33.50 per credit £6,030 (MSc) £4,020 (PgDip) £2,010 (PgCert)	£56.50 per credit £10,170 (MSc) £6,780 (PgDip) £3,390 (PgCert)	Primary degree in Pharmacy Additional requirements apply – please see the online Course Finder for details. IELTS: 6.0
Advanced Pharmacy Practice	MSc, PgDip	PT MSc: 30 mths PgDip: 15 mths	£33.50 per credit £6,030 (MSc) £4,020 (PgDip) £2,010 (PgCert)	£56.50 per credit £10,170 (MSc) £6,780 (PgDip) £3,390 (PgCert)	Primary degree in Pharmacy. Additional requirements apply – please see the online Course Finder for details. Open to NI-resident applicants only.
Pharmaceutical Analysis (see page 60)	MSc	1Y FT / 2Y PT	£5,500	£19,000	2.2 IELTS: 6.0
Prescribing for Pharmacists	PgCert	9 months PT	£250	n/a	Primary degree in Pharmacy. Additional requirements apply – please see the online Course Finder for details. <b>IELTS:</b> 6.0 Open to NI-resident applicants only. Start date: April 2017



#### TAUGHT PROGRAMMES

#### Advanced Clinical Pharmacy Practice (MSc/PqDip/PqCert)

This programme is completed by distance learning. Your core modules will include medicines optimisation, interpersonal skills, research methods and data analysis. You will also be able to select from a range of optional modules that are relevant to your current work or that will help you to achieve your employment aspirations.

If you are based in the UK you may undertake Independent Prescriber training as an option in the first year, which includes a one-week residential in Belfast.

of advanced pharmacy practice in your chosen field of expertise. If you are an MSc student you will receive training in research methods and will be required to undertake a service evaluation/development project. This programme is designed for hospital-based

pharmacists in Northern Ireland who wish to progress to Advanced Practitioner level (AfC Band 8a), enhancing the opportunities for you to progress their career to Advanced Practitioner level.

The course aims to support the development

Duration

3Y FT (PhD),

2Y FT or PT

equivalent

(MPhil)

score required in each test component is normally 5.5. See also page 35.

(Years)

FT/PT

Award

PhD.

academic and English language requirements.

**Advanced Pharmacy Practice** 

MPhil

Programme

Research

Pharmacv

gub.ac.uk/TuitionFees.

(MSc/PqDip)

UK and

EU Fees<sup>1</sup>

TBC. See

details

Postoraduate research tuition fees will be set in early 2017, please refer to website for further information, Please see

website for

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terms of UK Honours degree classifications. Please see pages 34-35 and the online Course Finder for further information on

\*The IELTS Academic scores listed are the minimum overall score requirements. Unless otherwise indicated (\*\*), the minimum

#### Prescribing for Pharmacists (PgCert)

INT Fee Entry Requirement<sup>2</sup>

+ IELTS\*

IELTS: 6.0

£18.800 2.1

You will undertake this course as a pharmacist in Northern Ireland who wishes to register as a Supplementary and Independent Prescriber with the Pharmaceutical Society of Northern Ireland and the General Pharmaceutical Council (GPhC). This Postgraduate Certificate will provide you with postgraduate training in non-medical prescribing and is accredited by the Pharmaceutical Society of Northern Ireland and the General Pharmaceutical Council (GPhC).

# **POLITICS AND INTERNATIONAL STUDIES**

Join one of the largest politics departments on the island of Ireland, where our research and education seek to answer questions we encounter as citizens and as human beings. Our expertise covers areas crucial in 21st-century debate: global borders; terrorism; security studies; international relations; European politics and legislative practice. You'll study in Belfast, a living laboratory for the study of conflict transformation and issues of social justice.

Programme	Award	Duration (Years) FT/PT	UK and EU Fees <sup>1</sup>	INT Fee	Entry Requirement <sup>2</sup> + IELTS*
Taught					
Arts and Humanities (see page 52)	MRes	1Y FT / 2Y PT	£5,500	£15,200	2.1 + 750-word research proposal <b>IELTS:</b> 6.5
Conflict Transformation and Social Justice	MA	1Y FT / 2Y PT	£5,500	£15,200	2.1 IELTS: 6.5
Global Security and Borders	MA, PgDip	1Y FT / 2Y PT	£5,500	£15,200	MA: 2.1 PgDip: 2.2 (57%) IELTS: 6.5
International Relations	MA, PgDip	1Y FT / 2Y PT	£5,500	£15,200	MA: 2.1 PgDip: 2.2 (57%) IELTS: 6.5
Legislative Studies and Practice	MA	1Y FT	£5,500	£15,200	2.1 (65%) IELTS: 6.5
Politics	MA, PgDip	1Y FT / 2Y PT	£5,500	£15,200	MA: 2.1 PgDip: 2.2 (57%) <b>IELTS:</b> 6.5
Violence, Terrorism and Security	MA, PgDip	1Y FT / 2Y PT	£5,500	£15,200	MA: 2.1 PgDip: 2.2 (57%) IELTS: 6.5
Research					
Politics, International Studies and Philosophy	PhD/ MPhil	3Y FT (PhD), 2Y FT or PT equivalent	TBC. See website for details	£15,100	2.1 IELTS: 6.5

1 Postgraduate taught tuition fees for 2017-18 are proposed at time of print, please refer to website for further information. Postgraduate research tuition fees will be set in early 2017, please refer to website for further information. Please see gub.ac.uk/TuitionFees.

(MPhil)

<sup>2</sup> This is intended as a guide only to the general academic entry requirements for postgraduate programmes, expressed in terms of UK Honours degree classifications. Please see pages 34-35 and the online Course Finder for further information on academic and English language requirements.

\*The IELTS Academic scores listed are the minimum overall score requirements. Unless otherwise indicated (\*\*), the minimum score required in each test component is normally 5.5. See also page 35.



### TAUGHT PROGRAMMES

Conflict Transformation and Social Justice (MA)

This is a unique interdisciplinary programme, encompassing elements of law, anthropology, English, history, philosophy, politics, psychology, sociology and the creative arts.

The module choice within the programme will permit you to build your own personalised portfolio of learning within the area of conflict transformation and social justice. You will be taught by academics and practitioners whose expertise is both national and global and who offer research-led teaching in areas of conflict such as south/ south-east Asia, the Middle East. Southern Europe, South America and Northern Ireland.

#### **Global Security and Borders** (MA/PgDip)

A unique course, not offered anywhere else in the UK or Ireland, through which you'll critically examine how pressing security issues are increasingly being felt at border sites around the world.

You'll explore how issues such as migration, security, human rights and sovereignty converge at key border sites, while engaging with these issues first hand on an internship. Students will spend 10 weeks working in border sites (eg airports, ports) and with experts on borders and security, including those in relevant security services, charities, customs and immigration, and volunteer organisations.

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#### International Relations (MA/PgDip)

This MA aims enable you to examine, explain and understand what affects our world, from security and terrorism, migration and mobility, to global financial crises.

The programme offers a balance between providing core content in the field of International Relations, while allowing you to actively choose your area of specialism.

You will be actively engaged in designing the core module on the programme. agreeing the international issues of greatest importance on which you want to focus.

#### Legislative Studies and Practice (MA)

A genuinely unique opportunity to learn about politics by doing politics. If you are looking to enhance your skills for a career in politics and government, or understand the legislative process, this is the course for you.

political contexts - regional, national and European – in which the Northern Ireland Assembly operates through work-based learning in Stormont itself, developing your analytical, communication, employability and research skills.

You'll get to know the historical and

#### Politics (MA/PqDip)

Politics is about conflict, debate and the contest of ideas, making Belfast, where such things are part of everyday reality, an ideal place to study the subject.

This course offers you a chance to engage the breadth of the discipline as well as focus in on the issues that most concern you.

It will particularly interest you if you wish to know more about Irish politics (North and South), European politics, political conflict, and political theory.

#### Violence, Terrorism and Security (MA/PqDip)

This timely programme provides dynamic and critical study into a perpetual problem.

It will help you develop a critical and analytical approach to problems in history and the contemporary world of these three areas. It challenges accepted wisdom and opens up the debate about the role of violence in relation to political power, all taught in a post-conflict society.

Ρ

Your colleagues will be drawn from the security, law enforcement or defence backgrounds, and you'll learn from the expert advice of policy-makers and governments.

#### **RESEARCH PROGRAMME**

Politics. International Studies and Philosophy (PhD/MPhil)

You'll become part of our vibrant postgraduate research culture, focused on areas including contemporary Irish political history, governance and public policy, security, terrorism and international relations, and philosophy and political theory.

You'll see our thriving research culture yourself, through visits and talks, conferences and workshops, reading groups and the staff seminar series.





Find out more go.qub.ac.uk/PG-Politics askahss@gub.ac.uk

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Although psychology has been an essential part of academic life here at Queen's for over 65 years, we are forward thinking, proactively responding to the challenges currently facing our society, the economy and the education sector.

We have a strong track record in carrying out impactful research which makes a difference to people's lives all over the world.

Programme	Award	Duration (Years) FT/PT	UK and EU Fees <sup>1</sup>	INT Fee	Entry Requirement <sup>2</sup> + IELTS*
Taught					
Applied Psychology (Clinical Specialism)	MSc, PgDip	PT MSc: 2Y PgDip: 1Y	£5,500	£19,000	2.1 Additional requirements apply – please see the online Course Finder for details. IELTS: 6.5
Atypical Child Development	MSc, PgDip	1Y FT / 2Y PT	£5,500	£19,000	2.1 IELTS: 6.5
Political Psychology	MSc, PgDip	1Y FT / 2Y PT	£5,500	£19,000	2.1 IELTS: 6.5
Psychological Science (Conversion)	MSc, PgDip	1Y FT / 2Y PT	£5,500	£15,200	2.2 IELTS: 7.0
Psychology of Childhood Adversity	MSc, PgDip,	1Y FT / 2Y PT	£5,500	£15,200	2.1 IELTS: 6.5

#### Professional Doctorates - include Taught and Research elements

Psychology: Clinical Psychology	DClin Psych	3Y FT	£5,500	£19,000	2.1 Additional requirements apply – please see the online
Psychology: Educational, Child and Adolescent Psychology	DECAP	3Y FT	£5,500	£19,000	Course Finder for details. IELTS: 7.0** NB: application deadline is (normally) early February – see School website for details.
Posoarch					

#### Research

-)	MPhil	3Y FT (PhD), 2Y FT or PT equivalent (MPhil)	TBC. See website for details	£18,800	2.1 IELTS: 7.0**
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#### **TAUGHT PROGRAMMES**

## Applied Psychology (Clinical Specialism) (MSc/PgDip)

This programme provides you with practical skills and understanding of mental health difficulties in a variety of clinical populations.

You'll receive high-quality training in both the theoretical models of common mental health presentations and practical therapy skills that can be applied to multiple groups.

Students before you have forged successful careers in clinical psychology and the health service as a result of the therapeutic skills and research knowledge acquired on the course.

#### Atypical Child Development (MSc/PgDip)

You'll undertake advanced study of developmental psychology, with a specific focus on patterns of atypical development and childhood development disorders such as autism, dyslexia, ADHD and genetic disorders.

We have a longstanding reputation for research and practice in developmental psychology, and excellent research facilities, including an in-house Child Development Lab, a mobile testing unit, an EEG testing lab and an eye tracking lab.

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Psychology of Childhood Adversity

developmental psychology, with a specific

focus on factors such as growing up in the

explore psychological, educational and

You'll also address the impact of war and

**PROFESSIONAL DOCTORATES** 

Clinical Psychology (DClinPsych)

conflict, sexual violence and exploitation and

the challenges faced by children who live in

This is a Professional Doctorate that aims to

prepare you for professional employment as a

clinical psychologist in the personal health and

You'll be eligible for Chartered Psychologist

Psychological Society and approved by the

with Clinical Status accreditation, and the

programme is accredited by the British

Health & Care Professions Council.

social services, and for research and teaching in

behavioural outcomes of adversity.

and work on the streets.

clinical psychology.

context of parental mental disorders, economic deprivation and community conflict. You'll

You'll undertake advanced study in

(MSc/PqDip)

#### Political Psychology (MSc)

This programme aims to provide you with a critical understanding of political psychology from different ideological and disciplinary perspectives and give you an advanced understanding of relevant current debates.

You'll use political psychological theories to formulate research questions relevant to current political phenomena. You'll gain skills to apply political psychological theories and empirical findings in a number of different employment settings.

You'll also study in Belfast, a post-conflict society, providing you with opportunities to apply your learning to real life.

#### Psychological Science (Conversion) (MSc)

This programme will enable those of you with a non-accredited undergraduate degree in Psychology to obtain gain eligibility for the Graduate Basis for Chartered Membership (GBC) of the British Psychological Society, and will provide an excellent opportunity for those with a non-psychology degree to obtain an accredited degree in Psychology and continue with further training or research in this area.

#### Educational, Child and Adolescent Psychology (DECAP)

This Professional Doctorate is approved by the Health and Care Professions Council and accredited by the British Psychological Society to train Educational Psychologists.

Ρ

You'll retain close links with your tutors and be able to attend university throughout all three years of the programme.

The programme includes foundation training in Cognitive Behaviour Therapy, Dynamic Assessment, Family Systemic Therapy, Incredible Years Parenting Programme and Video Interaction Guidance.

#### **RESEARCH PROGRAMME**

#### Psychology (PhD/MPhil)

You'll enjoy the high level of spontaneous peer-support, initiative, and engagement that exists among our diverse community of psychological doctoral researchers.

Your research may cover topics such as Development, Social, Cognitive and Biological Psychology. You may wish to continue within academia to take up postdoctoral research positions, fellowships or lectureships in psychology, move into clinical or educational psychology training, or take up a research position in the private or public sectors.

1 Postgraduate taught tuition fees for 2017-18 are proposed at time of print, please refer to website for further information. Postgraduate research tuition fees will be set in early 2017, please refer to website for further information. Please see <a href="https://gubac.uk/TuitionFees">qubac.uk/TuitionFees</a>.

<sup>2</sup> This is intended as a guide only to the general academic entry requirements for postgraduate programmes, expressed in terms of UK Honours degree classifications. Please see pages 34-35 and the online Course Finder for further information on academic and English language requirements.

\*The IELTS Academic scores listed are the minimum overall score requirements. Unless otherwise indicated (\*\*), the minimum score required in each test component is normally 5.5. See also page 35.

Find out more go.qub.ac.uk/PG-Psychology askeps@qub.ac.uk

# SOCIAL WORK AND SOCIOLOGY

S

We work to train the next generation of social workers and social scientists in the areas of sociology, criminology and social policy, with research focused on addressing social issues and providing best evidence and advice to policy makers and practitioners. Our strong local partnerships and an international influence make the School a dynamic place to study, and Sociology, Social Work and Social Policy at Queen's were all ranked in the UK top 20 for research intensity in REF2014.

						1.
Programme	Award	Duration (Years) FT/PT	UK and EU Fees <sup>1</sup>	INT Fee	Entry Reqs <sup>2, *</sup> (See right)	
Taught						2.
Arts and Humanities (see page 52)	MRes	1Y FT / 2Y PT	£5,500	£15,200	1	
Cognitive Behavioural Practice	PgCert	1Y PT	TBC. See website for details.	No international fee set	2	3.
Cognitive Behavioural Therapy	PgDip	18 mths PT		No international fee set	3	
Cognitive Behavioural Therapy (Trauma)	MSc	1Y FT / 2Y PT		No international fee set (1Y) £15,200 (2Y)	3	4.
Social Research	MRes, PgDip	1Y FT / 2Y PT	£5,500	£15,200	4	5.
Social Work (Post- Qualifying Studies): Applied Social Studies - Child Care - Combined - Strategy and Leadership - Systemic Practice - Dual Diagnosis	MSc, PgDip, PgCert	PT MSc: 3Y PgDip: 2Y PgCert: 1Y	£5,500	No international fee set	5	6.
- Mental Health	MSc	2Y PT	TBC. See website for details.	No international fee set	5	
- Systemic Psychotherapy	MSc	2Y PT	TBC. See website for details.	No international fee set	5	0
Youth Justice	MSc, PgDip	1Y FT / 3Y PT	£5,500	£15,200	6	8.

#### Entry Requirements

#### Taught courses

- 1. 2.1 + 750-word research proposal IELTS: 6.5
- 2.2 Additional requirements apply – please see the online Course Finder for details. **IELTS:** 6.5
- 2.2 (57%) Additional requirements apply – please see the online Course Finder for details. IELTS: 6.5 2.2 IELTS: 6.5 2.2 Additional requirements apply – please see the online Course Finder for details. IELTS: 6.5

5. 2.1 IELTS: 6.5

#### 7. 2.1 + Master's + experience.

Additional requirements apply – please see the online Course Finder for details. **IELTS:** 6.5 2.1 + Master's



Programme	Award	Duration (Years) FT/PT	UK and EU Fees <sup>1</sup>	INT Fee	Entry Reqs <sup>2, *</sup> (See left)
Professional Doctorate - i	ncludes Taug	ht and Resea	rch elements		
Childhood Studies	DChild	4-8Y PT	£5,500	£15,200	7
Research					
Sociology, Social Policy and Social Work	PhD, MPhil	3Y FT (PhD), 2Y FT or PT equivalent (MPhil)	TBC. See website for details	£15,100	8

1 Postgraduate taught tuition fees for 2017-18 are proposed at time of print, please refer to website for further information. Postgraduate research tuition fees will be set in early 2017, please refer to website for further information. Please see <u>gub.ac.uk/TuitionFees</u>.

<sup>2</sup> This is intended as a guide only to the general academic entry requirements for postgraduate programmes, expressed in terms of UK Honours degree classifications. Please see pages 34-35 and the online Course Finder for further information on academic and English language requirements.

\*The IELTS Academic scores listed are the minimum overall score requirements. Unless otherwise indicated (\*\*), the minimum score required in each test component is normally 5.5. See also page 35.

#### TAUGHT PROGRAMMES

#### Cognitive Behavioural Practice (PgCert)

This multidisciplinary course will equip you with a better understanding of common mental health problems and the basic Cognitive Behavioural Therapy concepts, methods and skills to guide your clients towards recovery at Step 1-2 of the Mental Health Stepped Care Model, and is ideal if you are currently working in a mental health, primary care or social care setting.

#### Cognitive Behavioural Therapy (PgDip)

This course will provide you with the theoretical and skills training to meet the minimum training required by the British Association for Behavioural & Cognitive Psychotherapies (to Level 2) to practise as a fully accredited cognitive behavioural therapist.

On completion of this course, you may wish to proceed to the specialist MSc which is offered over a further six-month period.

#### Cognitive Behavioural Therapy (Trauma) (MSc)

This degree provides both clinical and research skills training to promote evidence-based practice in mental health care, and adds to the core of the PgDip.

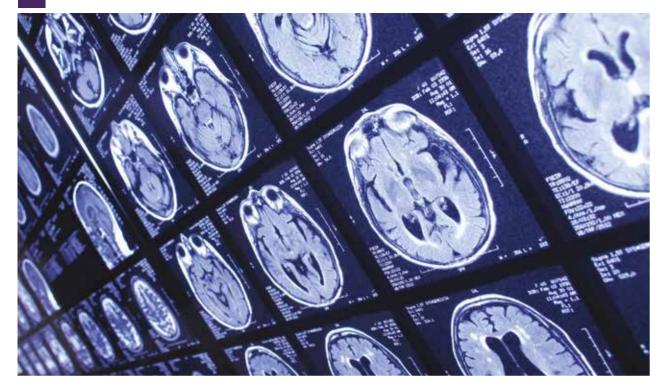
You will learn from a team of internationally recognised trauma researchers and clinicians and benefit from one of the few specialist MScs in Cognitive Behavioural Therapy for Trauma and related disorders available in these islands and across Europe.

#### Social Research (MRes/PgDip)

This programme provides practical, career-orientated training in research design, data collection and data analysis skills relating to both qualitative and quantitative modes of inquiry. You'll have the opportunity to specialise in particular methodologies and to learn more about their application to illuminate important issues and debates in contemporary society.

The programme is designed to develop your critical understanding of contemporary issues as well as boost your employment-orientated research skills and the ability to work independently.

IELTS: 6.5



#### Social Work (Post-Qualifying Studies): Applied Social Studies (MSc/PgDip/PgCert)

You'll already be working in the care professions (social work, psychology, education, nursing, teaching, medicine) and wish to study in one or more of a range of areas including direct practice in child care, management and leadership within organisations, family therapy and adult mental health.

You can study flexibly by working around your professional duties. These programmes have been accredited by the Northern Ireland Post-Qualifying Education and Training Partnership and the Association of Family Therapy (for the Family Therapy pathways)..

#### Youth Justice (MSc/PgDip)

This course may appeal to you if you are already a practitioner or policy maker in this area, or if you are interested in further academic study. You may want to advance your understanding of youth issues, youth offending, the discourse of children's rights, and the response of the social and criminal justice systems to young people. You will develop critical analytical skills and enhance your ability to assess policy and practice against international standards and benchmarks.

### **PROFESSIONAL DOCTORATE**

#### Childhood Studies (DChild)

This research degree places a strong emphasis on the links between social justice, rights, lived experiences and outcomes. It will appeal to you as an experienced professional, who works with children, to build your professional expertise by developing skills in research, evaluation and evidence-informed practice.

This unique programme touches upon themes of sociology, law, social work, psychology and education.

### **RESEARCH PROGRAMME**

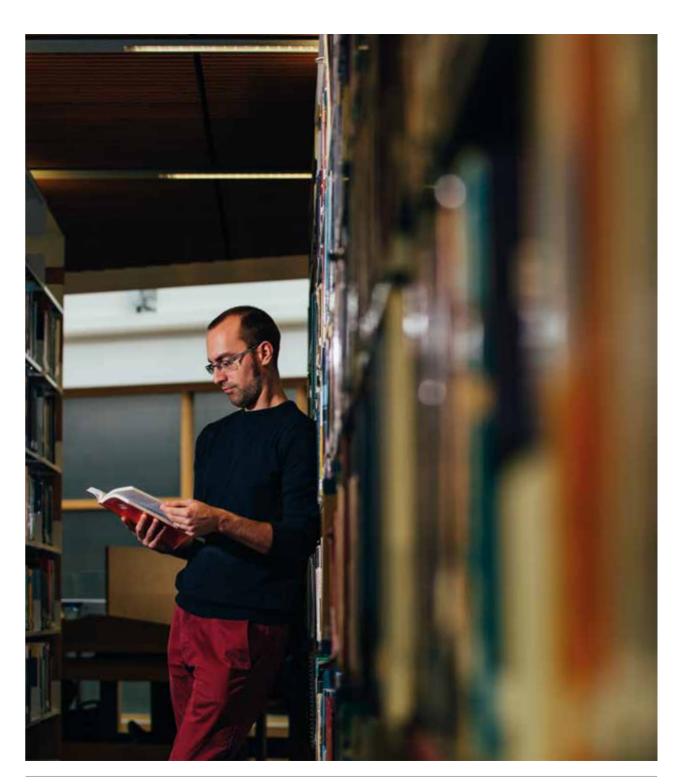
Sociology, Social Policy and Social Work (PhD/MPhil)

You'll be a social scientist committed to ways of working, through multidisciplinary research, that build knowledge and capacities in the communities around us and have a positive impact on human wellbeing.

You'll care about young people and families, conflict and social change, social inequality, disability, ageing and health, criminal justice, drugs and alcohol, trauma, violence and abuse and the effect these have on society.

> Find out more go.qub.ac.uk/PG-Social askahss@qub.ac.uk

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S



#### **FACULTY OFFICES**

Art, Humanities and Social Sciences X1 Engineering and Physical Sciences X2 Medicine, Health and Life Sciences X3

### **SCHOOL OFFICES**

Arts, English and Languages	F
Biological Sciences	E
Chemistry and Chemical Engineering	N
Electronics, Electrical Engineering	
Computer Sciences	N
History, Anthropology, Philosophy and Politics	J
aw	Н
Mathematics and Physics	ü
*	5
Mechanical and Aerospace	
Engineering	R
Medicine, Dentistry and Biomedical Sciences	в
Natural and Built Environment	C
Nursing and Midwifery	С
Pharmacy	D
Psychology	Ρ
Queen's Management School	S
Social Sciences, Education	
and Social Work	K

## **GLOBAL RESEARCH INSTITUTES**

- The Senator George J Mitchell Institute for Global Peace, Security and Justice The William J Clinton Leadership Institute
- The Institute for Global Food Security U



### LOCATION

Academic and Student Affairs Administration Building Ashby Building Canada Room/Council Chamber Careers, Employability and Skills Centre for Cancer Research and Cell Biology (CCRCB) Chrono Centre Clinical Research Facility Computer Science Counselling Service David Bates Building David Keir Building Development and Alumni Relations Disability Services Drama and Film Centre at Queen's Dunluce Health Centre Elms Village Elmwood Building Elmwood Hall Estates Finance Graduate School Great Hall Harty Room Health Sciences Building Human Resources Information Services

14 Research and Enterprise 10 Riddel Hall 20 35 South Dining Hall 18 Student Guidance Centre 15 Student Plus 2 Students' Union The McClay Library Λ University Health Centre Vice-Chancellor's Office 5 Welcome Centre 25 Whitla Hall 3 Whitla Medical Building 11 Wellcome-Wolfson Institute for

International Office

INTO Queen's

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Experimental Medicine 33



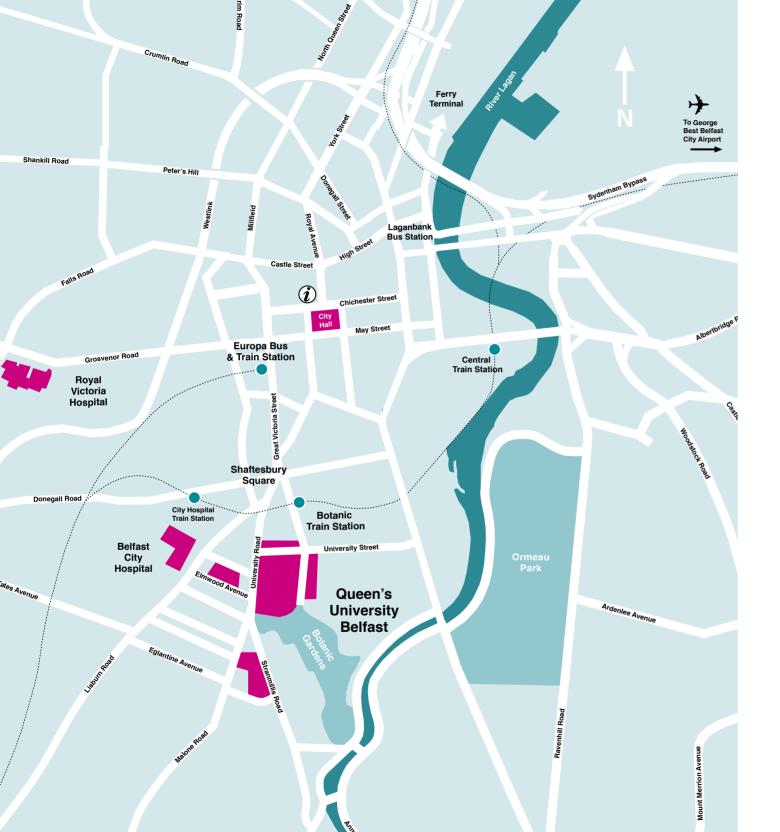
Institute of Professional Legal

Studies (IPLS)

1

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# **GETTING HERE**

## **BY PLANE**

Belfast is serviced by two airports, George Best Belfast City Airport, and Belfast International. Most flights from Belfast to the rest of the UK take less than an hour, and if you book early in advance they are reasonably priced.

### **BY BOAT**

The two main Belfast routes are from Liverpool and Cairnryan, both provided by Stena Line. An alternative route runs from Holyhead to Dublin, with excellent motorway connections between there and Belfast.

Glasgow

THERM

Galway Dublin

Cork

### **BY BUS AND TRAIN**

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

## **BY CAR**

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

Our address is: Queen's University Belfast University Road Belfast BT7 1NN

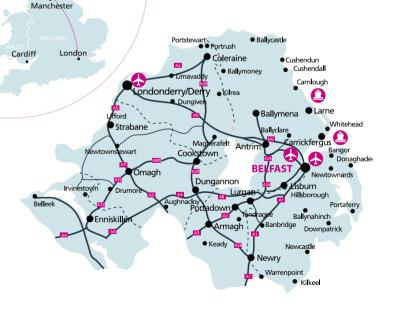


National Ports

•Helsinki

Moscow•

Stockholm



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AND SUSTAINABILITY TAUGHT Animal Behaviour and Welfare Business Communication for Rural Enterprise Business for Agri-food and Rural Enterprise Ecological Management and Conservation Biology Leadership for Sustainable Development Leadership for Sustainable Rural Development Molecular Biology and Biotechnology Parasitology and Pathogen Biology		TAUGHT Arts and Humanities Arts Management Film RESEARCH		TAUGHT English (Broadcast Literac English (Creative Writing) English (Poetry: Creativity English: English Literary S
		Arts Management Drama Studies Film and Visual Studies Music Sonic Arts		RESEARCH English FOOD SECURITY
RESEARCH Ecosystem Biology and Sustainability Microbes and Pathogen Biology BUSINESS AND MANAGEMENT 46		EDUCATION	54	TAUGHT Advanced Food Safety Global Food Security (Foo
		TAUGHT Applied Behaviour Analysis Autism Spectrum Disorders Children's Rights Educational Leadership		RESEARCH Food Safety and Biotechn Food Safety and Nutrition
TAUGHT		Educational Studies	ucation	HISTORY AND

Accounting and Finance Business Administration (MBA) -International MBA Economics Finance Human Resource Management International Business Management Marketing Quantitative Finance Risk and Investment Management

#### RESEARCH

Accounting Economics Finance Management

#### **COMPUTER SCIENCE**

#### TAUGHT

Applied Cyber Security Applied Cyber Security with Professional Internship Software Development

#### RESEARCH

**Computer Science** 

Inclusion and Special Needs Education PGCE **TESOL** (Teaching English to Speakers of Other Languages) PROFESSIONAL DOCTORATES

### Doctorate in Education

**TESOL** (Teaching English to Speakers of Other Languages) RESEARCH Education

## ENGINEERING

#### TAUGHT Advanced Aerospace Engineering

Advanced Mechanical Engineering Electronics Electronics with Professional Internship Environmental Engineering Materials Science for Innovative Enaineerina Pharmaceutical Analysis

Structural Engineering Design

and Management

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Chemistry and Chemical Engineering Civil Engineering Electrical and Electronic Engineering Mechanical and Aerospace Engineering

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Juris Doctor

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Data Storage

Pure Mathematics

**Optical Physics** 

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TAUGHT

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Mental Health

Public Health

RESEARCH

Public Health

Translational Medicine

Experimental Medicine

Precision Cancer Medicine

Clinical Anatomy

Clinical Education

**HEALTH SCIENCES** 

Plasma Physics

Nanostructured Media

Photonic Integration and Advanced

Theoretical Atomic, Molecular and

**Bioinformatics and Computational** 

Clinical Anatomy (Blended Learning)

Molecular Pathology of Cancer

Pathology Informatics and Business

Application (Distance Learning)

PROFESSIONAL DOCTORATE

Materials Science for Innovative Engineering

Statistical Science and Operational Research

acy) v and Criticism) Studies

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od Safety)

nology on

## ANTHROPOLOGY

TAUGHT Anthropology History Irish Studies Theology RESEARCH Anthropology Cognition and Culture Ethnomusicology History Irish Studies

Theology

TAUGHT Interpreting Translation

LANGUAGES

#### RESEARCH

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Construction and Project Management with Industrial Internship **POLITICS AND** Environmental Engineering **INTERNATIONAL STUDIES** Planning and Development Planning and Regeneration TAUGHT Conflict Transformation and Social Justice Structural Engineering Design and Management Global Security and Borders Urban and Rural Design International Relations

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#### RESEARCH

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Archaeology Architecture Civil Engineering Geography Palaeoecology Planning

### NURSING

TAUGHT

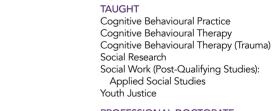
Nursing and Midwiferv Advanced Professional Practice Caring for Children and Young People with Complex Health Needs Non-Medical Prescribing

#### Nursina

Advanced Professional and Clinical Practice Cognitive Behavioural Psychotherapy Specialist Practice in Nursing

#### RESEARCH

Nursing and Midwiferv Cancer Nursing, Supportive and Palliative Care Maternal and Child Health



PROFESSIONAL DOCTORATE Childhood Studies

Visit our online Course Finder go.qub.ac.uk/coursefinder

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Sociology, Social Policy and Social Work

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Violence, Terrorism and Security

Politics, International Studies and Philosophy

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Psychological Science (Conversion)

Psychology of Childhood Adversity

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<b>KEY DATES</b>
WELCOME WI

WELCOME WEEK	18 September – 22 September 201
AUTUMN SEMESTER	25 September – 15 December 2017
SPRING SEMESTER	8 January – 23 March 2018
EASTER VACATION	26 March – 13 April 2018
SPRING SEMESTER	16 April 2018 – 14 June 2018

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#### PRODUCTION DETAILS

Compiled by: Strategic Marketing and Communications.

With thanks to all Queen's staff who helped with this prospectus.

#### DISCLAIMER

The prospectus is published annually and therefore represents the course structure at the time of publication. The most up-to-date version of this document is available from go.qub.ac.uk/prospectusdownload

# FSC

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#### FOR COURSE-SPECIFIC INQUIRIES

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#### 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 <u>qub.ac.uk</u>

## **COME AND SEE US**

We run open days throughout the year. Get the inside guide and soak up the atmosphere of the campus, including our beautiful Graduate School.

If you can't make an open day you're more than welcome to visit us throughout the year to have a look around the campus and have a chat – just get in touch!

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