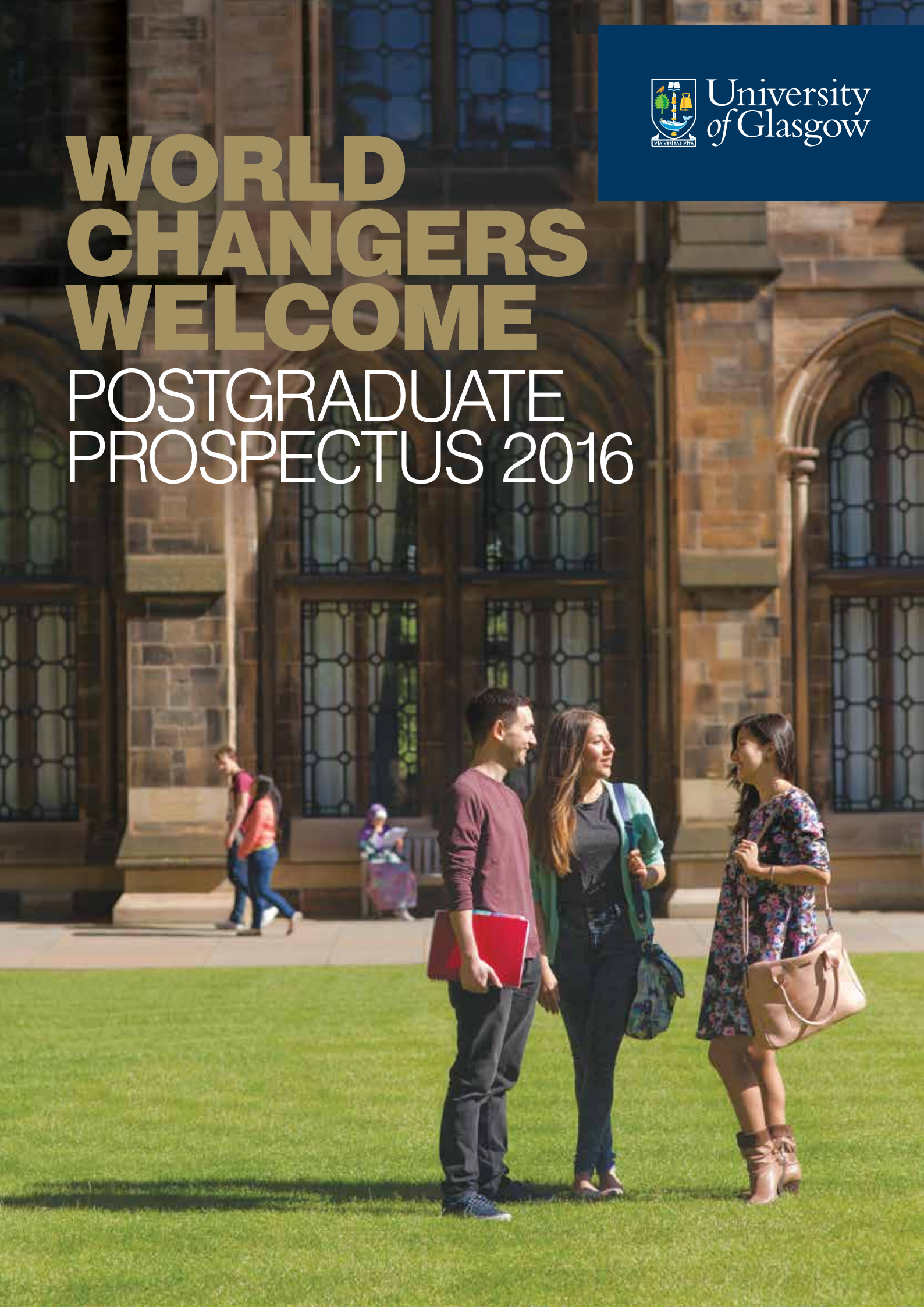




University
of Glasgow

WORLD CHANGERS WELCOME

POSTGRADUATE PROSPECTUS 2016



RANKED IN THE
TOP 1%
OF THE
WORLD

A MEMBER OF THE
RUSSELL GROUP
OF RESEARCH-
INTENSIVE UK
UNIVERSITIES

THE OPPORTUNITY
TO LEARN FROM
PIONEERING
ACADEMICS
WHOSE RESEARCH IS
INTERNATIONALLY
RECOGNISED

THE FOURTH
OLDEST
ENGLISH-SPEAKING
UNIVERSITY
IN THE WORLD

FOUNDING
MEMBER OF THE
INTERNATIONAL
RESEARCH
UNIVERSITIES
NETWORK

SCOTLAND'S
LARGEST CITY

RENOWNED
MUSIC SCENE
AND A WEALTH
OF ARTS AND
CULTURAL
VENUES

UNESCO CITY
OF MUSIC

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Glasgow is ranked highly in both
UK and international league tables:

55th QS World University Rankings 2014

94th Times Higher World University Rankings 2014/2015

24th Guardian University Guide 2015

26th Times Good University Guide 2015



Established in
1451

Join a research community of
3,000
research and teaching staff

Top 5
for quality of student life
(Lloyds Bank Quality of Student Life Survey 2014)

Dedicated
postgraduate club and library study space

Over 270
taught programmes

81%
of our research judged to be internationally excellent
(REF 2014)

25,000
students from over
135
countries

Glasgow is the world's friendliest city
(Rough Guides 2014)

Annual research income of more than
£181m

85% of students in employment or further study 6 months after graduation
(Higher Education Statistics Agency 2013/14)

2nd in Scotland for research excellence



By choosing to study at the University of Glasgow, you'll be following in the footsteps of world changers, from the pioneer of television, John Logie Baird, to the pre-eminent scientist of the 19th century, Lord Kelvin, as well as seven Nobel Prize laureates.

Join us and make your mark.

ADAM SMITH
EXPLAINED THAT THE SEEMING CHAOS OF MARKET
BEHAVIOUR COULD BE EXPLAINED THROUGH A FEW
SIMPLE PRINCIPLES

try to make the music of
past the music of the future.
John Birt

Lord Kelvin
established electrical engineering as a field of
study and an absolute scale of temperature.
- the Kelvin Scale.

Emeli Sandé
Now a multi-award winning and
chart-topping artist

I'm going to score it
in the World!

Katharine Gray
Britain's most successful female rower and
Olympic gold medalist.

Smile to everybody everywhere
Yanning Chen

Understanding how the environment
responds to increased resource
consumption
Susan Hall

John Boyd Orr
The first scientist to show that there was a link
between poverty, poor diet, and ill health, and
is considered the founding father of modern
nutritional science

Patrick Quinlan
Creating more effective and less toxic
drugs for cancer.

To help revolutionise the aviation industry by
developing longer aircraft with the ability to
transport more passengers than ever
before.
- ARIF NADDEM

James McCune Smith
The first African American to receive a
medical degree. Smith went on to open the
first pharmacy in America owned by an
African American

By being the best doctor ever!
Just cough twice please sir.
James An

John Logie Baird
Invented the first working television

Be out the key to
Happiness - Emma Keys

Robert Edwards
Pioneered the technique of
in vitro fertilisation (IVF)

Nurturing the next generation of
Musical talent.
Athena Jackson

JAMES WATT
SOLVED THE PROBLEM OF HIS COUNTRY, ENLARGED THE
POWER OF MAN, AND SAID TO HIS CONTEMPORARIES THAT
HE WAS THE MOST SUCCESSFUL OF SCIENTISTS AND THE BEST OF INVENTORS

JOSEPH YACOPINO
DISCOVERED AND ESTABLISHED THE
COMMERCIAL APPLICATION OF SYNTHETIC
ADRENALIN

SUPPORT ALONG THE WAY

We want you to be a success, both now and in the future. We can help you to build your skills, make relevant connections with academic and industry experts and prepare you for your chosen career. At Glasgow we understand the importance of creating a world-class environment where you can feel inspired.

University Library

Open daily from 7.15am to 2.00am with online access 24/7, the University Library has one of the largest collections of books in Europe.

- 12 wi-fi enabled floors
- Dedicated postgraduate study space
- 2.5 million books and journals
- More than 30,000 electronic journals
- Comfortable individual group and study spaces and hundreds of PCs
- Café providing a relaxed learning and study space.

Special Collections

Glasgow's Special Collections attract scholars from around the globe. You'll find rare books, manuscripts and early photographs, covering most branches of the arts, sciences and medicine.

- More than 200,000 manuscript items
- Around 200,000 printed works, including over 1,000 printed before 1501.

Archives

With more than 1,000 collections spanning over seven centuries and a large collection of business records, our University Archives offer a unique heritage resource to students. We hold important collections of records, reflecting the contribution that the University and Scottish business have made to the world.

For more information, see www.glasgow.ac.uk/library

Build your career

Our Careers Service can offer you:

- one-to-one support from professionally trained advisers
- access to thousands of potential employers for work experience, internships and jobs
- training and coaching in job-hunting techniques
- help to build your CV and job applications.

We can also provide:

- opportunities to meet global recruiters on campus
- links to postgraduate study in the UK and overseas
- an online career management system that alerts you to jobs relevant to your career interests.

Learn from experience

You can benefit from the experience of an extensive network of 120,000 alumni spanning over 180 countries, even before you graduate. Our Careers Alumni Network offers you the chance to interact with our alumni both virtually and in person, providing networking opportunities and access to first-hand information on where a degree from Glasgow can take you.

For more information, see www.glasgow.ac.uk/careers

Student Services

Our Student Service Enquiry team is here to help you make the most of your time at Glasgow, from Council Tax queries to appointments with our International Student Advisers. We can offer assistance with:

- Your student record
- Appointments and access to student support services
- Guidance on services available to you
- A place to visit if you're not sure who can help!

For more information see www.glasgow.ac.uk/students/sset and www.glasgow.ac.uk/students/introduction to view our Student Services induction video.

Access researcher training

We offer personal and professional development opportunities to support you in your journey to become researchers and leaders in your fields.

Training programmes provided by our graduate schools can help you to:

- Manage your time and your research
- Develop presentation, public engagement and enterprise skills
- Participate in collaborative programmes locally, regionally and nationally
- Develop skills in conference organisation and academic publication.

We recommend that our researchers take part in two weeks of skills training each year.

For more information, see www.glasgow.ac.uk/researcherdevelopment

The Hunterian

Founded in 1807, The Hunterian is the University's museum and art gallery and the oldest public museum in Scotland. Postgraduate students can:

- develop transferable skills through internships
- work with scholars in a range of fields relevant to our collections – art, archaeology, palaeontology, geology, zoology, ethnography and numismatics.

For more information, see www.glasgow.ac.uk/hunterian and page 9 for more details of The Hunterian expansion at Kelvin Hall.

Online learning

Online programmes

Online learning at the University of Glasgow allows you to benefit from our outstanding educational experience and achieve a high-quality degree from a world-class University without having to relocate to our campus.

Our programmes have been developed to provide part-time, high-quality, flexible education that can enable you to fulfil your potential and realise your career ambitions. You can find out more about our online programmes by visiting www.glasgow.ac.uk/onlineprogrammes

Moodle

Once you've joined the University, you'll be given access to Moodle, a virtual learning environment. This includes different forms of e-learning and virtual tutorials.



NEW POSTGRADUATE FACILITIES

The University is currently transforming its campus as part of a £775M development plan. The new state-of-the-art facilities at Queen Elizabeth University Hospital and the Kelvin Hall enhance our already world-class postgraduate teaching and research facilities.

Teaching & Learning Centre at Queen Elizabeth University Hospital

The University of Glasgow has a long and proud history of outstanding achievements in teaching medical students, researching our understanding of disease and developing new treatments.

The University continues this tradition of medical excellence and innovation today, with one of the largest and most prestigious Medical Schools in Europe, and world-leading clinical research across cancer, cardiovascular, infectious and inflammatory diseases.

We are proud to provide our students with the custom-built Queen Elizabeth Teaching and Learning Centre at the heart of one of the largest acute hospitals in Europe.

Working in partnership with NHS Greater Glasgow & Clyde, our students will benefit from Queen Elizabeth University Hospital's state-of-the-art clinical environment, while our researchers continue to develop innovative medicines and technologies to transform the treatment of patients and prevention of disease.

The Queen Elizabeth University Hospital campus is now the largest hospital campus in Europe with services for adults, children and maternity on a single site, including world-class critical care, theatre and diagnostic services.

Teaching & clinical research facilities

With the NHS, the University of Glasgow has led the development of new teaching and clinical research facilities at the Queen Elizabeth University Hospital. These include:

- A £25M purpose-built Teaching & Learning Centre for training of undergraduate medical, postgraduate and nursing students alongside NHS staff.
- A new £5M Clinical Research Facility to ensure that the hospital is at the forefront of clinical trials of new medicines.
- A £5M dedicated innovation floor which accommodates incubator space for industry and the Stratified Medicine Scotland Innovation Centre, a University of Glasgow-led, Scotland wide collaboration with industry which is developing 'precision medicine' – advanced diagnostics and precise treatments for individuals across a wide range of chronic diseases.
- A £32M Imaging Centre of Excellence, opening in 2016, which will include a 7 Tesla MRI scanner, an ultra-high resolution scanner which will be the first of its kind on a clinical site in the UK, and world-leading clinical academic expertise in stroke, cardiovascular disease, and brain imaging.

Teaching & Learning Centre

Our custom-built Teaching & Learning Centre will be home to the following postgraduate taught programmes:

- Cardiovascular Sciences, MSc (page 67)
- Child Health, PgCert (page 84)
- Clinical Pharmacology, MSc (page 67)
- Clinical Trials & Stratified Medicine, MSc (page 67)
- Diabetes, MSc (page 68)
- Medical Genetics & Genomics, MSc (page 88)
- Stratified Medicine & Pharmacological Innovation, MSc (page 68)

Further information

For further information, please email: mvl-s-gradschool@glasgow.ac.uk or visit www.glasgow.ac.uk/mvl-s/graduateschool



The Hunterian at Kelvin Hall

The Hunterian, with over 1.3 million objects in its collections, is one of the world's finest university museums. New state-of-the-art facilities at Kelvin Hall will allow the University of Glasgow to build on its international reputation for collection-based research and teaching, allowing much greater access to collections while forging new academic and educational practice.

Opening in Autumn 2016, the initial Kelvin Hall development will be the first phase in a unique partnership between the University, the city of Glasgow and national institutions providing a flagship for knowledge exchange and object-led education in the arts, social sciences and sciences.

This iconic Glasgow building, for many years a sporting and leisure venue and home to the Transport Museum, will be home to a partnership between the University of Glasgow, Glasgow Museums, Glasgow Life and the Scottish Screen Archives from the National Library of Scotland. The new facilities will be the first of its kind in the UK to enjoy the benefits of a unique combination of research, cultural heritage, civic, educational, media, sport and commercial activities under one roof.

World-class facilities

Postgraduate students will benefit from research and teaching labs and advanced conservation studios alongside search and seminar rooms, a digital film archive, dedicated postgraduate study space, a conference suite and library. The centre will also provide sports facilities courtesy of Glasgow Life and a café on-site for those who are looking for a study break.

To develop collaborative research activity and public programming around multiple collections, The Hunterian is a partner in the Kelvin Hall development with Glasgow Museums, which will house more than 400,000 history, archaeology, ethnographic and design objects at Kelvin Hall, including the Mackintosh tearooms; and the Scottish Screen Archive of the National Library for Scotland, with its 100 years of Scottish history on film and video offering exciting opportunities for screenings and related public events.

The Hunterian's existing public galleries (Museum, Art Gallery and The Mackintosh House) will remain on the University campus.

Postgraduate study

A range of new postgraduate programmes has been developed for Kelvin Hall and existing programmes will be expanded and enhanced by these innovative new facilities, including direct access to Hunterian and Kelvin Hall partner collections.

- Art History: Dress & Textile Histories, MLitt (page 39)
- Art History: Technical Art History, Making & Meaning, MLitt (page 40)
- Curatorial Practice (Contemporary Art), MLitt (page 41)
- Film Curation, MLitt (page 45)
- Filmmaking & Media Arts, MSc (page 45)
- Landscape: Integrated Research & Practice, MSc (page 50)
- Material Culture & Artefact Studies, MSc (page 50)
- Media Management, MSc (page 46)
- Museum Education, MEd (page 144)
- Museum Studies, MSc (page 54)
- Provenance & Collecting Studies in a Global Context, MLitt (page 42)
- Textile Conservation, MPhil (page 42)

Further information

For more information on the Kelvin Hall development, visit www.glasgow.ac.uk/hunterian/about/thehunterianatkelvinhall

The Leverhulme Trust:

Collections scholarships for PhD students

Inspired by the dynamic collaboration at the heart of the Kelvin Hall project between The Hunterian, Glasgow Life and the Scottish Screen Archive, Professor Karen Lury devised the Collections studentships project funded by the Leverhulme Trust. The Leverhulme Trust will fully fund 11 new home/EU PhD studentships for the sessions 2016 – 17, 2017 – 18, including maintenance costs (c. £14,000 in session 2015 – 16).

Working in close collaboration with one another, the Collections students will explore historical and contemporary collections using quantitative and qualitative techniques derived from science, the arts and humanities; methodologies emerging from Big Data; and analysis from within medical disciplines.

For more information, visit: www.glasgow.ac.uk/leverhulmetrustscholarship



YOUR GLASGOW HOME

Living in residences is a great way to make new friends and settle in quickly to life at the University of Glasgow. The Residential Services office is here to help you find a suitable place to live and, providing you've applied for residence before 22 August, we can guarantee a place in our university residences.

Am I eligible?

Most new students and all new international students are guaranteed accommodation (subject to our admissions policy): see www.glasgow.ac.uk/accommodation

How much does it cost?

Fees range from £110.60 per week for a single room in a self-catered residence, £134.47 per week for a single en-suite room in a self-catered residence, to around £184.94 per week for a one bedroom flat. For up-to-date prices for all our residences, see www.glasgow.ac.uk/postgraduate/accommodation/fees

Where can I live?

You have options in six residences, located between a two-minute and a 25-minute walk from our main Gilmorehill campus.

Benefits include:

- trained pastoral staff living onsite
- some residences are served by a limited SRC shuttle bus service at certain times. See website for further details: www.glasgowstudent.net/services/minibus
- group insurance cover for your belongings
- automatic membership of the University's sport and recreation facilities
- 24/7 internet access incorporating wi-fi in all rooms.

You can compare the facilities online at: www.glasgow.ac.uk/postgraduate/accommodation

How do I apply?

As soon as you've accepted your offer of study, you can apply online:

www.glasgow.ac.uk/postgraduate/accommodation/apply

Families and couples

We offer a small number of furnished self-contained flats for couples or families.

If you have a disability

Please contact one of our Student Disability Advisers to discuss any special requirements you have as soon as possible. Tel: +44 (0)141 330 5497, email: disability@glasgow.ac.uk

Other options

If you'd prefer to find accommodation through a private landlord, we can offer advice and help. Register online to search our private accommodation database at www.glasgowpad.org

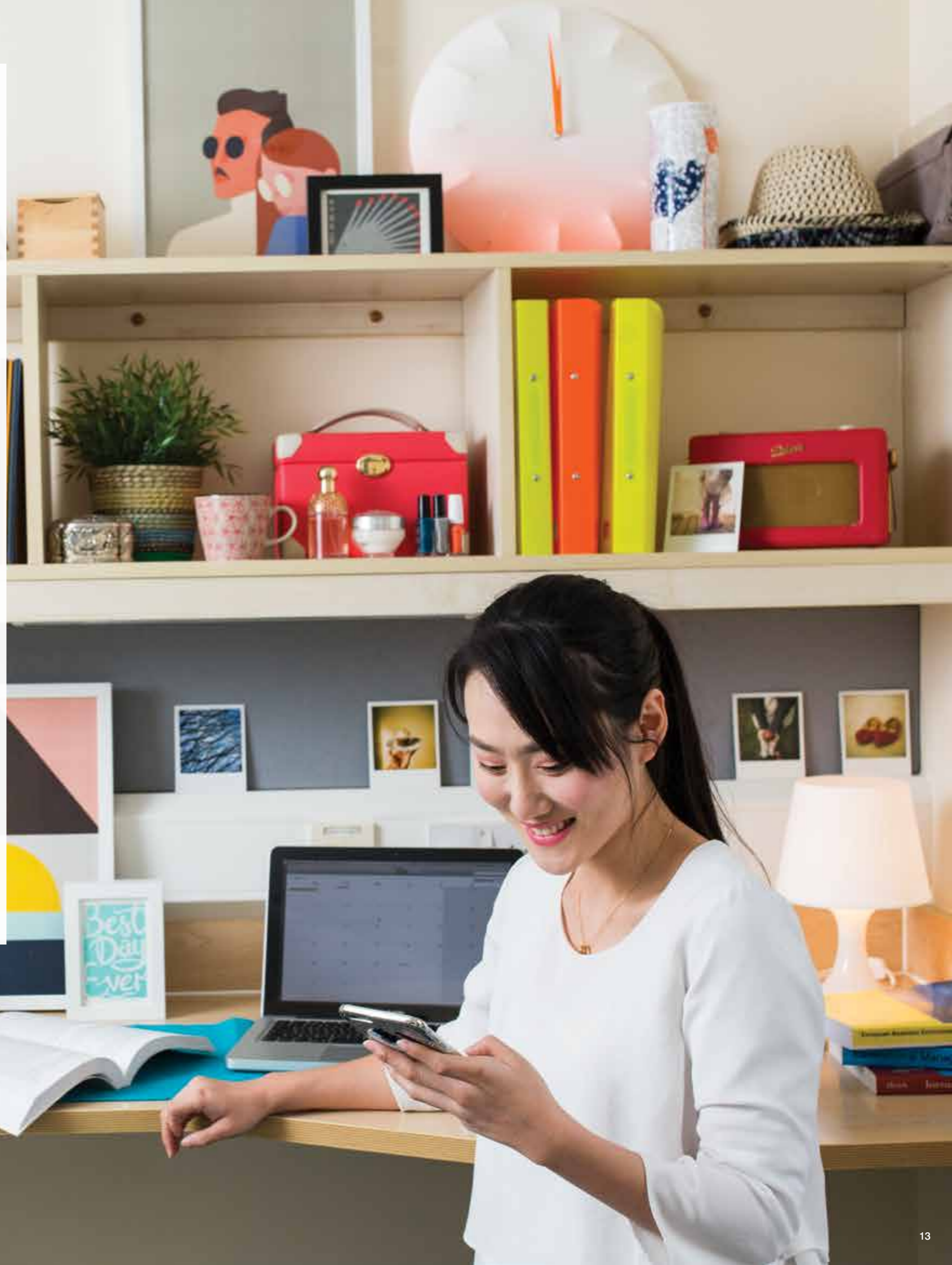
The Students' Representative Council is also on hand to offer advice on looking for a private rental. You can find out more including its handy guide to flat hunting at www.glasgowstudent.net/advice/accommodation

Contact us

www.glasgow.ac.uk/accommodation

Tel: +44(0)141 330 4743

Email: accom@glasgow.ac.uk



LIFE BEYOND THE BOOKS

Whether you enjoy music, media, sport, student politics or simply like socialising, becoming a member of one of Glasgow's societies, unions or teams can be a great way to pursue your passions, meet like-minded people and boost your employability.

Choose from two unions

All of our students can use two unions, each with their own personality and facilities.

Award-winning **Glasgow University Union (GUU)** has five bars, libraries, a Subway, a debating chamber, snooker hall and pool tables. The union runs weekly games and entertainment, and is the most successful debating institution in the world, with five World University Debating Championships to its name. A brand new nightclub, which opens at the end of 2015, will be connected to the existing GUU building. With four bars, a dance floor and a café space, the extension will provide a new hub on campus that will greatly contribute to the overall Glasgow student experience. For more information, see www.guu.co.uk

Queen Margaret Union (QMU) is 125 years old in 2015. It has four bars, a café and a shop. It hosts new music, local bands, big name acts, student-run club nights and a variety of events from quizzes to open mic nights. Our new food outlet, Scran, serves good food at student prices and a range of craft beers, spirits and wines. QMU is well known for charity fundraising and campaigning on campus. It provides space for clubs and societies to meet and now houses the University's eco hub. QMU also produces a regular magazine *Qmunicate* and we encourage a diverse range of contributions. In 2015 it launched a quarterly poetry magazine *Aloud* to complement a monthly spoken word social night of the same name which 100 plus regularly attend. For more information, visit www.qmunion.org.uk

Dedicated postgraduate club

Our Gilchrist Postgraduate Club provides a casual and relaxed environment to meet friends, participate in group study or take a well-earned break. Facilities include a seminar room for meetings or presentations, study booths with integrated TV screens and a café/bar with barista coffee and tea. For more information, see www.gilchristpgclub.org

Make yourself heard

Our Students' Representative Council voices your opinions to the decision makers by campaigning and sitting on all the major University committees. It's run by students for students and each year you can vote for the candidates you want to represent you, or stand for office yourself.

Discover new hobbies

Student societies provide a great way to make new friends while doing something you enjoy, whether it's a new hobby or a lifelong interest. We have over 250 clubs and societies to choose from, such as Dancemania, Creative Writing and the Politics Society. If you still can't find a society that interests you, it's really easy to start your own one. There are also many fantastic opportunities for volunteering in the UK and overseas. Explore the possibilities at www.glasgowstudent.net/clubs

Find your voice with student media

The University's student media has a fantastic reputation. You can join the teams that produce:

- **Glasgow University Guardian:** an award-winning newspaper written and produced by students
- **Glasgow University Magazine (GUM):** the oldest student publication in Scotland, providing opinion and culture
- **Subcity student and community radio:** known for events, promotions and quality music and content online
- **Glasgow University Television (GUST):** covering news, views and entertainment online.

Make some music

Do you sing, compose or play an instrument? Glasgow is the UK's only UNESCO City of Music, and our students and staff run a wide range of music groups that you can join. If you love to listen, you'll enjoy our range of performances, including our popular Thursday lunchtime concerts.



GET AHEAD OF THE GAME

Whether you're a world-class athlete or new to exercise, we have the facilities and expertise to keep you motivated. What else would you expect from the host city of the 2014 Commonwealth Games?

Sport for fun

From the serious to the social side of sport, we love it all at Glasgow. We have more than 15,000 members of our sports facilities and approximately 4,000 students participate in our 49 different sports clubs. With so many activities to try out and plenty of post-exertion socialising opportunities available, you can get fit and have fun at the same time.

Sport for the great outdoors

If you like some fresh air in your fitness regime then you're in the right place. Clubs such as the Hares and Hounds offer road, cross-country and hill-training runs for all standards, or you could tackle some of Scotland's fantastic mountain trails with the cycling club. You could even find yourself skydiving, surfing, snowboarding or potholing in Scotland and beyond.

Sport for fitness

Our two purpose-built facilities are open seven days a week, early until late.

Facilities include:

- a six-lane, 25m heated swimming pool
- sauna and steam room
- fitness suite
- squash courts
- strength suite, cardio suite and exercise studio
- activity halls
- six grass and two all-weather synthetic pitches
- cricket oval
- tennis courts.

Sport for team players

With excellent facilities for team sports at the University's Garscube Sports Complex and a number of friendly clubs open to new members, you could find yourself participating in, among others: American football, basketball, rowing, cricket, curling, football, golf, hockey, netball, rugby, volleyball – even ultimate frisbee. Many of our teams compete against the best in the UK with great success.

Support for talented athletes

If you're a talented athlete in training, we offer a range of services to support you, as well as sports bursaries and scholarships. For further details, see www.glasgow.ac.uk/sport/support/scholarships

Investing in the future

We're spending more than £10m to extend our current sporting facilities (which will open late 2015). This will include:

- a sports hall with viewing gallery
- expansion of our cardiovascular, muscle-conditioning and stretching facilities
- increased exercise space including a martial arts studio.

Find out more

www.glasgow.ac.uk/sport
Follow @glasgowunisport on Facebook, Twitter, YouTube and Instagram



DISCOVER SCOTLAND

As well as having a world-renowned education system and more world-class universities per head of population than anywhere else in the world, Scotland has lots to offer. With Glasgow as a base, you'll be in the ideal location to explore the length and breadth of the country. From spectacular scenery and adventure sports to breathtaking castles and some of the world's best-loved cultural festivals, there are plenty of attractions to experience.

Neighbouring cities

Glasgow's location in the Central Belt makes it easy to explore Scotland's other cities. Whether you fancy checking out the world's largest arts festival in Edinburgh, uncovering Scotland's finest concentration of historic buildings in Stirling or even trying to catch sight of the Loch Ness Monster near Inverness, you'll be well placed to tour our beautiful country.

Loch Lomond

Magnificent Loch Lomond is the focal point of Scotland's first national park and is the largest land-locked body of water on the UK mainland. Located just 40 minutes from Glasgow, it's a popular day-trip destination thanks to the various opportunities for water sports, fishing, golf, walking, hiking and camping.

Outdoor activities

If you fancy exploring on foot, there are trails, routes, hill climbs and mountain adventures to suit walkers of all levels. Scotland's iconic Munros (mountains over 3,000 feet) offer many rewarding opportunities to explore some of the most beautiful and remote habitats in Europe.

For lovers of skiing and snowboarding, Scotland is home to a variety of ski resorts such as the Cairngorm Mountain ski resort, less than a three-hour journey from Glasgow.

Culture and architecture

Scotland has a thriving arts and culture scene, from its eclectic range of theatre and dance to its many blockbuster movie locations and its captivating art and literary scene.

Architecture fans are spoilt for choice with Scotland's rich legacy of striking and unique architecture. There are plenty of architectural gems to discover such as castles and Victorian tenements, right up to the cutting-edge designs of today such as the iconic Clyde Auditorium, known locally as 'the Armadillo'.

Beaches

As part of an island, Scotland is surrounded by plenty of beautiful beaches, many of which have won awards from Keep Scotland Beautiful and the world organisation, Blue Flag. Whether you decide to take part in watersport activities or just go for a relaxing walk, keep your eyes peeled for marine life in the waters and seabirds flying overhead.

Parks and gardens

Scotland is home to a wide variety of stunning parks and gardens in the cities, countryside and castle grounds. Discover exotic species in one of Scotland's many botanic gardens, enjoy the tranquillity of city parks, stroll in the gardens of ancient castles or wander through beautiful woodland gardens.

Something for everyone

These are just a few examples of what Scotland has to offer. There is a whole host of activities to take part in, from mountain biking and sailing to playing on world-famous golf courses and living it up at Scotland's biggest annual music festival, T in the Park.

Find out more

For more information on Scotland, check out www.visitscotland.com



Mountain biking on the Black Route - part of the Balblair Mountain Bike Trails (Forestry Commission) near Bonar Bridge, Highlands of Scotland



T in the Park, Scotland's annual three-day music festival

EXPLORE GLASGOW

With a wealth of cultural attractions, impressive architecture, fantastic shopping and a year-round programme of world-class events, it is easy to understand why Glasgow is firmly established as one of Europe's most exciting destinations. As the UK's third-largest city and one of the world's top student destinations, Glasgow has loads to offer you as a student.

Getting around

It's easy to travel around Glasgow, whether you choose to walk, take the train, hop on a bus or use the subway. Our subway system is the third oldest in the world and is known locally as 'the Clockwork Orange'. It connects our main campus in the West End to the city centre in under 10 minutes.

Shopping

It's no surprise that Glasgow is consistently voted the top place to shop in the UK outside London. The city's huge retail centre has a 'Style Mile' containing big-name shops like Forever 21 and the Apple Store, as well as designer outlets and quirky vintage boutiques.

Sports

Following our successful hosting of the 2014 Commonwealth Games, our sports facilities have never been better. From the Sir Chris Hoy Velodrome and the national football stadium, Hampden Park, to an indoor snowboard and ski slope (with real snow) and ice arena, you'll be spoilt for choice.

Parks

If you are looking for somewhere to relax and escape the city buzz, Glasgow has plenty of options. In fact, the city has more green space per head of population than any other European city, with over 90 parks and public gardens. Plenty of options to take your study materials or a good book outside!

Culture

For culture vultures, there are more than 20 museums and art galleries to explore, with many offering free admission. A must-visit is the Riverside Museum, which was voted European Museum of the Year 2013.

The city is also host to several international festivals each year from Jazz and Mela to Comedy and Film.

Eating out

The city's fantastic range of restaurants and cafés reflects its diverse population. Whether you're after an amazing Asian kitchen that's open until 2.30am, a scoop of the creamiest Italian ice cream, or a plate of haggis, neeps and tatties – Scotland's national dish – Glasgow won't disappoint. Many eateries offer student discounts too.

Nightlife

As the UK's only UNESCO City of Music, Glasgow is host to around 130 music events every week. From catching global superstars at the SSE Hydro, the 2nd busiest live entertainment arena in the world, to local indie bands at legendary King Tut's, Glasgow caters for all music tastes.

Glasgow's nightlife is unrivalled, with the city boasting more than 700 bars, pubs and nightclubs and seven cinemas, including the tallest in the world. There's also an impressive mix of theatres, comedy clubs and even themed cabaret clubs.

Find out more

For more information on Glasgow, check out www.peoplemakeglasgow.com to explore the city and find out what's on.

PEOPLE
MAKE
GLASGOW



Buchanan Street, part of Glasgow's Style Mile



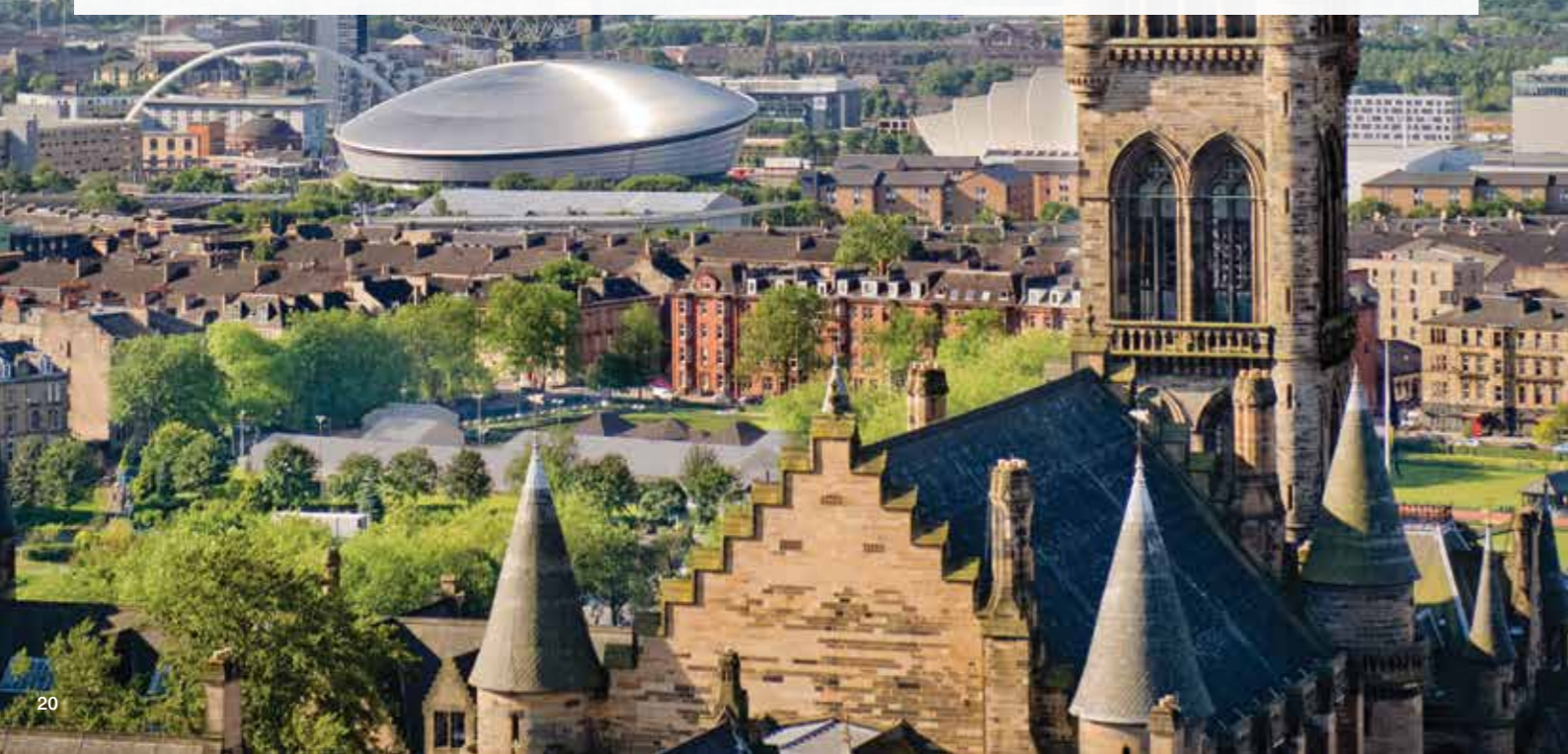
Sir Chris Hoy Velodrome, home of Scottish cycling



Riverside Museum



SSE Hydro, the world's second-busiest live entertainment arena (Source: Pollstar)





WEST END LIVING

The University's main campus is nestled within Glasgow's cosy and cultural West End, which is packed full of cafés, bars, vintage boutiques and cultural attractions.

There's plenty of entertainment on offer in the vibrant West End, from the Grosvenor Cinema, which provides big comfy seats for its guests, to Óran Mór, a converted church where you can settle down to enjoy lunchtime theatre known as A Play, a Pie and a Pint.

The West End is overflowing with a range of eateries offering cuisine from around the globe, from Japanese and Indian to Greek and French. A popular choice is the Hanoi Bike Shop, an authentic Vietnamese restaurant hidden in Ruthven Lane. For socialising, the quirky Hillhead Bookclub serves cocktails in gramophones while offering a selection of retro video games, plus you can even challenge your friends to a game of ping-pong.

A must-visit is student-friendly Ashton Lane, a charming cobbled lane full of character which is popular throughout the day and also as a late-night stop, with a great choice of bars and restaurants.

Every June, the West End is home to Glasgow's largest cultural event, the West End Festival. Taking place over three weeks, you can take your pick from 400 events ranging from music and theatre, to walks, talks and community galas. The festival parade is undoubtedly the biggest highlight of the festival, last year seeing 80,000 people turn out to see the procession with over 300 participants.

Perfect for a welcome study break, the West End offers plenty of green spaces, such as Kelvingrove Park and the Botanic Gardens. Located just a short walk from the main campus, the Botanic Gardens

provide a tranquil blend of formal gardens and woodland walks, as well as the beautiful Kibble Palace glasshouse. Kelvingrove Park is a classic Victorian park by the River Kelvin, offering sporting facilities including bowling greens, tennis courts and a skateboard park. Furthermore, the park now boasts the 2,500 capacity Kelvingrove Bandstand and Amphitheatre which is host to a variety of open air events including live music and dance, theatre and spoken word recitals.

The West End is also home to one of the most visited museums in the United Kingdom outside of London, the Kelvingrove Art Gallery and Museum. The museum has 22 themed galleries displaying over 8,000 objects, plus entry is completely free.



Kelvingrove Park, by the River Kelvin



The West End has an eclectic mix of independent shops and vintage clothing stores



West End Festival Parade



Vintage stores and cafés on Great Western Road



Ashton Lane

WELCOMING THE WORLD

No matter how far you travel to join us, we'll help you to feel at home in Glasgow. Glaswegians are famed for their friendliness and we have a range of specialist staff dedicated to your needs. From before you begin your journey to Glasgow, we work hard to make sure that when you arrive, you'll have the best experience possible.

Meet us in your own country

Members of our International Recruitment team travel throughout the world to attend exhibitions, offer information sessions and interview candidates. We also have staff based in China, America, India, Nigeria and Singapore who are there to assist international applicants. To find out where we will be visiting and contact details of our in-country resident staff, see www.glasgow.ac.uk/international

Need advice now?

Contact the International Office,
Tel: +44 (0)141 330 6062
Visit: www.glasgow.ac.uk/international

Support during application

During the application process and your preparations for travelling here, our International Student Support team can give you advice on any concerns you have, including:

- immigration
- working regulations
- finance.

See www.glasgow.ac.uk/international/support or email: internationalstudent.support@glasgow.ac.uk

Find out more

To help you prepare for your arrival at Glasgow, we have an International Student Handbook full of useful facts and information. To download a copy, see www.glasgow.ac.uk/internationalstudenthandbook

Improving competence in English

Before you are admitted to the University, we require you to show competence in English. We set a minimum English language proficiency level and accept qualifications from around the world*:

- IELTS 6.5 (with no sub-test less than 6)
- ibTOEFL: 92; no sub-test less than 20
- CAE (Cambridge Certificate of Advanced English): 176 overall; no sub-test less than 169
- CPE (Cambridge Certificate of Proficiency in English): 176 overall; no sub-test less than 169
- PTE Academic (Person Test of English, Academic test): 60; no sub-test less than 59.

Postgraduate research students should check the information at www.glasgow.ac.uk/international/englishlanguage requirements

We provide courses to help you reach a proficiency level equivalent to the required IELTS score through our English for Academic Study (EAS).

Pre-sessional EAS courses can last 5 – 40 weeks depending on your entry level. These courses have a strong study skills component and focus on academic English to help you adapt to the style of learning and teaching at the University. You can find out more information at www.glasgow.ac.uk/efl

If you'd like additional English language tuition once you've started your academic course, we also provide part-time language support classes, which are free of charge if you pay the full international student fee.

Glasgow International College

If you're an international student but not quite ready to study at Glasgow, our partner institution, Glasgow International College, offers pre-Masters programmes in business, engineering, law, science and the social sciences to help you achieve the required standards for admission to a range of one-year Masters programmes at the University. See www.glasgow.ac.uk/gic

Once you are here

Our range of services and social events have been designed to help you immerse yourself in Scotland's culture and enjoy your time at university.

Our International Student Support team provides a dedicated advisory service for international students. We can help you with non-academic and welfare matters. During the first few days of specified arrival periods in September and January, we set up a Welcome Desk on campus where you can go with any questions or concerns.

We also offer the following services for you and your family:

- international family lunchtime meet-ups on campus
- orientation programmes for you and your family on issues such as employment, health, childcare and schools, and driving in the UK
- trips to places of interest in Scotland
- coffee and craft mornings.

Specialist careers advice

We were the first university in Scotland to appoint a careers adviser to develop specialist advice for our international students. For more information, see www.glasgow.ac.uk/careers

*Please note exceptions may apply, check www.glasgow.ac.uk/postgraduate for specific requirements.



Orientation

Our orientation programmes help you to feel at home from the moment you arrive.

They run in September and January and provide information on general welfare, immigration, health, employment regulations, finance and other non-academic matters, as well as opportunities to socialise and visit the local area.

If you are arriving in September, our Welcome Team can meet you at Glasgow Airport and provide transport. More information and online registration for this service and for orientation is available on our website in the weeks before your arrival: www.glasgow.ac.uk/international/support/before/orientation

International clubs and societies

We offer many student-led international clubs and societies including the Chinese Society and the American Society. You can find the full list of clubs and societies at www.glasgowstudent.net/clubs

HOW TO APPLY FOR A POSTGRADUATE DEGREE

Postgraduate taught degrees

Types of taught degrees

If you choose to study for a taught degree programme at Glasgow you can work towards a Masters degree, a Postgraduate Diploma or a Postgraduate Certificate.

- Taught Masters degrees usually last for one year (full-time study) and the final assessment is often based on the submission of a research-based dissertation.
- Most Postgraduate Diplomas last for nine months full-time.
- Postgraduate Certificates generally last for four to five months full-time.
- Many Postgraduate Diploma and Certificate programmes are available on a part-time basis.

With more than 270 taught options to choose from, you should be able to find a programme that matches your interests. You can find taught programme details within each individual college section which are then split further by individual school and research institutes. Alternatively, you can search through our A – Z index on pages 176 – 177.

How to apply

Before starting your application we strongly recommend that you review any relevant information for prospective postgraduate students on the web pages of the graduate school you are applying to.

Applications are made via our online application form. Before submitting, you may save and return to your application as many times as you wish within 42 days.

If you are applying for a postgraduate taught degree, go to: www.glasgow.ac.uk/postgraduate/apply

Application deadlines

Type of applicant	Deadline
Non-EU	22 Jul 2016
UK & EU	26 Aug 2016
Master of Veterinary Public Health non-EU	22 Oct 2016
Master of Veterinary Public Health UK & EU	9 Dec 2016

For science & engineering programmes that begin in January, application deadlines are:

Type of applicant	Deadline
Non-EU applicants	14 Nov 2016
UK & EU applicants	9 Dec 2016

Entry requirements

Applicants for the majority of postgraduate degrees should have obtained at least a 2.1 Honours degree (or equivalent). In some cases work experience is also taken into account.

Online programmes

Our distance learning and online courses bring our university to you, so you can expand your horizons no matter where you are in the world.

Our online programmes offer the same excellent teaching and assessment standards as their campus-based equivalents – and they lead to the same qualifications, awarded by the University of Glasgow.

We currently offer distance learning study options on the following taught postgraduate programmes:

- Creative Writing, MLitt (page 33)
- Doctorate in Education, EdD (page 141)
- Health Professions Education/ Health Professions Education (with Research), MSc (page 86)
- Health Technology Assessment, MSc (page 72)
- Leading, Improving & Transforming Care, PgCert (page 87)
- Learning & Teaching in Higher Education, MEd (page 143)
- Religious Education by Distance Learning (CREDL), Cert (page 145)
- Spiritual & Religious Care in Health & Social Care, PgCert (page 89)
- Sport and Exercise Science & Medicine, MSc (page 68)
- Wildlife & Livestock Management, MSc (page 64)

For further information on online programmes, visit www.glasgow.ac.uk/onlineprogrammes

Further information

For further information, email: pgadmissions@glasgow.ac.uk

Postgraduate research degrees

About research degrees

Postgraduate research degrees can generally be divided into Research Masters and Doctoral (PhD) degrees. They are often suitable for students who have already completed a Masters degree and allow you to undertake a research project under the guidance of an academic supervisor.

PhD (Doctor of Philosophy): The normal length of study for a PhD is three to four years full-time or six to eight years part-time study. Students undertaking a PhD are expected to produce original work that makes a significant contribution to knowledge in, or understanding of, a field of study. A PhD thesis is a maximum of 80,000 – 100,000 words, depending on the college, or agreed equivalent (if comprised of applied or creative components).

MLitt (Master of Letters) by Research: The normal length of study for an MLitt (Research) is two years full-time or three years part-time. Students undertaking an MLitt (Research) are expected to make a significant contribution to knowledge in, or understanding of, a field of study. The MLitt thesis is between 40,000 and 70,000 words or agreed equivalent (if comprised of applied or creative components).

MPhil (Master of Philosophy) by Research: The normal length of study for the MPhil (Research) is one year full-time or two years part-time. Students undertaking an MPhil (Research) are expected to make a distinct contribution to knowledge in the field of study. The thesis is between 30,000 and 40,000 words or agreed equivalent (if comprised of applied or creative components).

MSc (Master of Science) by Research: The MSc (Research) may be awarded to a student whose postgraduate course of special study and research represents a distinct contribution to knowledge. The period of study is one year full-time or two years part-time and the thesis is normally 30,000 – 50,000 words.

MRes (Master of Research) Taught and Research: The MRes allows students to take a number of taught courses alongside a substantive dissertation.

MMus (Master of Music) Research: This is offered as one year full-time or two years part-time study. Students attend research seminars and complete a thesis or portfolio.

MD (Doctor of Medicine): This is offered two years full-time or four years part-time (for medically qualified graduates only).

EngD (Engineering Doctorate): This is offered four or five years full-time with an emphasis on research in an industrial context.

EdD (Doctor of Education): The period of study is 60 months part-time by distance learning. For those who wish to engage with professionally located issues at an advanced level. Comparable in standing with the PhD, the EdD provides a programme of advanced study that is both professionally relevant and academically rigorous. The programme is offered in a distance e-learning mode designed to afford high levels of interaction in a supportive community.

MFA (Master of Fine Arts in Creative Writing) by Research: The MFA is offered over two years full-time and four years part-time. The programme consists of completion of core seminars and submission of a portfolio of 40,000 – 60,000 words, including a creative project and essay of written work.

MVM (Master of Veterinary Medicine): This is offered one year full-time or two years part-time (for veterinary qualified graduates only).

MTh (Master of Theology) by Research: The MTh is offered over one year full-time and two years part-time. Students complete a thesis which should not exceed 40,000 words.

DFA (Doctor of Fine Arts in Creative Writing): The normal length of study for the DFA is three or four years full-time and six years part-time. Students will complete core seminars and submit a portfolio of 70,000 – 100,000 words, including a creative project and essay of written work which should make a significant contribution to literature and normally contain material worthy of publication.

DPT (Doctor of Practical Theology): The normal length of study for the DPT is three or four years full-time and six years part-time. Students study four courses delivered by directed learning and complete a research project leading to submission of a dissertation or equivalent research portfolio of 50,000 to 65,000 words.

Research opportunities

We welcome applicants with their own research proposals or those looking for a specific funded project. To browse the latest opportunities see www.glasgow.ac.uk/research/opportunities

How to apply

We accept applications for research degrees all year round. Before starting your application we strongly recommend that you review any relevant information for prospective postgraduate students on the web pages of the graduate school you are applying to.

Applications are made via our online application form. Before submitting, you may save and return to your application as many times as you wish within 42 days.

If you are applying for a research degree, you may want to identify a potential supervisor and contact them to discuss your research proposal before you apply. Please note, even if you have spoken to an academic staff member about your proposal, you still need to submit an online application form.

You can find relevant academic staff members using our staff interests search at www.glasgow.ac.uk/research/opportunities/search

You can apply at www.glasgow.ac.uk/research/apply

Entry requirements

Applicants for the majority of postgraduate degrees should have obtained at least a 2.1 Honours degree (or equivalent). A Masters qualification may also be required for PhD study. In some cases work experience is also taken into account.

Further information

For further information, email: pgadmissions@glasgow.ac.uk

FEES, FUNDING & SCHOLARSHIPS

We understand that financing your studies and living costs can be a concern for many postgraduate students. At Glasgow we aim to provide our students with as much financial support as possible and continuously strive to expand our range of scholarships and bursaries for both UK/EU and international students.

Tuition fees

Tuition fees cover the cost of registration, supervision of research or study, and examination and recreation facilities. Some laboratory-based and clinical departments may require payment of an additional bench fee: your college or graduate school will be able to advise you. You must arrange funding for your tuition fees and living costs before your studies begin.

Fees for 2016 – 17 will be published in full online at www.glasgow.ac.uk/fees

Cost of living

The cost of living can vary depending on your needs. As a rough guide, to study in the UK we recommend around £12,100 per year for a single student, a minimum of £18,000 for married couples and for each child add £3,000 per year. See table on the opposite page.

Graduate Teaching Assistantships

You may be able to earn while you learn. Some schools offer Graduate Teaching Assistantships. These are mainly for postgraduate research students and involve conducting tutorials and undertaking other teaching-related duties for first- and second-year undergraduate students. Ask your graduate school office for information.

Part-time work during study

Our Careers Service advertises details of part-time work opportunities at www.glasgow.ac.uk/careers

Scholarships

To search for scholarship and funding opportunities, go to www.glasgow.ac.uk/scholarships

Alternatively, you may be able to apply to the Student Award Agency for Scotland for a Postgraduate Tuition Fee Loan to help with the cost of fees. For a list of eligible degree programmes, see www.saas.gov.uk

The following scholarships may be available for postgraduate applicants:

- Glasgow Alumni Scholarships – 10% fee discount for alumni
- Postgraduate Talent Scholarship – £2,000 for students who could face financial difficulties in taking up a place to study a taught Masters programme
- Scholarships for international students, offered by Glasgow in conjunction with external bodies including: Saltire International Scholarships worth £2,000; Carnegie-Cameron bursaries worth £4,000 and Santander scholarships worth £5,000.

If you are a postgraduate research degree applicant, the main source of information on funding is the webpage of the graduate school you are applying for.

To view the latest funding opportunities and scholarships, see

- www.glasgow.ac.uk/arts/graduateschool
- www.glasgow.ac.uk/mvls/graduateschool
- www.glasgow.ac.uk/scienceengineering/graduateschool
- www.glasgow.ac.uk/socialsciences/graduateschool

Scottish Funding Council Places

A number of our taught programmes are supported by funding provided by the Scottish Funding Council (SFC). The SFC funding covers tuition fees for Scottish and EU (Non UK) students and places are awarded on a competitive basis.

Throughout the programme pages of this prospectus the **SFC** icon indicates programmes supported by SFC funding.

For more information visit www.glasgow.ac.uk/sfc

Find out more

To find out what support is available, and to get advice about topics such as financial aid, budgeting, paying tax and setting up bank accounts, see www.glasgow.ac.uk/studentfinance

Tuition fees (2016 – 17)*

Full-time students from the UK/EU	per year
Most taught programmes (non-clinical)	£6,950
Research programmes	see website
MBA	£15,500
Full-time international students (non UK/EU)	
Most taught or research programmes for arts or social sciences **	£15,250
Most taught or research programmes for science & engineering	£18,900
Most taught or research programmes for medical, veterinary & life sciences (non-clinical)	£18,900
MBA	£22,950
Most taught or research programmes in medicine, dentistry, veterinary medicine (clinical)	£33,950

Cost of living

Average cost per month of living in self-catered accommodation	
Accommodation	£470
Food	£180
Clothes	£70
Travel in Glasgow	£40
Laundry/stationery etc	£30
Telephone/internet	£40
Entertainment	£120
Total	£950
Additional costs per year	
Books	£400
UK travel	£300
Total	£700

* Please note tuition fees are subject to change and are for guidance only.

** Please note tuition fees may be higher for programmes in the Adam Smith Business School. Visit www.glasgow.ac.uk/fees for full details.

COLLEGE OF ARTS

Schools

School of Critical Studies Page 32

Creative Writing
English Literature
English Language
Scottish Literature
Theology & Religious Studies

School of Culture & Creative Arts Page 38

Cultural Policy
Film & Television
History of Art
Music
Theatre

School of Humanities Page 48

Archaeology
Celtic & Gaelic
Classics
History
Information Studies
Philosophy

School of Modern Languages & Cultures Page 56

Comparative Literature
French
German
Hispanic Studies
Italian
Slavonic Studies
Translation Studies



A CREATIVE COMMUNITY

Since 1451 we have specialised in the arts, developing wide-ranging expertise and world-leading research. Teaching and research are supported by the outstanding resources of our University Library with its archives and special collections as well as the University's museum and art gallery.

Our graduate school offers an extremely diverse and dynamic range of postgraduate opportunities. We are researchers, policymakers, authors, linguists, archivists, curators, critics, philosophers, playwrights, theologians, historians, technicians, composers, translators, classicists, practitioners, musicians, archaeologists and art lovers.

Research environment

We provide a rich environment for research and collaboration. The accomplishments of our academics and our leadership in subject areas are recognised consistently in UK and international league tables. Research is intertwined with our postgraduate and undergraduate programmes and greatly influences the content of our academic curriculum. We also have a research development unit, Arts Lab, dedicated to the promotion of interdisciplinary and collaborative research.

Learning environment

You will be taught by researchers of international distinction, participate in seminars led by academics, professionals and visiting speakers, and learn with students eager to share ideas. To ensure that you are equipped to become leaders in your chosen field we provide the highest-quality training and skills development opportunities. Our graduate school offers a year-round portfolio of more than 70 workshops. All of our postgraduate research students take part in at least two transferable skills workshops a year and keep a researcher skills development log. Skills development extends beyond workshops and includes collaborative research training initiatives, conference organising and attendance, internships and careers events.

In addition, our award-winning online journal *eSharp* offers the chance to participate in the creation of an international publication for postgraduate research in the arts, humanities, social sciences and education. Run entirely by postgraduate students, it encourages excellence in research through peer-reviewed publication and interdisciplinary exchange and enhances employability by providing hands-on experience of journal management and editing.

See: www.glasgow.ac.uk/esharp

Our award-winning online journal *eSharp* offers the chance to participate in the creation of an international publication for postgraduate research.

Career development

We provide you with training for your professional development and access to the necessary facilities. You will be able to benefit from knowledge exchange activities and tailored support from the University's Careers Service on all aspects of career planning, applications and interviewing.

Resources and facilities

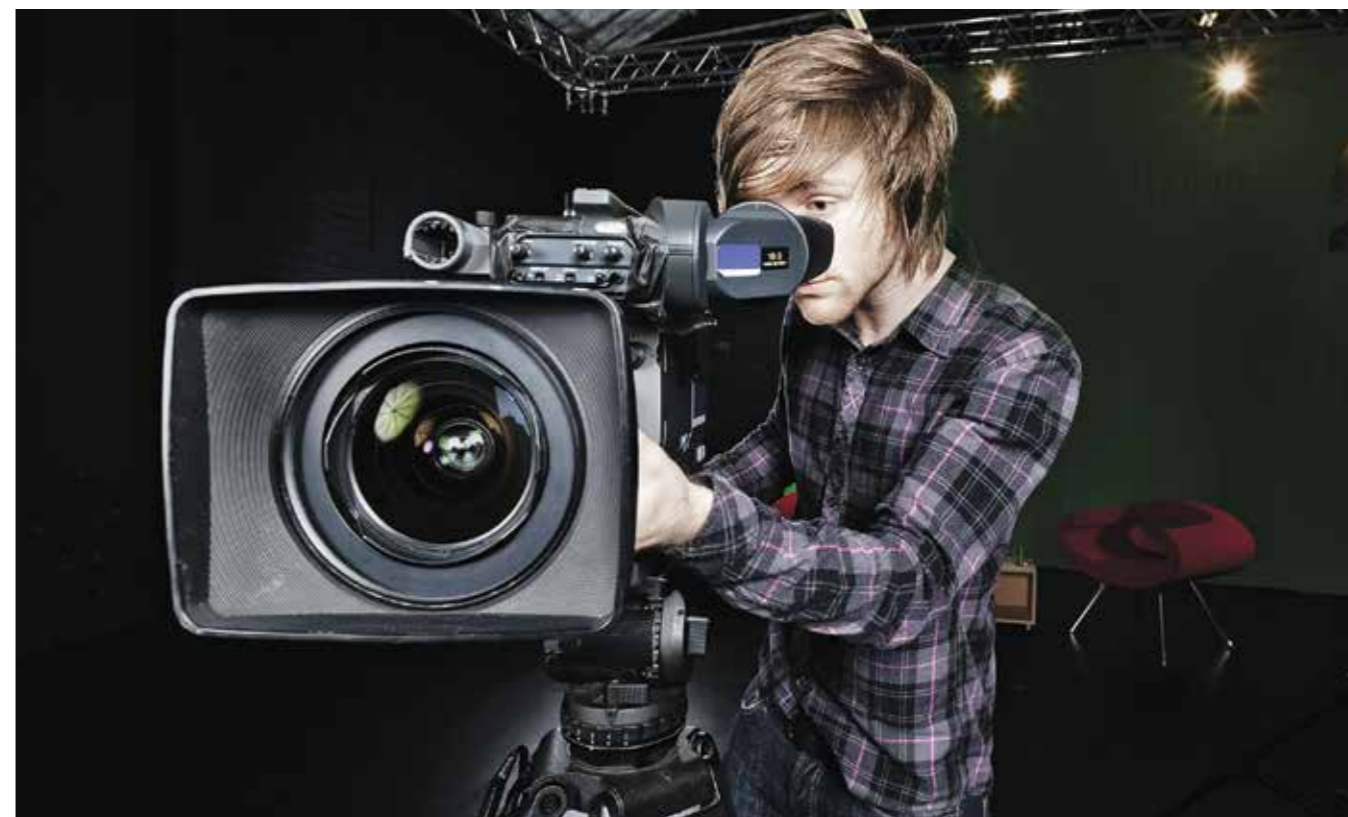
You will have 24-hour access to a study space. We have a phonics lab and multimedia labs, as well as analytical labs. Teaching facilities include a flexible stage theatre, cinema, concert hall, electro-acoustic music studio and audio labs, and the Edwin Morgan writing room.

In addition, The Hunterian, the University's museum and art gallery, houses an enormous collection including coins, books, manuscripts and ethnography, paintings, prints, drawings and sculptures. You'll also benefit from the Hunterian's new state-of-the-art facilities at Kelvin Hall, including research and teaching labs and advanced conservation studios, a digital film archive, dedicated postgraduate study space, a conference suite and library. For more information, see page 9.

Funding and scholarships

A range of scholarships and funding opportunities is available to UK, EU and international students.

For more information see: www.glasgow.ac.uk/arts/graduateschool



Research programmes

We offer the following research degrees:

- PhD (Doctor of Philosophy)
- MLitt (Master of Letters) Research
- MPhil (Master of Philosophy) Research
- MMus (Master of Music) Research
- MRes (Master of Research) Taught and Research
- MTh (Master of Theology) Research
- DPT (Doctor of Practical Theology)
- MFA (Master of Fine Arts) Research
- DFA (Doctor of Fine Arts)

For details of research degrees and how to apply, visit page 25.

Taught programmes

The College of Arts offers a vast range of postgraduate taught programmes, developed and delivered by experts in their field. Our taught degree programmes usually last for one year (full-time). Our programmes provide an opportunity to extend your existing knowledge of a subject, to engage with a new subject area, or to work across subject areas in an interdisciplinary programme.

The majority of taught programmes in the college are titled Master of Letters (MLitt) – this is to distinguish them from the Scottish undergraduate degree, the Master of Arts (MA).

Contact

Mrs Adeline Callander,
Graduate School Administrator

Tel: +44 (0)141 330 6828

Email: gradschool.arts@glasgow.ac.uk

Some of our postgraduate programmes are titled MSc. Irrespective of their designation, all are delivered through a range of structured classroom and seminar activities, led by academic members of staff, many world-leaders in their field. These activities run alongside more independent but supervised (typically one-to-one) learning experiences. All postgraduate students in the college are also allocated an adviser of studies whose remit is pastoral.

Our Masters programmes introduce you to a range of professional skills, equipping you for the challenges of the job market as well as for PhD study. Our Careers Service offers tailored and individual support for our postgraduate students, while our close connection to, and partnerships with, many organisations in the city – including Glasgow Life – provide a range of internship and work placement opportunities.

In addition to our taught programmes, we offer a Master of Research (MRes) in some subject areas. This combines taught courses with a larger independent research component.

For details of how to apply see page 24.

Recognised as a Collection of National Significance to Scotland, The Hunterian, the University's museum and art gallery, provides an inventive platform for postgraduate researchers to share their expert knowledge and to develop their skills through public engagement and knowledge exchange activities.

At the heart of The Hunterian Associates' Programme is the notion that the cutting-edge research being carried out by our postgraduates will connect in exciting and unexpected ways with the University's extensive collections of human and scientific history. Projects can take a wide variety of forms including gallery talks and tours, podcasts focusing on particular artefacts, web-based exhibitions, interpretive performance or installations.

www.glasgow.ac.uk/hunterianassociates

CRITICAL STUDIES

Postgraduate research takes place across our diverse but interrelated subject areas: English and Scottish language and literature, creative writing, and theology and religious studies.

- We explore all aspects of literature in English from the medieval period onwards. Our expertise includes American, Irish and postcolonial literatures.
- We research Scottish literature in Scots and English from the medieval period until the 21st century.
- We offer world-leading expertise in modern English language and linguistics, English historical linguistics, Scots and English in Scotland and medieval English studies.
- Our researchers are building on Glasgow's reputation for excellence in traditional fields such as systematic theology, ecclesiology, church history and biblical studies, as well as redefining the disciplines from inside and outside these fields.
- Drawing talented creative writers from around the world, our creative writing programme provides you with a challenging creative and critical environment in which to produce your best work.
- Our research and teaching are enriched by a varied programme of regular seminars, postgraduate training events, reading groups, and distinguished visiting speakers. We also host many major international conferences, at which you will have the opportunity to present your research.
- The University Library has an outstanding collection of manuscripts and early printed books.
- Our research and travel grant programme may enable you to take your work beyond Glasgow, allowing you to visit libraries, undertake fieldwork and/or deliver papers at conferences.

Postgraduate research programme

There is a range of full- and part-time study options available. Our research programmes include MRes, MPhil (Research), MLitt (Research), MTh (Research), MFA (Research), DFA, PhD and the professional research Doctorate in Practical Theology.

Research interests

- 18th century romanticism
- American literature
- Creative writing
- Historical English language
- Medieval and Renaissance
- Modern English language
- Modernism/modernities
- Religion in Scotland
- Religion, literature and culture
- Religion, conflict and transition
- Robert Burns
- Scots and English in Scotland
- Scottish and Irish literature
- Translation
- Victorian literature.

Our research and travel grant programme enables you to take your work and research beyond Glasgow.

Find potential supervisors

You are welcome to contact individual staff members to discuss a potential research topic before applying:

Visit: www.glasgow.ac.uk/critical/staff
Tel: +44 (0)141 330 7493
Email: critstudies-pgenquiries@glasgow.ac.uk

Entry requirements

For entry requirements and how to apply, see page 25.

Scholarships and fees

For scholarships and fees, see pages 26 – 27.

Creative Writing

MLitt: 12 months full-time; 24 months part-time

MLitt Online Distance Learning: 12 months full-time

As a celebrated creative writing programme, this is perfect for those talented and aspiring writers looking to gain adventurous and needed creative and critical skills. These skills, in turn, create opportunities as a writer and can build successes in literary and cultural fields such as editing, publishing and arts development.

www.gla.ac.uk/1JAGBKN
arts-critstudies-creativewriting@glasgow.ac.uk

Programme structure

This programme is directed at those who are already engaged in writing. Its clear three-part structure, focused on creative, critical and practical issues, distinguishes this programme from the others offered in the UK.

The aims of the programme are:

- to allow you to experiment with a range of voices, techniques and genres alongside a consideration of major creative and editorial engagements from the modern to the contemporary period;
- to develop a critical understanding of diverse creative, theoretic and critical texts;
- to provide a space to undertake extended portfolios of creative and editorial work;
- to familiarise you with the writing context (audience, publishing in all its forms, the legal framework, modes of transmission);
- and, most importantly, to subject you to the discipline of regular writing by providing a stimulating workshop and tutorial environment in which writing skills can be acquired, discussed and honed.

The distance learning programme is the same as the campus version, but with tutorials and workshops conducted online (or by telephone and email in the case of tutorials). You will have the opportunity to participate in sessions with campus-based students.

Your portfolio, consisting of fiction, poetry, creative non-fiction, or script-writing, is at the heart of the summative assessment.

Career prospects

Graduates have gone into writing, journalism, publishing, and many other professions.

Positions held by recent graduates include Managing Director, Freelance Writer, Programme Manager, VP Infrastructure Risk Management, Author, Copywriter, Author and Community Arts Worker.

Why Glasgow

- You will be taught by a number of successful and well-regarded writers, and many of our graduates have gone on to be published and acclaimed authors.
- We have strong links with literary agents and publishers, and an impressive list of published alumni.

English Language & English Linguistics

MSc: 12 months full-time; 24 months part-time

You will combine advanced study in historical and modern aspects of English language and English linguistics. This programme provides career opportunities in research, teaching, publishing and lexicography among others. It is a research training Masters in line with Arts & Humanities Research Council practice and is an accredited part of the training programme of the Economic & Social Research Council Scottish Doctoral Training Centre.

www.gla.ac.uk/1GNUITT
critstudies-pgenquiries@glasgow.ac.uk

Programme structure

You will learn through a combination of lectures, regular supervisions, formative essay writing and attendance at supplementary classes and seminars. Assessment includes a portfolio of essays.

You will undertake a number of core courses in historical and modern English language and English linguistics, including:

- Phonetics and phonology
- Sociolinguistics
- Lexicography, lexicology and semantics
- Discourse analysis and grammar
- English philology
- Dialectology.

You can also take courses on offer in some MLitt programmes in the College of Arts, for example, Medieval & Renaissance Studies, Classics.

You will take courses in research skills and methods.

The second half of the programme is dedicated to your individual dissertation work, under the guidance of two assigned supervisors.

Career prospects

Career opportunities include teaching, publishing, digital analysis, journalism and lexicography. You can take advantage of opportunities to establish or advance your career as a writer or editor, or to work in museums, schools or academia. Other graduates have used their specialist knowledge to gain positions in the media or in business.

Why Glasgow

- You will have access to Glasgow's Special Collections, which has a large collection of medieval and Renaissance manuscripts and early printed books.
- You will also have access to professional standard equipment for the analysis of speech data in the University's Phonetics Lab.

Fantasy

MLitt: 12 months full-time; 24 months part-time

This programme allows you to engage with one of the most vibrant literary genres of the last two centuries – and a major cultural phenomenon of our time.

www.gla.ac.uk/1LfiPs4
critstudies-pgenquiries@glasgow.ac.uk

Programme structure

The programme involves core and optional taught sessions, followed by a period of research and writing over the summer when you will undertake supervised independent work on a special topic of your choice, researching, planning and writing a 15,000 word dissertation.

You will take a research training course which will prepare you both to work on your dissertation and to develop a proposal and funding applications for a PhD, should you choose to pursue research at doctoral level.

You will have the opportunity to meet and learn from visiting scholars, writers and publishers from the UK, Europe and the United States.

The programme is made up of three components:

- Core course: taught over two ten-week teaching periods, from October to December and January to March
- Optional courses: also taught in ten-week blocks. Full-time students usually study one topic course in each semester
- A dissertation: written during the final phase of the course, from April to September.

Core course

Part 1 introduces you to the history of fantasy literature in English and its attendant theories from c1780 to 1950.

Part 2 investigates the history of fantasy literature in English from 1950 to the present.

Optional courses

Examples of possible options include:

- Animation
- Children's literature and literacies: critical enquiry
- Core structures of Scottish culture
- Creative writing fiction workshop (cross-discipline)
- Decadence and the modern
- Magical narratives: imagination, fantasy and the creation of worlds
- Modern everyday
- Neovictorianism.

Career prospects

The critical and analytical skills you develop and the ability to conduct rigorous independent study make this programme an ideal step towards an academic career.

Graduates from English Literature have also gone on to careers in writing, editing, publishing, teaching and the media.

Why Glasgow

- You will be supported by a friendly, internationally acclaimed team of scholars working in all areas of the arts, from literature and comics to film, TV, history of art and modern languages.

Medieval & Renaissance Studies

MLitt: 12 months full-time; 24 months part-time

This programme provides interdisciplinary training in a broad range of subject areas, covering many aspects of medieval and early modern culture. You will receive intensive training in current theories and research methods across disciplines, manuscript studies, palaeography and the medieval or modern languages most relevant to your research interests.

gla.ac/1Lh3Hra
critstudies-pgenquiries@glasgow.ac.uk

Programme structure

In the first teaching period, a team-taught core course will introduce you to a range of approaches, disciplines and research developments in medieval and Renaissance studies. There is a focus on original manuscripts and printed books available in the outstanding collections in the University Library.

In the second part of the programme you can select from a combination of:

- supervised study on a specialist topic with an essay and oral presentation
- a medieval manuscript studies course, including palaeography training
- a specialist research methods course in Renaissance studies, including palaeography training
- one or more language courses.

In the final part of the programme you will research and produce a dissertation on a topic approved by the MLitt convener and the potential supervisor.

Career prospects

The programme provides an excellent preparation for PhD studies and an academic career. It also provides excellent training for museum, school and other related educational and vocational careers.

Positions held by recent graduates include Instructor and Editor, and Postdoctoral Researcher.

Why Glasgow

- You have a wide choice of languages to study which may include medieval Latin, Old English, Old Icelandic, medieval Welsh, Old Irish, Old French and Persian as well as a range of modern languages.
- You can tailor the programme to your own interests and requirements, while gaining an excellent grounding in the technical skills required for advanced postgraduate work.

Modernities: Literature, Theory & Culture

MLitt: 12 months full-time; 24 months part-time

This programme investigates the key texts and concepts that shape our understanding of literature and culture from 1900 to the present. The texts you will study are related to developments in critical theory and other cultural practices such as film, theatre and the visual arts.

gla.ac/1LfIQMQ
critstudies-pgenquiries@glasgow.ac.uk

Programme structure

The programme involves taught sessions plus a period of research and writing over the summer. You will study two core and two optional (special topics) courses, and undertake supervised study of a specialised topic of your choice, researching and writing a 15,000 word dissertation.

You can choose special topic courses from the range of subjects in modern literature, theory and culture; or, with the convener's permission, you may select from any MLitt course offered in the College of Arts.

You will also take the school's graduate training course which will prepare you to work on your dissertation and to put together a proposal and funding application for PhD work, should you choose to pursue doctoral research.

The programme is made up of three components:

- Core courses: taught over two ten-week teaching periods, from October to December and January to March
- Special topic courses: also taught in ten-week blocks. Full-time students usually study one topic course in each semester
- A dissertation: written during the final phase of the course, from April to September.

Part-time students take both core courses and the graduate training course in the first year and two special topic courses and dissertation in their second year of study.

Career prospects

The critical and analytical skills you develop and the ability to conduct rigorous independent study make this programme an ideal step towards an academic career.

Other graduates have gone into careers in writing, editing, teaching and the media.

Positions held by recent graduates include Executive Editor, Freelance Copywriter, Manager, and English Instructor and Lecturer.

Why Glasgow

- Guided by a team of internationally recognised experts, you will investigate the key texts and concepts which shape our understanding of literature and culture across a period of radical change from 1900 to the present.
- You will have access to world-class libraries and museums, as well as the extraordinary diversity of cultural, literary and artistic events that make Glasgow such an enriching place for postgraduate study.

Religion, Literature & Culture

MLitt/MTh: 12 months full-time; 24 months part-time

This programme provides a thorough and cutting-edge exploration of classic and contemporary debates in theology and religious studies, incorporating the latest scholarship in the field.

gla.ac/1JXzUVv
critstudies-pgenquiries@glasgow.ac.uk

Programme structure

The 180 credit programme is comprised of two compulsory 30 credit core courses, two 20 credit optional courses, a compulsory 20 credit research skills course, and a compulsory 60 credit dissertation of 12,000 – 15,000 words.

The 12 month programme structure for full-time students is as follows:

Semester 1:

- Core 1: Reason, Religion and Culture
- Option 1
- Research skills course.

Semester 2:

- Core 2: Reading, Religion, and Culture
- Option 2
- Dissertation (submitted in September).

Theology and Religious Studies has a selection of optional courses available, including:

- Modern Islamic thought
- Muhammad
- Reading theology: hermeneutics and interpretation theory
- Writing theology: creative writing as theological reflection
- Central issues in Christian theology
- Theology in the Catholic tradition
- Foundations of contemporary biblical studies
- Bible, culture and criticism
- Sacred texts and critical theories
- Political theologies
- Religion and violence
- Directed study.

Please contact the Programme Convener for further details about planned taught courses. In order to promote interdisciplinary study, students can elect to take one optional course from any other University of Glasgow Masters programme. The directed study option allows for one-to-one supervision on a topic of personal interest.

Career prospects

As a graduate of this programme, you will be in possession of a variety of subject-specific and transferable skills and graduate attributes which will equip you for a wide range of careers and for further academic study.

Why Glasgow

- You will have the opportunity to gain a comprehensive overview of the field and to develop an area of expertise.
- You will be taught by academics who are currently engaging in and shaping the international debates around the specialisations offered.

Values-based Practice: Faith Communities

MSc: 12 months full-time; 24 months part-time

This programme is intended to develop critical understanding and key skills in reflective practice for those engaged in a variety of roles within faith communities. It also provides the opportunity to engage in focused study of particular areas of emerging significance relevant to your own work and context.

gla.ac/1JXA1QV
critstudies-pgenquiries@glasgow.ac.uk

Programme structure

The full-time version of this programme involves taught sessions over two ten-week teaching periods, plus research and writing over the summer.

In each teaching period you will study a core course in values-based practice and an optional course. A credit-bearing course runs throughout both training periods.

During the final phase of the programme you will undertake supervised study of a specialised topic of your choice, researching and writing a 15,000 word dissertation.

You can choose optional courses from within those designated for the programme and, with the convener's permission, other appropriate Masters level courses offered within the University. The school's graduate training course will prepare you to work on your dissertation and to put together a proposal and funding application for PhD work, should you choose to pursue doctoral research.

The programme is made up of four components:

- Core courses: taught over two ten-week teaching periods, from October to December and January to March.
- Optional courses: also taught in ten-week blocks. Full-time students usually study one topic course in each semester.
- Training course: taught on occasional study days throughout the year.
- A dissertation: written during the final phase of the course, from April to September.

Part-time students take both core courses and the graduate training course in the first year and take two optional courses and write a dissertation in the second year.

Career prospects

Values-based practice is an important emerging theme in the public and voluntary sectors. This programme may be taken by those who are engaged in or preparing for recognised ministry roles within a Christian church.

Why Glasgow

- This is a new programme in an area that is becoming increasingly significant within many spheres of professional and voluntary engagement.
- It is possible to take the whole programme through twilight teaching and occasional one-day events.

Values-based Practice: Health & Social Care

MSc: 12 months full-time; 24 months part-time

This programme aims to develop critical understanding and key skills in values-based practice as they relate to health and social care. It also provides the opportunity for focused reflection on issues of emerging significance within your own sphere of engagement.

gla.ac/1FjeS2d
critstudies-pgenquiries@glasgow.ac.uk

Programme structure

The full-time version of this programme involves taught sessions over two ten-week teaching periods, plus research and writing over the summer. In each teaching period you will study a core course in values-based practice and an optional course. A credit-bearing training course runs throughout both training periods. During the final phase of the programme you will undertake supervised study of a specialised topic of your choice, researching and writing a 15,000 word dissertation.

You can choose optional courses from within those designated for the programme and, with the convener's permission, other appropriate Masters level courses offered within the University. The school's graduate training course will prepare you to work on your dissertation and to put together a proposal and funding application for PhD work, should you choose to pursue doctoral research.

The programme is made up of four components:

- Core courses: taught over two ten-week teaching periods, from October to December and January to March.
- Optional courses: also taught in ten-week blocks. Full-time students usually study one topic course in each semester.
- Training course: taught on occasional study days throughout the year.
- A dissertation: written during the final phase of the course, from April to September.

Part-time students take both core courses and the graduate training course in the first year and take two optional courses and write a dissertation in the second year.

Career prospects

Values-based practice is an important emerging theme in health and social care. This programme may be taken by those anticipating a career within these fields in the public or voluntary sector. It will be particularly useful as a form of professional development for practitioners in these fields who wish to develop their personal reflective skills.

Why Glasgow

- This is a new programme in an area that is becoming increasingly significant within many spheres of professional and voluntary engagement.
- It is possible to take the whole programme through twilight teaching and occasional one-day events.

Values-based Practice: Peacebuilding

MSc: 12 months full-time; 24 months part-time

This programme is intended to develop understanding and skills pertaining to the issue of peacebuilding and reconciliation. It will include courses that focus on global issues surrounding religion and violence as well as study of community conflict in the Scottish context.

gla.ac/1lPySsr
critstudies-pgenquiries@glasgow.ac.uk

Programme structure

The full-time version of this programme involves taught sessions over two ten-week teaching periods, plus research and writing over the summer. In each teaching period you will study a core course in values-based practice and an optional course. A credit-bearing training course runs throughout both training periods. During the final phase of the programme you will undertake supervised study of a specialised topic of your choice, researching and writing a 15,000 word dissertation.

You can choose optional courses from within those designated for the programme and, with the convener's permission, other appropriate Masters level courses offered within the University. The school's graduate training course will prepare you to work on your dissertation and to put together a proposal and funding application for PhD work, should you choose to pursue doctoral research.

The programme is made up of four components:

- Core courses: taught over two ten-week teaching periods, from October to December and January to March.
- Optional courses: also taught in ten-week blocks. Full-time students usually study one topic course in each semester.
- Training course: taught on occasional study days throughout the year.
- A dissertation: written during the final phase of the course, from April to September.

Part-time students take both core courses and the graduate training course in the first year and take two optional courses and write a dissertation in the second year.

Career prospects

Understanding the interplay between communal identities, religion and conflict whilst simultaneously developing skills relating to peacebuilding and conflict resolution will provide a strong foundation for career prospects in areas such as community development, social work and the public sector.

Why Glasgow

- This is a new programme in an area that is becoming increasingly significant within many spheres of professional and voluntary engagement.
- It is possible to take the whole programme through twilight teaching and occasional one-day events.

Victorian Literature

MLitt: 12 months full-time; 24 months part-time

This programme welcomes students to a lively intellectual and cultural scene. You will study with a group of world-class Victorianists whose expertise ranges across many aspects of literature and culture, and you'll be able to draw on the extraordinary resources of Glasgow's museums and libraries.

gla.ac/1DqkzH9

critstudies-pgenquiries@glasgow.ac.uk

Programme structure

The programme involves taught sessions over two ten-week teaching periods, plus a period of research and writing over the summer. You will study core and optional courses, and undertake supervised study of a specialised topic of your choice, researching and writing a 15,000 word dissertation.

You can choose optional courses from the range of Victorianist subjects; or, with the convener's permission, you may select from any MLitt course offered in the College of Arts.

Alongside the core and optional courses, you will take a research training course which will prepare you to work on your dissertation and to put together a proposal and funding application for PhD work, should you choose to pursue doctoral research.

You will have the opportunity to meet and learn from visiting scholars from the UK, Europe and the United States. In recent years, Victorianist visitors have included John Bowen, Matthew Campbell, Kate Flint, Ann Heilmann, Antonija Primorac, Herbert Tucker and Julian Wolfreys.

The programme is made up of three components:

- Core courses: taught over two ten-week teaching periods, from October to December and January to March.
- Optional courses: also taught in ten-week blocks. Full-time students usually study one topic course in each semester.
- A dissertation: written during the final phase of the course, from April to September.

Career prospects

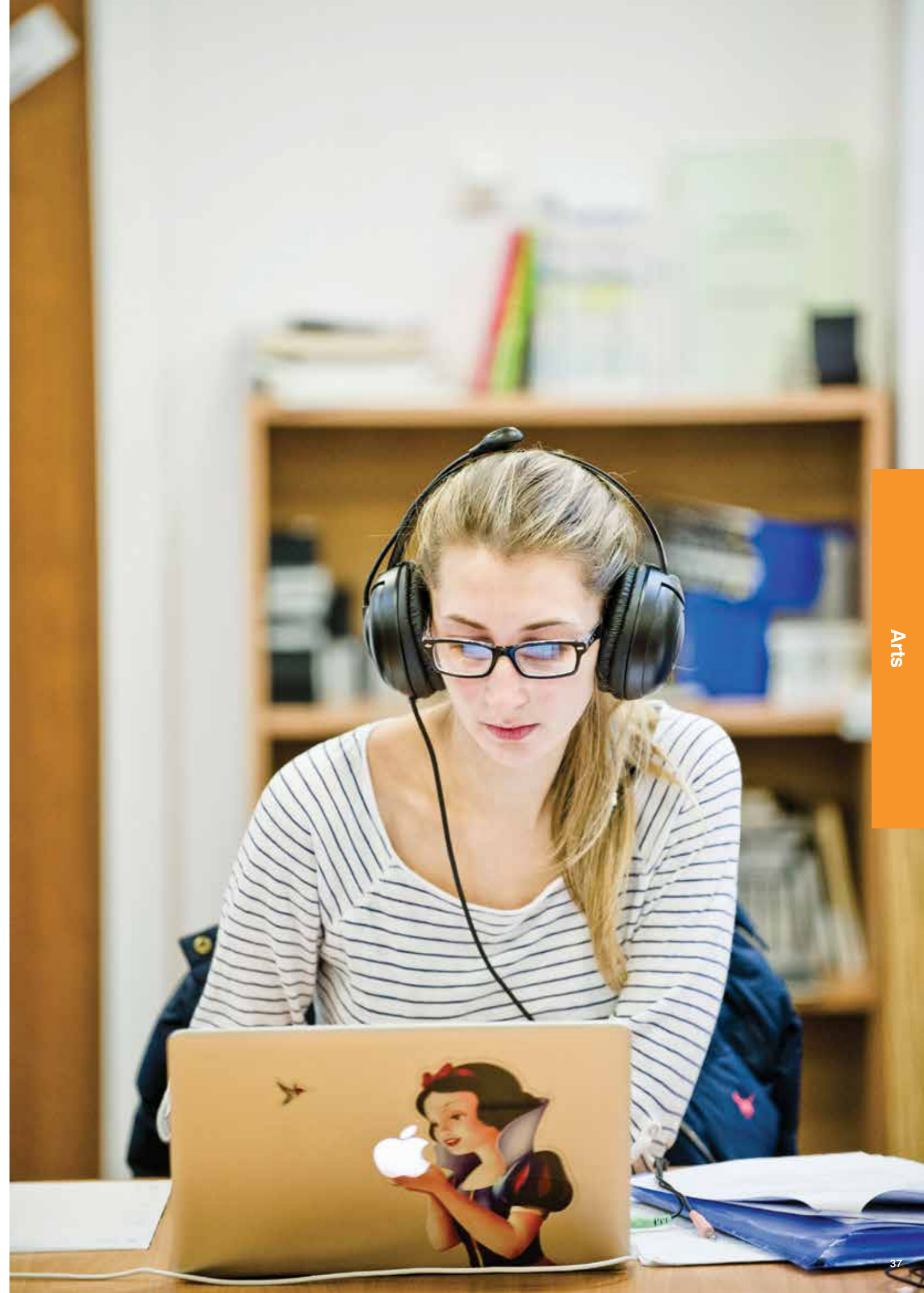
You may develop skills sought by many employers, including the ability to find, select and manage large quantities of information; confident and persuasive oral and written communication; and problem solving through creative and critical thinking. The programme also provides an excellent platform for PhD studies.

Why Glasgow

- Our library has outstanding holdings in Victorian primary and critical sources, and Glasgow has a wonderful Victorian heritage: this makes the city a fantastic place to be studying the period's literature and culture.
- We have an international reputation for research and teaching in Victorian literature.

'Scotland is a beautiful country with a rich artistic culture, and Glasgow is an excellent representation of this. Music, art, literature, and history are all within easy reach, and the people themselves are lovely. My advice for new students coming to Glasgow is don't stay at home—see the city and the countryside. Go for walks. Take the train. Find others to explore with, as there's too much out there to miss.'

Quinn, USA
Creative Writing (MLitt) student



CULTURE & CREATIVE ARTS

We are a leading research school, excelling in critical, historical and practice-based studies in art history, music, theatre, film and television.

- We are the UK's leading centre for the study of art history, with expertise in all major European art historical periods. Our Institute of Art History offers a lecture series delivered by leading historians, conservators and visiting academics. Other facilities include our Centre for Textile Conservation & Technical Art History, History of Art Resource Centre and the University's own museum and art gallery, The Hunterian. You will also have access to new state-of-the-art facilities at Kelvin Hall, from research and teaching labs to a digital film archive. See page 9 for more information.
- Based in the UK's first UNESCO City of Music, you can learn from award-winning professional musicians and music scholars, while researching, performing, composing and exploring musical technology. We have seminar and soundproof practice rooms, an audio workstation lab, electro-acoustic studios and the University's concert hall. There are ensemble workshop and performance opportunities through the Royal Scottish National Orchestra and other groups.
- You will have access to specialist resources and facilities including the James Arnott Theatre, a performance studio, an independent learning resources room, and our Scottish Theatre Archive. Glasgow is home to many theatres, touring companies, film venues and creative organisations and we have links with the National Theatre of Scotland, Playwrights' Studio Scotland and the V&A Museum.
- Our University is home to the international journal *Screen* and hosts the annual *Screen* conference, attracting leading names in film and television studies. Throughout the year there are other opportunities to engage with guest speakers from media industries. You will also have access to video editing resources, a cinema, a theatre, and a fully equipped performance studio, along with an extensive video library of more than 6,000 items.
- The University's Centre for Cultural Policy Research is internationally connected in the academic world and has excellent relationships with policymakers, cultural agencies and the media and communications industries.

Postgraduate research programme

There is a range of full- and part-time study options available. Our research programmes include MRes, MPhil, MLitt, MMus and PhD.

Research interests

- Art history:** European art historical periods, particularly medieval, Renaissance, 17th, 18th and 19th centuries; modernist studies, particularly Dada, Surrealism and German art; Chinese art and culture; the development and application of art theory, particularly gender and post-1945; collecting practices, collections and museums; technical art history; dress textile history; textile conservation.
- Music:** composition and sonic arts; historical and cultural musicology, particularly modernity in musical culture; performance and performance studies; popular music studies; Scottish music and musicians.
- Theatre, film and television:** contemporary performance practice; Scottish theatre and drama; British, German, Irish and French theatre and drama; theatre history and historiography; Elizabethan and Jacobean, Romantic, 18th and 19th century theatre and drama; postcolonial and intercultural studies; practice-led research; stage adaptations; queer performance; theatre and environment; television and film theories; histories and aesthetics; film philosophy; postcolonial theory and criticism; cinema, the nation and transnationalism; world cinemas; amateur cinema; television and cinema audiences; sound and the moving image; film festivals; children's film and television.

- Media and cultural policy:** arts policy; audiences; children's media; cultural, creative and media industries; cultural intermediaries; digital convergence; journalism; media regulation and cultural policy; film; funding and distribution; media and communications; media and sport; media, cultural and national identities; media management and media economics; production studies.

Find potential supervisors

You are welcome to contact individual staff members to discuss a potential research topic before applying:

Visit: www.glasgow.ac.uk/cca/staff
Tel: +44 (0)141 330 2892
Email: sccaenquiries@glasgow.ac.uk

Entry requirements

For entry requirements and how to apply, see page 25.

Scholarships and fees

For scholarships and fees, see pages 26 – 27.

Specialist resources in the school include the Hunterian Museum and Gallery, the James Arnott Theatre, performance studio, cinema and video library.

HISTORY OF ART

Art & Architecture from Antiquity to the Middle Ages & Renaissance

MLitt: 12 months full-time
PgDip: 9 months full-time

This Masters in Art & Architecture from Antiquity to the Middle Ages & Renaissance aims to stimulate your critical awareness, engendering a creative and informed understanding of art-world practice. You will be introduced to museum and auction house systems for classifying objects and study different models of museum and gallery display.

www.gla.ac/1R8pJOJ
admissions@christies.edu

Programme structure

Core courses

- Core lecture series c3000 BC – AD 1527, which underpins all components of the programme
- UK and international study trips, included in the basic fee
- Object-based study
- Cataloguing to auction house and museum standards.

MLitt components

- Gallery and curatorial studies
- Culture and ideology seminars
- Methodology seminars
- Thesis: your opportunity to create an exhibition on a small group of objects, independently researched and catalogued, using the key academic and professional skills you have learned on the programme.

PgDip components

- Art market, gallery and museum studies
- Research project: you will either make a proposal for an exhibition, choosing the objects to be displayed, or write about a single work of art, placing it in context through your own original research.

Career prospects

This programme will prepare you for a range of careers in the art world, and can also lead to further postgraduate study.

Why Glasgow

- This programme is based at Christie's Education in London.
- You will benefit from the object-based study which is central to our teaching.

Art History: Art: Politics: Transgression: 20th-Century Avant-Gardes

MLitt: 12 months full-time;
24 months part-time

This Masters is concerned with outlining and critically evaluating the concept of the 'avant-garde' both theoretically and in terms of its applicability to representative areas of 20th century art. Dealing with art from the early 20th century to the present, you will investigate concepts such as historical avant-garde, neo-avant-garde, and post-avant-garde, paying close attention to the theorists who have elaborated these ideas.

www.gla.ac/1Hz8uUX
david.hopkins@glasgow.ac.uk

Programme structure

Closely focused on the visual and historical specificities of the subject, the core teaching will have you examining the politically oppositional and 'transgressive' impulses of the avant-garde.

You will interpret 'transgression' in the widest sense and in relation to a range of diverse historical contexts, including the anti-art concerns of Dada; the political tensions arising from conflicts between nationalist and internationalist currents in European art of the early 20th century and the Nietzschean Bataille testing of the boundaries of conventional moral positions, particularly regarding sexual identity and the body.

The optional courses available are closely geared to the research interests of our staff. Their content will draw upon current exhibitions and debates.

Core courses

- Research methods in practice
- Theories of the avant-garde
- Readings in Duchamp: anti-art, blasphemy, sexuality
- Art, embodiment, transgression
- Dada in Switzerland and Germany.

Career prospects

Career opportunities include positions in curation, digitisation and research within museums and other cultural and heritage institutions. The programme also provides an excellent platform for you to move on to PhD studies and an academic career.

Why Glasgow

- Glasgow's civic and university collections are some of the richest and most diverse in Europe and are of international standing. You are granted privileged access to the extensive collections in our own Hunterian Museum and Art Gallery.
- You have the opportunity to take part in a project-based work placement, where you can explore a possible future career while meeting professional practitioners and developing your skills and experience.

Art History: Dress & Textile Histories

MLitt: 12 months full-time;
24 months part-time

The Masters in Dress & Textile Histories provides you with the skills to research and interpret the history of dress and textiles.

www.gla.ac/1Gpl4Hw
sally.tuckett@glasgow.ac.uk

Programme structure

The taught component consists of five core courses and one optional course running over two semesters. This is followed by a period of supervised research and writing of the dissertation which is submitted at the end of August. The dissertation gives you the opportunity to identify a specific area of interest and formulate a research project based on in-depth critical investigation.

A number of study visits are built into the programme, introducing important local collections. You will also undertake a four-day study trip to see relevant collections in another UK city.

Teaching is delivered by a combination of in-house specialist and visiting scholars and experts. The lectures are enhanced by seminar discussions, some based in museums and galleries, giving you the opportunity to present your ideas and discuss them with classmates in a supportive yet challenging environment.

Core courses

Semester 1

- Framing dress and textile histories
- Research methods in practice plus one of the following:
- The birth of modern fashion? Textiles and dress, 1680 – 1815
- Understanding textiles.

Semester 2

- Museums and the making of dress and textile histories plus one of the following:
- Victorian visions: dress and textiles c1837 – 1901
- Material cultures.

Career prospects

The attributes you gain will be attractive to employers from museums, the heritage sector, art dealers and auction houses. You could also get into theatre, film and television production as a costume researcher/designer. The programme also offers an excellent foundation upon which to progress to PhD studies and an academic career.

Why Glasgow

- The programme provides you with a unique opportunity within the UK to study historic dress and textiles, enabling you to develop knowledge and understanding of theory and practice in dress and textile histories in a critical and/or historical context.
- You will have privileged access to primary source material, objects and archives, including at the University of Glasgow's Hunterian Museum and Art Gallery and Glasgow Museums.

Art History: Technical Art History, Making & Meaning

MLitt: 12 months full-time;
24 months part-time

This Masters programme focuses on the act of making and everything that entails. We study studio practices from a variety of disciplines, their materials and techniques, and also intentions and concept.

gla.ac/1yVD61e
erma.hermens@glasgow.ac.uk

Programme structure

Drawing upon the expertise of an interdisciplinary team, the programme will include taught and research components as well as practical workshops and work placements.

This MLitt develops your skills in object-based research, as well as examining the authenticity, attribution and dating of art works – and their change and survival. You do not need any background in science or conservation. We will provide you with the right tools to understand what science can deliver, what conservators can do, and what role you can play in this truly interdisciplinary field.

You will take five core courses and one optional course. This is followed by a period of self-study towards a dissertation on a topic chosen by you with the approval of your supervisor.

Core courses

- Research methods in practice
- Art in the making: historical techniques
- Art in the making: modern and avant-garde techniques
- The authentic art work
- Testimonies on painters practice: documentary and visual sources.

Optional courses

You may choose from the following options:

- Work placement
- Independent study.

Career prospects

Career opportunities include curatorial positions in museums and galleries, working with collections within cultural heritage organisations, or in the commercial environment of auction houses performing object-based research including technical investigation. The programme will also prepare you for a further postgraduate education in conservation or academic research.

Why Glasgow

- You will be able to work with objects and benefit from staff contacts including those with the City Collections, the University's Hunterian Museum & Art Gallery, the National Museums and the National Galleries of Scotland, National Trust for Scotland, and Historic Environment Scotland.
- You will take a study trip to Amsterdam or Munich, visiting major museums and their conservation studios and research labs as well as research institutions working in the field of technical art history.

Art History: The Renaissance in Northern Europe & Italy

MLitt: 12 months full-time; 24 months part-time

This programme explores the richness and complexity of artistic invention from the late 13th to the 17th centuries. You will have the opportunity for deep engagement with art-making both in Italy and northern Europe (France, Germany, Low Countries, England and Scotland) and be encouraged to challenge orthodoxies about the influence of one upon the other.

gla.ac/1QqMks8
debra.strickland@glasgow.ac.uk

Programme structure

The programme is comprised of a core course designed to give you an overview of methods and approaches, as well as seminar opportunities to engage directly with original works of art; and optional courses, enabling you to create your own Masters programme.

It also allows you to work in an interdisciplinary capacity, selecting courses from across the College of Arts, according to personal interests. Language and Renaissance palaeography study are among the optional courses available.

Core teaching and research training are delivered during the first semester. Optional courses may be taken during the first and second semesters, followed by dissertation research. The dissertation provides an opportunity for you to identify an area of interest and to create a research project that allows in-depth critical exploration of it.

Core courses

- Defining the Renaissance: Objects, theories, categories.

Optional courses

- Death and the art of dying in the Renaissance north
- Masters of the Venetian Renaissance: Titian, Tintoretto, Veronese
- From Gothic to Renaissance in Northern Europe
- The Renaissance palace as portrait
- Work placement.

Career prospects

Object-based study sessions and field trips will introduce you to professionals working in museums and the heritage industry and you will have the opportunity to gain further experience of these sectors through a work placement (for example, with the Hunterian Art Gallery or Glasgow Life). The dissertation will foster essential independent research skills and prepare you for doctoral research should you wish to pursue an academic career.

Why Glasgow

- You will learn from world-leading researchers and develop expert knowledge in this specialised area within History of Art.
- Glasgow's civic and university collections are some of the richest and most diverse in Europe and are of international standing.

Art, Law & Business

MSc: 15 months full-time

This Masters in Art, Law & Business is designed to explore the relationship between all three disciplines and to critically evaluate the processes and outcomes of this interaction. It will explore the specificity and dynamics of the art market(s) within the current international economy.

gla.ac/1134e0v
ggasparini@christies.edu

Programme structure

The programme comprises three main strands:

1. Art: taught through a lectures and seminars, supported by visits, leading to summative assessment by seminar presentations, essays and examination.
2. Law: taught in lectures, case studies and seminars leading to summative examination.
3. Business: taught through lectures, visits, case studies, projects and seminars leading to course work in the form of reports, summative examination and a dissertation.

Career prospects

Your career opportunities will be found in the auction world in the first instance, but can range to the full extent of commercial services associated with the art world: auctioneer; dealer; art insurance; art legal advisory; commercial gallery; museum support. You will also be qualified to go on to further research at PhD level in Business or Law or the History of Art.

Why Glasgow

- This intensive programme is designed for a small group of highly motivated students wishing to fast-track into the art world as professionals.
- It offers a unique combination of the study of Law and Business with Art and is taught at Christie's Education London, part of Christie's Auction House, which is an affiliated institute of the University of Glasgow.

Arts of China

MLitt: 12 months full-time
PgDip: 9 months full-time

The Masters in Arts of China aims to stimulate your critical awareness, engendering a creative and informed understanding of art-world practice. You will be introduced to museum and auction house systems for classifying objects and study different models of museum and gallery display.

gla.ac/1JTugFw
admissions@christies.edu

Programme structure

Courses

- Core lecture series Chinese Art 1700 BC – AD 1799, which underpins all components of the programme
- Study trips, including a trip to China, included in the basic fee
- Object-based study
- Cataloguing to auction house and museum standards.

MLitt components:

- Gallery and curatorial studies
- Culture and ideology seminars
- Methodology seminars
- Thesis: your opportunity to create an exhibition on a small group of objects, independently researched and catalogued.

PgDip components:

- Art market, gallery and museum studies
- Research project: you will either make a proposal for an exhibition, choosing the objects to be displayed, or write about a single work of art, placing it in context through your own original research.

Career prospects

This programme will prepare you for a range of careers in the art world, and can also lead to further postgraduate study.

Why Glasgow

- This programme is based at Christie's Education in London.
- You will benefit from the object-based study which is central to our teaching.

Curatorial Practice (Contemporary Art)

MLitt: 12 months full-time

This programme is aimed at graduates wishing to develop a curatorial career within the field of contemporary visual arts. It enables you to pursue independent and self-directed working, and to lay the practical, intellectual and professional foundations for working in future curatorial roles or contexts.

gla.ac/1OjXi46
lesley.young@glasgow.ac.uk
m.laiseca@gsa.ac.uk

Programme structure

The programme will provide you with access to highly regarded and experienced professional curators and practitioners, and enable you to acquire key skill sets and attributes as well as forge the peer networks that are vital to the profession at all levels.

Core courses

- Curatorial practice 1 and 2
- Research methods in practice.

In addition, you will produce a dissertation or Masters project in curatorial practice during the summer.

Optional course

In the second semester, you will undertake an optional course, choosing from a range offered across the subject areas within the School of Culture & Creative Arts at the University of Glasgow or elective courses offered by the Glasgow School of Art.

Career prospects

The programme will develop your knowledge and expertise in the field of contemporary curatorial practice, and you will acquire a core body of skills and attributes that are attractive to employers, including critical enquiry, research capacity, project-planning, project administration, budgeting, practical problem solving and professional working.

Why Glasgow

- The programme is run in conjunction with the School of Fine Art at the Glasgow School of Art, which is internationally recognised as one of Europe's foremost art schools for teaching and research in fine art, design and architecture.
- It benefits from a series of day-long workshops clustered around particular subject areas, practical approaches or critical topics, and it includes contributions from a range of experienced practitioners.

Fine & Decorative Art: From the Renaissance to Modern

MLitt: 12 months full-time
PgDip: 9 months full-time

This programme aims to stimulate your critical awareness, engendering a creative and informed understanding of art-world practice. You will be introduced to museum and auction house systems for classifying objects and study different models of museum and gallery display.

gla.ac/1R8quHo
admissions@christies.edu

Programme structure

- Core lecture series c1450 – c1960, which underpins all components of the programme
- UK and international study trips, included in the basic fee
- Object-based study
- Cataloguing to auction house and museum standards.

MLitt components

- Gallery and curatorial studies
- Culture and ideology seminars
- Methodology seminars
- Thesis: your opportunity to create an exhibition on a small group of objects, independently researched and catalogued, using the key academic and professional skills you have learned on the programme.

PgDip components

- Art market, gallery and museum studies
- Research project: you will either make a proposal for an exhibition, choosing the objects to be displayed, or write about a single work of art, placing it in context through your own original research.

Career prospects

This programme will prepare you for a range of careers in the art world, and can also lead to further postgraduate study.

Why Glasgow

- This programme is based at Christie's Education in London.
- You will benefit from the object-based study which is central to our teaching.

Modern & Contemporary Art

MLitt: 12 months full-time
PgDip: 9 months full-time

This Masters in Modern & Contemporary Art aims to stimulate your critical awareness, engendering a creative and informed understanding of art-world practice. You will be introduced to museum and auction house systems for classifying objects and study different models of museum and gallery display.

gla.ac/1GeB8X5
admissions@christies.edu

Programme structure

- Core lecture series: Modern, anti-Modern, post-Modern, which underpins all components of the programme
- UK and international study trips, included in the basic fee
- Object-based study
- Cataloguing to auction house and museum standards.

MLitt components

- Gallery and curatorial studies
- Culture and ideology seminars
- Methodology seminars
- Thesis: your opportunity to create an exhibition on a small group of objects, independently researched and catalogued, using the key academic and professional skills you have learned on the programme.

PgDip components

- Art market, gallery and museum studies
- Art history seminars
- Research project: you will select and source a stimulating group of works for exhibition, design a display for a specific venue and produce strategies for the marketing, interpretation and financial aspects of the project.

Career prospects

This programme will prepare you for a range of careers in the art world, and can also lead to further postgraduate study.

Why Glasgow

- This programme is based at Christie's Education in London.
- You will benefit from the object-based study which is central to our teaching.

Provenance & Collecting Studies in a Global Context

MLitt: 12 months full-time;
24 months part-time

This programme is subject to approval

This programme is designed to promote interdisciplinary study of the history of collecting and collections from a global perspective. This will include core issues and methodological approaches, such as provenance, connoisseurship, taste, and the politics of display, as well as considerations of patterns of collecting, viewing and transition from private to public (or public to private). It will emphasise objects and their trajectories through time and place, including such sensitive issues as illegal trafficking and restitution.

gla.ac/1f4OzmW
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christa.roodt@glasgow.ac.uk

Programme structure

You will take four core courses and two optional courses and complete a dissertation on a chosen topic. You will also have the opportunity to take part in study trips to relevant art collections and sites.

Core courses

- Cultures of Collecting
- Methodologies 1: Object biographies
- Methodologies 2: Collecting and display
- Objects in motion 1: Provenance.

Optional courses

- Objects in motion 2: Antiquities trafficking
- Objects in motion 3: Restitution.

The following courses will also be available as online options:

- Art crime
- Cultural property recovery.

Or you may choose from a work placement, independent study and other relevant courses in the College of Arts.

Career prospects

This programme is intended to provide you with a strong foundation from which to embark upon a career in the visual arts, the art market, museums and galleries, heritage and related cultural fields. The connection of the programme with external institutions and specialists is designed to bring students into direct contact with those engaged professionally in collections-related work.

Why Glasgow

- Teaching will be based at the Collections Study Centre at Kelvin Hall, a new facility bringing together state-of-the-art teaching facilities with the University's Hunterian and Glasgow Museums' history, archaeological, ethnographic and design collections.
- Glasgow has academic expertise in provenance research and the study of the trade in and acquisition of cultural artefacts as a global phenomenon, combining art historical, anthropological and legal perspectives.

Textile Conservation

MPhil: 24 months full-time;
48 months part-time

Textile Conservation is a multidisciplinary subject which combines academic knowledge with cultural awareness, aesthetic sensitivity and technical skill. This MPhil is both an academic programme and professional training; it will give you a framework of theoretical knowledge and a range of practical experience.

gla.ac/1JCS7S
frances.lennard@glasgow.ac.uk

Programme structure

You will take core courses over two semesters in each year, with a work placement in the summer between the first and second years. You will write up your dissertation over the second summer and submit it at the end of August.

Core courses

Year 1

- Research methods in practice
- Principles and practice: core skills and ethics
- Understanding textiles: technology
- Principles and practice: developing skills
- Preventive conservation
- Material cultures
- Placement.

Year 2

- Principles and practice: advanced skills
- Conservation in practice
- Deconstructing the artefact
- Principles and practice: conservation projects
- Professional development
- Research management
- Dissertation.

Career prospects

The programme is at career-entry level and graduates are qualified to go on to a post-training internship or directly into the workplace as a textile conservator in a museum or other institution around the world, as well as to undertake further study at PhD level.

MPhil graduates have been awarded Mellon Fellowships at Denver Art Museum and the National Museum of the American Indian, Smithsonian Institution, in the USA, while others now work for National Museums Scotland and Historic Royal Palaces.

Why Glasgow

- If you are looking to enter a career in textile conservation practice in a museum or other institution, or to pursue doctoral-level research in this field, this programme is designed for you.
- You will take part in a project-based work placement, where you can explore a possible future career while meeting professional practitioners and developing your skills and experience.

MUSIC

Composition

PgDip: 12 months full-time;
24 months part-time
PgCert: 12 months full-time;
24 months part-time

This programme has been designed to meet the needs of professional composers and musicians. You will develop practice-based skills in music and gain a thorough knowledge of contemporary contexts for compositional activity. You will develop a composition portfolio, accompanied by critical reflection on the compositional process in the form of a critical commentary. Your supervisor will be one of our team of successful, experienced composers, who engage with a range of technical approaches reflecting a wide variety of contemporary styles. Applicants should have experience of composing music.

gla.ac/1DXcGeL
william.sweeney@glasgow.ac.uk

Programme structure

You will work with tutors on your composition portfolio(s) and attend research seminars and workshops.

- The PgDip consists of two composition portfolios, each consisting of 15 minutes of music accompanied by a critical commentary of up to 2,000 words. You will also be introduced to the compositional process at postgraduate level, meeting regularly with supervisors
- The PgCert consists of a composition portfolio of 15 minutes of music accompanied by a critical commentary of up to 2,000 words.

Career prospects

Our degree programmes open up opportunities to access or advance careers in the creative industries, whether working as a professional composer or musician, in the music industry for a record company, management company or promoter, or in the media industry. Some graduates have combined their degrees with other studies to pursue careers in areas such as law and education.

Why Glasgow

- You will benefit from access to our facilities including seminar and practice rooms, a small library, two audio labs and an electroacoustic music studio, and the University's concert hall and attached studios.
- The city of Glasgow has a vibrant and exciting music scene: the UK's first UNESCO City of Music.

Historically Informed Performance Practice (in conjunction with the Royal Conservatoire of Scotland)

MMus: 12 months full-time;
24 months part-time

This Masters will provide you with opportunities to develop insight and experience in historical performance practice of music. The MMus, taught jointly with the Royal Conservatoire of Scotland (formerly RSAMD), combines vocal or instrumental study with performance-related academic research and an element of apprenticeship with professional ensembles.

gla.ac/1Kc4Gj0
john.butt@glasgow.ac.uk

Programme structure

Two routes are available: one weighted towards performance, the other towards musicalological enquiry.

Core courses include

- Two series of seminars in historically informed performance practice
- Practical presentation
- Practical portfolio
- Dissertation
- Assessed performance recital.

You will have the opportunity to undertake workshops, rehearsals and potentially performances in collaboration with leading ensembles such as the Dunedin Consort and Concerto Caledonia; as a UNESCO City of Music, Glasgow offers enormous opportunities to become involved with music making at a professional level. There is ample opportunity for ensemble playing, leading to the development of valuable musical teamworking and interpersonal skills.

Career prospects

Our degree programmes open up opportunities to access or advance careers in the creative industries, whether working as a professional composer or musician, in the music industry for a record company, management company or promoter, or in the media industry. Some graduates have combined their degrees with other studies to pursue careers in areas such as law and education.

Why Glasgow

- We offer the unique opportunity to study alongside world-class performer-scholars, and to work within both the University and the Conservatoire environment.
- The UK's first UNESCO City of Music, Glasgow is home to the BBC Scottish Symphony Orchestra, Royal Scottish National Orchestra, Scottish Opera and National Theatre of Scotland.

Musicology

PgDip: 12 months full-time;
24 months part-time

This programme provides you with intensive exposure to the contemporary field of musicology and develops your skills in musicology through a mixture of classroom-based seminars and involvement in specialist research projects. You should have experience of music analysis and writing about music.

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david.code@glasgow.ac.uk

Programme structure

Core courses

- Musicology
- Two research seminars, including presentations to be written up as essays.

If you are studying for the PgDip you will also complete a Musicology dissertation.

Career prospects

Our degree programmes open up opportunities to access or advance careers in the creative industries, whether working as a professional composer or musician, in the music industry for a record company, management company or promoter, or in the media industry. Some graduates have combined their degrees with other studies to pursue careers in areas such as law and education.

Why Glasgow

- This programme has been especially designed to meet the needs of music graduates who wish to develop research and critical skills in musicology.
- You will benefit from access to our facilities including seminar and practice rooms, a small library, two audio labs and an electroacoustic music studio, and the University's concert hall and attached studios.

Popular Music

MLitt: 12 months full-time; 24 months part-time

There are three MLitt Popular Music programmes offered: Creative Practice (Popular Music Studies), Music Industries (Popular Music Studies), and Popular Music. They are the first postgraduate degrees in popular music in Scotland.

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Programme structure

The Popular Music Studies programme aims to introduce and develop a critical understanding of the academic study of Popular Music at postgraduate level.

As a relatively new area of academic enquiry, Popular Music Studies draws upon a range of academic disciplines including Sociology, Cultural Studies, Musicology and Literary Studies. It is inherently multidisciplinary and a range of academic approaches will be adopted throughout the programme. This will provide you with the knowledge and skills necessary to critically evaluate the role of Popular Music in contemporary society.

The Music Industries programme includes a placement which has been designed for those seeking a career in the creative industries, and more specifically, the music industries including record companies, management companies and promoters. This programme is unique in the UK, offering the only postgraduate placement involving a tailored research project within a music industries organisation. You will spend part of semester two on placement with one of a number of music industries employers.

Career prospects

The programmes all open up opportunities to enter and develop your career or business in the music industries, as well as in related creative areas like the games industry.

Graduates have combined the degree with other studies to pursue careers in areas such as law and education.

Positions held by recent graduates include Lecturer in Commercial Music, and Editor.

Why Glasgow

- These programmes are multidisciplinary: we employ a variety of academic approaches and draw upon the University's expertise in a range of disciplines including sociology, cultural studies, musicology and literary studies.
- You will be studying in the city of Glasgow with its vibrant and exciting music scene – the UK's first UNESCO city of music. There is access to a range of theorists and practitioners from within both academia and the music industries.

Sonic Arts

MMus: 12 months full-time; 24 months part-time

PgDip: 12 months full-time; 24 months part-time

PgCert: 12 months full-time; 24 months part-time

The Masters in Sonic Arts provides advanced training in creative practice with sound and audiovisual technologies. The programme offers topics relevant to practising musicians, artists, and the creative industries, such as sound shaping and design, audiovisual composition, field recording, and creative and experimental approaches to technology.

gla.ac/1d8lmWR
nick.fells@glasgow.ac.uk

Programme structure

You will study core and optional courses, and for the MMus you will produce an individual creative portfolio over the summer.

Teaching methods include small group tutorials, seminars and workshops, lab and studio sessions, and individual guidance meetings.

The PgDip comprises 120 credits. You will produce two 15-minute creative portfolios each with a critical commentary of 2,000 words, under the guidance of a member of academic staff; you will also attend research seminars and workshops.

The Postgraduate Certificate comprises 60 credits. You will produce a 15-minute creative portfolio with a critical commentary of 2,000 words, under the guidance of a member of academic staff; they also attend research seminars and workshops.

Career prospects

The attributes you gain will be attractive to employers from the creative industries, and are particularly relevant for contemporary music, sound design and sound production, games, theatre, film and television. Many of our graduates undertake successful portfolio careers as artists and sound practitioners in their own right. The programme also offers an excellent foundation upon which to progress to PhD studies and an academic career.

Why Glasgow

- We are Scotland's leading research centre in Music, with a mutually supportive community of scholars and practitioners.
- Glasgow offers a huge range of venues, including the Old Hairdressers, Tramway, Mono, SWG3, and City Halls, all of which have hosted our students' work.

THEATRE, FILM & TELEVISION STUDIES

Creative Industries & Cultural Policy

MSc: 12 months full-time

This programme provides an interdisciplinary grounding in the key economic, cultural and policy forces shaping the development of the creative industries at global, national and local levels. Theoretical and analytical depth is coupled with an emphasis on the realities of contemporary cultural production, in order to deliver both a rigorous academic experience and a foundation for a career in the sector.

gla.ac/1lvoubN
melanie.selfe@glasgow.ac.uk

Programme structure

Semesters 1 and 2 (September to April) comprise a taught course delivered primarily within the Centre for Culture Policy Research, a dedicated and well-resourced postgraduate teaching and research centre. Core courses focused on key sector management skills are provided by the Adam Smith Business School, and in semester 2 you can select options from the Business School, the School of Law or the School of Culture & Creative Arts.

You will undertake academic research essays and report writing tailored to an industry brief, ensuring you develop a range of writing skills relevant to both academic and professional contexts. In the summer period, you will complete a research dissertation.

Core courses

- Creative industries and cultural policy
- Contemporary cultural production
- Managing innovation and creativity
- Project management
- Research methods 1 and 2.

Optional courses may include:

- Business finance
- Digital transformation
- Processes of entrepreneurship and innovation
- Internationalisation of SMEs
- Intellectual property law
- Festivals
- Issues in audience management.

Career prospects

Whether you are seeking a management role in an established organisation or plan to pursue a more entrepreneurial path, this programme will equip you with a critical understanding of the landscape within which cultural and creative industries operate.

Why Glasgow

- Frequent invited speakers will provide current industry insights from across the sector.
- Glasgow is a culturally vibrant city, with thriving music, theatre, and visual art scenes, and the greatest concentration of creative industries in Scotland.

Film Curation

MSc: 12 months full-time; 24 months part-time

This programme is subject to approval

This programme focuses on the history and future of the audience's engagement with film of all kinds. It investigates the material qualities of audio-visual media and explores the history and contemporary practice of projection and exhibition, in cinemas, galleries, festivals and online. The programme includes a work placement with one of our external partners as well as opportunities for creative practice.

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karen.lury@glasgow.ac.uk

Programme structure

You will take two core courses, one mandatory special project/work placement course, two optional academic courses and complete a dissertation/creative project.

Core courses

- Material film curation: this course focuses on film and media as 'objects'. It introduces the history of film and media collections and the role of archives; demonstrates the practice of preservation, cataloguing and documenting film and media; and addresses the importance of copyright and permissions
- Practical film curation: this course asks students to develop ways of engaging audiences via training in exhibitions, online dissemination and educational workshops and through writing about festivals and collections
- Work placement/creative project.

Optional courses

You can select two options from existing courses on offer from Film & Television Studies or elsewhere in the College of Arts. These may include:

- Experimental media
- Audio visual criticism
- Festivals
- Film tourism
- Amateur cinema.

Career prospects

This programme is designed to provide students with a range of skills that will allow them to develop as creative and cultural entrepreneurs; as outreach officers in museums, archives or galleries; in film festivals, as programmers or curators; as researchers for film and television; as creative practitioners; or prepare them for academic research.

Why Glasgow

- The city of Glasgow is a unique hub of international cultural and creative activity offering unparalleled access to galleries, museums, cinemas, music venues and film festivals. Collaborators include the Scottish Screen Archive, Glasgow Film Theatre, Lux Scotland and the Gallery of Modern Art, as well as film festivals such as Africa in Motion and Document.
- The development of the Collections Study Centre at the Kelvin Hall offers students state-of-the-art facilities and study space.

Film & Television Studies

MLitt: 12 months full-time; 24 months part-time

The MLitt in Film & Television Studies, taught in Scotland's media capital, offers the opportunity for the critical study of film and television. This well-established programme aims to provide an advanced understanding of the approaches and methodologies in Film & Television Studies and to equip you with core research skills for advanced study in this field.

gla.ac/1FjjDch
timothy.barker@glasgow.ac.uk

Programme structure

The MLitt has three components:

Core course

Taught from September to March, the course introduces the breadth of film and television studies as a discipline while developing core research skills. It is taught by staff working within the programme, giving you access to our wide range of expertise and approaches.

Three optional courses, selected from:

- A range of bespoke courses drawing on the research specialisms of the subject team. Recent options have included Critical theories of digital media; Documentary in film and television; History of critical writing on film and television; Multistrand narratives in the fiction film; Film and movement; Ethnicity and identity
- Courses which are offered as part of the MSc in Media Management
- You may choose one course from our undergraduate programme covering a range of national and transnational cinemas.

Dissertation

A 15,000 word dissertation (May-September) on an aspect of film and/or television of your choosing, under the supervision of a dedicated member of staff.

Career prospects

The programme provides an excellent foundation for an academic career in this field and we provide support and guidance on PhD applications and funding opportunities if you are considering this path.

While the MLitt is a good training for PhD study, graduates go on to a range of careers in the media and creative industries including film education, festival management and programming, and arts administration as well as research roles in television, academia and the public sector.

Positions held by recent graduates include Celebrity Management Consultant, Director and University Teacher.

Why Glasgow

- You will be studying in Glasgow, one of the leading media cities in the UK, and be based at our Gilmorehill Centre, with its own cinema as well as extensive collection of video, DVD and digital resources.

Filmmaking & Media Arts

MSc: 12 months full-time

This programme is designed to deliver a portfolio of skills required in contemporary screen-based production contexts. If you are a filmmaker, freelance media producer, or an independent media artist seeking to develop advanced skills and learn key industry practices, this programme has been specifically designed for you.

gla.ac/1IPCmeg
timothy.barker@glasgow.ac.uk

Programme structure

The programme will offer a combination of formal lectures, practitioner-led workshops, seminar discussions, screenings and one-to-one tutorials. The practical elements of the course will feature high levels of support and direction in relation to pre-production materials, including developing pitches and storyboards as well as hands-on support in relation to delivery of the individual film/media art projects.

The programme has four components:

- Two core practical workshops: These are led by a practitioner in our purpose-built Media Lab and are designed to provide hands on support in the production of your film or media art projects. They also incorporate sessions led by industry professionals that are designed to pass on key industry experiences and skills vital to a successful career in the industry
- The core academic option Experimental Art and Media: This course covers the history and theory of experimental art and filmmaking, including the topic of practice-as-research. It is designed to provide a critical foundation for your filmmaking and/or media arts practice
- You will also choose one course, selected from a range of academic options that draw on our research expertise
- A practice-based dissertation, where you have the opportunity to develop a large-scale film or media arts self-directed project.

Career prospects

The programme will equip you with the ability to develop a career as a media producer, with a particular focus on low-budget productions for film and television. You will have the opportunity to explore and develop freelance industry practices and a portfolio of skills enabling you to work as an independent practitioner in today's creative industries.

Why Glasgow

- Through practical workshops, industry master classes, and history and theory courses, you will have the opportunity to learn from industry professionals, media artists, and academics in film, television and digital media theory.
- Glasgow offers a vibrant context for filmmaking and media arts practice. Key cultural events include the Glasgow Film Festival and Glasgow International (a biennial international festival of contemporary art).

Media Management

MSc: 12 months full-time

The Masters in Media Management examines the economic, managerial, legal and cultural frameworks within which media organisations and industries operate. If you are an aspiring or existing media manager, or have a strong interest in the media and creative sectors, this programme has been designed for you. It combines advanced-level media and management-related studies with a special focus on media economics and on media and cultural policy.

gla.ac/1fgPMax
gillian.doyle@glasgow.ac.uk

Programme structure

Media Management involves a taught course, which runs from September to April, followed by an individual supervised dissertation.

The taught component involves a combination of lectures, seminars and group-work sessions as well as regular presentations from senior and experienced figures in the media industry. You will be taught by specialist staff from the Centre for Cultural Policy Research and the Adam Smith Business School.

Assessment is based primarily on individual written essays and assignments but also involves group-work projects, presentations and an examined element.

Core courses

- Media economics
- Media and cultural policy
- Strategy and organisational performance
- Research methods.

Optional courses may include:

- International business strategy
- Intellectual property law
- Issues in audience management
- Human resource management
- Financial analysis.

Career prospects

You will be prepared for a range of management careers across the media sector, including economics, business strategy, media policy, intellectual property rights and marketing.

At the same time, the programme offers an academically engaging and rewarding experience, allowing you to embark on policy advisory and consultancy roles or to pursue further postgraduate studies.

Why Glasgow

- The programme is led by an international expert in media economics who, in 2014, was awarded the European Media Management Association prize for outstanding contribution to scholarship.
- In recent years we have had speakers from the BBC, Channel 4, the Financial Times, the UK communications regulator Ofcom, MTV Europe, the Sunday Herald, the Press Complaints Commission and the British Film Institute.

Playwriting & Dramaturgy

MLitt: 12 months full-time

The Masters in Playwriting & Dramaturgy gives you a practical and theoretical engagement with the many forms of writing and production for theatre. The programme is designed for those wishing to develop playwriting skills and knowledge of script development and support, opening the way to many theatre roles, including dramaturgy.

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victoria.price@glasgow.ac.uk

Programme structure

Our programme is the only one in Scotland that combines playwriting with dramaturgy. You will undertake core practical playwriting courses and core dramaturgy courses before choosing to specialise in one pathway.

A significant part of the programme is delivered by professional writers and dramaturges. This programme also includes the opportunity for playwrights to develop a major script, through workshops and staged readings with actors and directors.

Core teaching is delivered in two semesters, followed by an independent desk- or practice-based project. Our core courses introduce you to the foundations of both playwriting as a craft, and dramaturgy as a historical and contemporary practice. In addition, core courses develop other skills useful to the role of the dramaturg and the practitioner, including critical reading, writing and reflection, independent research skills and presentation skills. These courses will also prepare you to pursue doctoral study in the future.

Courses include

- Playwriting
- Dramaturgy: histories and practices
- Reading and interpreting performance
- Dramaturgical work placement
- Research methods
- Independent project.

Career prospects

This programme aims to equip playwrights and potential dramaturges with knowledge of other writing roles in theatre. The critical components of this programme also provide a good foundation for students wishing to progress to doctoral study. Graduates of this programme have gone on to become commissioned playwrights, production dramaturges, theatre critics, literary advisers, doctoral students, theatre makers and academics.

Why Glasgow

- Theatre Studies at Glasgow is one of the longest-established theatre programmes in the UK. Our internationally renowned reputation for research, practice and teaching ensures an ideal environment for the pursuit of Masters study.
- A significant part of the programme is delivered by professional writers and dramaturges, ensuring you engage with a wide variety of practices and that the programme content is relevant and up to date with the latest trends in theatre.

Theatre Practices

MLitt: 12 months full-time;
24 months part-time

This Masters programme engages with a range of theatre and performance practices, explored in a critically informed context. The programme encompasses practices such as contemporary devising and production dramaturgy, writing for performance, site-specific and locational performance and autobiographical performance. You will be encouraged to develop a reflective, rigorous and critically informed approach to theatre practice, with the intention of enriching and enhancing your creative work and furthering your career as a theatre/performance practitioner. You will be taught by leading academics as well as external professional practitioners.

gla.ac/1LhjPc8
minty.donald@glasgow.ac.uk

Programme structure

The programme is designed to give you a practical and critical engagement with many forms of theatre and performance practice.

You will take core courses and create a portfolio of optional courses according to your personal interests and perceived needs. You can also select some courses from across the College of Arts, enabling an interdisciplinary approach.

The programme concludes with an independent research project. This provides you with a degree of flexibility in relation to the focus of your advanced study. It permits further applied practice or the opportunity to undertake an in-depth written study on an area of your choice.

Courses include:

- Research methods
- Contemporary devising practices
- Independent practice
- Debating dramaturgy
- Work placement
- Independent research project.

Career prospects

This programme is ideal for practitioners who want to develop their practice; graduates who are planning a career in theatre making; and those who want to look in more depth into aspects of theatre practice they have enjoyed and benefited from through undergraduate studies. The programme also provides an excellent foundation for PhD studies and an academic career.

Why Glasgow

- A significant part of the programme is delivered by professional practitioners, ensuring the programme content is relevant and up to date with the latest trends in theatre.

Theatre Studies

MLitt: 12 months full-time;
24 months part-time

This Masters programme engages with a wide variety of histories and practices attached to the study of theatre. It is designed to enable you to become proficient in the techniques of historical, sociological and theoretical analysis of the theatrical process, past and present.

gla.ac/1G3hJJv
victoria.price@glasgow.ac.uk

Programme structure

The programme is mostly comprised of optional courses, enabling you to create your own Masters programme. It also allows you to work in an interdisciplinary capacity, selecting courses from across the College of Arts, according to personal interests.

Core teaching is delivered in two semesters, followed by an independent desk- or practice-based project. The Independent Research Project provides an opportunity for you to identify an area of interest and to create a research project that allows in-depth critical exploration of this.

Core courses

- Research methods
- Independent research project.

Optional courses

You will undertake five optional courses which you will select from a pool of courses. Optional courses are updated each year, but may include:

- Autobiography and performance
- Bodies in theatre and performance
- Contemporary devising practices
- Debating dramaturgy
- Directing
- Elizabethan and Jacobean drama
- Exhibiting cultures
- Issues in Victorian and Edwardian theatre
- Modern German theatre
- Performance theory and analysis
- Playwriting
- Space, place and performance
- Work placement.

Career prospects

This programme examines the nature and function of the theatrical event and theatre culture from a range of critical, historical and practical perspectives. It prepares you for a wide range of careers closely connected to theatre provision and production.

The programme's critical components also provide a good foundation for those wishing to progress to doctoral study.

Why Glasgow

- Our facilities include a studio theatre and large flexible-seat theatre seating over 200 spectators.
- Glasgow is the base for a number of nationally significant theatre organisations, including the National Theatre of Scotland, the Playwrights' Studio Scotland, Ankur Arts, Vanishing Point and Theatre Cryptic.

'While undertaking the MLitt in Film & Television Studies, I was impressed by how it allows students to discover and explore their own research interests by exposing them to a wide range of theoretical material and film and television texts. Ultimately my positive experience with the MLitt programme was a leading factor in my decision to continue on with my PhD study in Film & Television Studies at the University of Glasgow.'

Allison, Canada
Film & Television Studies (MLitt) graduate

HUMANITIES

Our world-leading research is diverse and interdisciplinary, covering archaeology, Celtic and Gaelic, classics, history, information studies and philosophy.

- Archaeology at the University explores the material remains of past societies, linking fieldwork and laboratory analysis with theoretical reflection and sophisticated interpretation. Material culture lies at the heart of our research, from the individual artefact to entire landscapes. We also work on the presentation of archaeological remains in modern settings, and are involved in their management as cultural heritage and resources of the tourism industry.

- Celtic and Gaelic at Glasgow brings together the teaching and research of the ancient, medieval and modern periods in the Celtic languages of Scottish Gaelic, Irish and Welsh. With links to archaeology, history and modern languages and cultures, you can study a range of fascinating topics.

- Our research in classics spans the Greek and Roman worlds, with particular focus on drama, fictional and historical narrative, rhetoric and politics, and the receptions of classical antiquity. We hold a regular programme of seminars, workshops and reading groups. Leading classicists contribute to seminars and there are networking opportunities in our lively research events programme.

- Our history expertise covers many topics from gender history to war studies. Our resources include a research library containing rare printed sources for the study of medieval and early modern Scotland, Ireland and England; a medieval history collection, and economic and social history collections.

- Information Studies at Glasgow explores how information and communication technology can shape our knowledge and understanding in the arts, humanities and cultural heritage sectors. Through our Humanities Advanced Technology & Information Institute (HATII), our researchers provide a vibrant research culture, with students exploring a range of topics in the fields of digital humanities and information sciences.

- Our studies in philosophy build on a prestigious history that includes the achievements of great thinkers such as Francis Hutcheson, Adam Smith and Thomas Reid. Our researchers often work in an interdisciplinary manner, drawing on philosophy, psychology, neuroscience, psychiatry, and human-computer interaction.

Postgraduate research programme

There is a range of full- and part-time study options available. Our research programmes include MRes, MPhil (Research), MLitt (Research) and PhD.

Research interests

- **Archaeology:** landscape archaeology and regional studies, especially in Scotland and the Mediterranean; historical archaeology; social theory in archaeology; science-based applications including archaeometallurgy, ceramic analysis, geophysics and aerial photography; applications of IT, particularly GIS and 3D modelling; material culture studies.

- **Celtic and Gaelic:** medieval Irish narrative; early Gaelic and medieval Welsh literature and law; linguistic, literary and religious aspects of early medieval Scotland; 19th, 20th and 21st century Scottish Gaelic literature; Scottish Gaelic oral tradition and oral transmission; the early church in the Celtic countries; Celtic inscriptions; place names; early and modern Gaelic languages; Gaelic dialects, dialectology and historical linguistics; Gaelic sociolinguistics; Scottish Gaelic education.

- **Classics:** drama (comedy, tragedy, mime); historical and fictional narrative; politics (with notable expertise in rhetoric); the receptions of classical antiquity.

- **History:** medieval Europe; Scotland, Ireland and the British Isles; early modern culture, beliefs and ideas; American history and culture; history of medicine; social and gender history; war studies; late modern American, European, British and Scottish history.

- **Information studies:** digital curation, with a particular emphasis on collaborative, translational research in national and international projects; archives, records and information management; digital heritage and humanities.

- **Philosophy:** metaphysics; epistemology; philosophy of mind; philosophy of perception; philosophy of language; logic; philosophy of mathematics; ethics; political philosophy; aesthetics; philosophy of religion; the history of early modern philosophy; the history of analytic philosophy.

Find potential supervisors

You are welcome to contact individual staff members to discuss a potential research topic before applying:

Visit: www.glasgow.ac.uk/humanities/staff
Tel: +44 (0)141 330 3538
Email: christelle.leriguer@glasgow.ac.uk

The humanities foster cutting-edge research into the languages, traditions, texts, ideas, and artefacts which have shaped our world.

ARCHAEOLOGY

Archaeological Studies

MLitt: 12 months full-time; 24 months part-time
PgDip: 9 months full-time; 18 months part-time

This programme provides a strong background in the methodological and theoretical approaches used in archaeology and the interplay between them. This is designed as a conversion programme for students whose first degree was in a subject other than archaeology.

www.gla.ac.uk/1bnC6lv
humanities-pg@glasgow.ac.uk

Programme structure

The core courses provide a grounding in key archaeological principles that include:

- Practice: how we do archaeology, approaches to the discovery, excavation, recording and analysis of archaeological sites, and the organisation and structure of archaeology in the UK
- Theory: the development of archaeological thinking, theoretical and interpretive frameworks used by archaeologists, and the ethical responsibilities of archaeologists.

In undertaking this programme you will be encouraged to engage in practical activity, including fieldtrips in Scotland and beyond, and optional modules will allow further opportunities for site visits and lab work.

The optional courses offer specialist paths that allow you to explore particular areas of study in more detail. You can choose three optional modules from a list of relevant courses associated with other MLitt/PgDip degrees offered in Archaeology and more widely across the University. These courses draw upon the particular interests and expertise of the contributing staff and the options available may therefore vary.

You will produce a dissertation on a topic agreed between you and your convener. This research project is undertaken between May and September with the support of a member of staff who will act as supervisor.

Career prospects

The programme provides an excellent platform for you to move on to PhD studies and an academic career. In recent years many graduates have made careers in archaeology in the UK and USA.

Why Glasgow

- You will have the opportunity to participate in fieldtrips in Scotland and benefit from the involvement of guest speakers from the UK and abroad.
- The programme provides you with a grounding in archaeology and access to a wide range of optional courses covering further aspects of methodology and practice, or examining the archaeology of particular chronological periods or geographical areas.

Celtic & Viking Archaeology

MLitt: 12 months full-time; 24 months part-time
PgDip: 9 months full-time; 18 months part-time

The Masters in Celtic & Viking Archaeology provides an introduction to the theoretical and practice approaches to early medieval archaeology, based on our particular research strengths in the settlements and material culture of Celtic, Pictish and Viking peoples, and in the archaeology of kingship and political development.

www.gla.ac.uk/1JANYID
humanities-pg@glasgow.ac.uk

Programme structure

You will take two core courses and three optional courses. For the MLitt you will produce a dissertation on a specialist topic agreed with your supervisor.

The core courses provide you with a strong theoretical background to the study of early medieval archaeology, examining themes such as burial, settlement and religion through a series of case studies. You will also get training and support in a wide variety of research methods including library skills, humanities computing, writing and presenting papers.

Core courses

- Research skills
- Approaches to Celtic and Viking archaeology.

Optional courses

Three optional courses must be selected, two of which from the following:

- Themes in early medieval Scottish archaeology
- Early Christian monuments of Scotland
- Early medieval artefacts
- Viking and late Norse artefacts
- Norse in the North Atlantic, AD 800 – 1500
- Viking and late Norse British Isles.

Career prospects

Graduates have gone on to work for various heritage bodies such as the National Museum of Scotland, and for UK-based commercial archaeology firms.

The programme provides an excellent platform for you to move on to PhD studies and an academic career.

Positions held by recent graduates include Field Technician and Tutor.

Why Glasgow

- If you want to pursue a career in archaeology, our new approaches to early medieval studies bring fresh insights into the life and ideas of the period and provide you with a stimulating environment, learning from internationally renowned scholars.
- You will have the opportunity to take fieldtrips to a number of sites relevant to your studies.

Conflict Archaeology & Heritage

MLitt: 12 months full-time; 24 months part-time
PgDip: 9 months full-time; 18 months part-time

The Masters in Conflict Archaeology & Heritage specialises in the archaeological approaches to battlefields and other aspects of conflict archaeology.

www.gla.ac.uk/1IONWHv
humanities-pg@glasgow.ac.uk

Programme structure

The taught programme consists of three core courses which will provide a general framework for the study of conflict archaeology and heritage, accompanied by three more specialised optional courses. For the MLitt you will produce a dissertation on a specialist topic agreed with your supervisor.

Core courses

- Research and professional skills
- The art of war: concepts and theories
- Method and practice in conflict heritage.

Optional courses

You need to choose three options in total; two options are selected from the following

- Modern Warfare (19th to 20th century)
- British battlefields.

One option is selected from any of the specialist courses offered in the Archaeology, History or War Studies programmes.

Career prospects

The Centre has an excellent track record of students going on to employment in universities, museums, commercial archaeology, government agencies, and archives both here and abroad. The MLitt in particular has proved to be an excellent platform to progression into PhD studies at universities both in the UK and overseas.

Why Glasgow

- The programme is based within the Centre for Battlefield Archaeology, which is an internationally renowned centre of excellence for the study of conflict heritage and archaeology.
- The Centre is consistently engaged in high profile fieldwork and research projects covering a wide geographical area and chronological span; the scope of research includes battlefields, memorialisation, military infrastructure and cultural resource management.

Landscape: Integrated Research & Practice

MSc: 12 months full-time;
24 months part-time
PgDip: 9 months full-time;
18 months part-time

This is a dynamic field which transcends disciplinary boundaries, connects the worlds of research, practice and policy and requires professionals to engage with the public.

gla.ac/1HZgsNS
humanities-pg@glasgow.ac.uk

Programme structure

You will take three core courses and choose optional courses based on the areas you wish to specialise in. There will be a significant component of independent work relating to a research dissertation or professional development project.

You will be taught by staff from a range of subject areas in the arts, sciences and social sciences. The core courses are taught through a combination of seminars and field trips.

Core courses

- Landscape theory
- Landscape practice
- Skills for landscape researchers and professionals.

A wide range of optional courses in subjects including (but not limited to):

- Archaeology, history and heritage
- Environmental humanities; environmental ethics and politics
- Geography
- History of art
- Landscape and place design, spatial planning, regeneration studies
- Place-name studies
- Urban studies.

Career prospects

Career opportunities exist for landscape, environment and heritage-oriented roles within government agencies or other public bodies (such as national parks), non-governmental organisations and the private sector. This programme also provides a pathway to PhD research and to career opportunities in research institutes and in further and higher education.

Why Glasgow

- The programme will enhance your ability to pursue a landscape, heritage or environment career, whether in universities and research institutes, government, the third sector or private professional practice.
- You will have full advantage of Glasgow's location through field-based teaching involving trips to diverse Scottish landscapes such as the iconic Loch Lomond & the Trossachs National Park, the urban landscape of Glasgow and the industrial/de-industrialised landscapes of central Scotland.

Material Culture & Artefact Studies

MLitt: 12 months full-time;
24 months part-time
PgDip: 9 months full-time;
18 months part-time

Material Culture & Artefact Studies combines the archaeological recovery and specialist examination of an object with its presentation, management and understanding within a cultural context.

gla.ac/1IPEin9
humanities-pg@glasgow.ac.uk

Programme structure

The taught component consists of core courses and optional courses, running over two semesters.

Assessment is normally focused on written performance, but oral presentation skills and other modes of assessment allow you to develop your writing skills in a number of formats. This is in addition to the practical emphasis on developing your ability to interpret and analyse artefacts.

For the MLitt you can opt to do either a dissertation or an extended work placement (assessed by student diary, portfolio and either a research report or a student exhibition design).

Core courses

- Material culture in context
- The process of artefact studies.

Optional courses include topics such as:

- Lithic analysis
- Working with pottery
- Critical themes in the display and reception of objects
- Early medieval artefacts
- Viking and late Norse artefacts (AD 750 – 1350)
- Optional courses drawn from another archaeology programme or from other programmes across the University can be taken by agreement with the programme convener.

Career prospects

The two strands to the degree enable you to prepare for further doctoral research whilst also providing opportunities for valuable vocational experience in a commercial environment.

Past graduates have found full-time positions with Historic Scotland, Headland Archaeology Ltd and Guard Archaeology Ltd.

Several of our international graduates have found employment working at the Smithsonian, Washington DC and at the Pink Palace Museum, Memphis, Tennessee.

Why Glasgow

- This MLitt in Material Culture & Artefact Studies will prepare you to participate at both a practical and theoretical level in the field of specialist artefactual analysis.
- You will be able to undertake a work placement to gain valuable work experience in a museum, archaeological unit or other cultural institution.

CELTIC & GAELIC

Celtic Studies

MLitt: 12 months full-time; 24 months part-time

This interdisciplinary programme specialises in the medieval Celtic languages, literature, history and archaeology covering the Middle Ages from the 6th to the 16th centuries.

gla.ac/1DXhWyY
humanities-pg@glasgow.ac.uk

Programme structure

You will take two core courses, choose two optional courses (one per semester) and study a Celtic language. You will also produce a 10,000 – 15,000 word dissertation on a specialist topic agreed with your supervisor.

Core courses

- Skills and scholarship in Celtic studies
- Themes and debates in Celtic studies.

You will also take a course in one of the medieval Celtic languages at introductory or advanced level. You may, if appropriate, take a course in Scottish Gaelic instead.

- Introduction to Early Gaelic (Old and Middle Irish)
- Introduction to Middle Welsh.

Optional courses from a wide range of specialist courses including

- Celtic art: an interdisciplinary approach
- Celtic place-names of Scotland
- Critical issues in early Gaelic literature
- Finn in Gaelic literature
- Legal traditions in medieval Ireland and Wales
- Literacy in Celtic culture and society: an interdisciplinary approach
- Picts: an interdisciplinary approach
- Special option (semester 1 or 2): This is a course of guided reading, directed by a specialist in a field of your choice, designed to produce an essay of around 5,000 words.

You may alternatively, with the approval of the programme organiser, take a taught course from a related Masters programme or take another language course.

Career prospects

Graduates have secured jobs in academia, museums and government heritage bodies; publishing and book marketing; primary and secondary teaching, and teaching English as a foreign language abroad. The programme also provides an excellent platform for you to move on to PhD studies and an academic career.

Why Glasgow

- The wide-ranging curriculum can be tailored to your own undergraduate experience. This means the programme is suitable whether you have a Celtic Studies degree or you come from a related subject such as history, literature, or archaeology.
- This programme will provide you with a highly stimulating environment, learning from internationally renowned scholars.

CLASSICS

Ancient Cultures

MLitt: 12 months full-time; 24 months part-time

This programme offers you the opportunity to explore the ancient world from a multicultural and interdisciplinary perspective from the Near East to North-Western Europe.

gla.ac/1d8nJJ9
lisa.hau@glasgow.ac.uk

Programme structure

Core courses

- Approaching the ancient world through text
- Approaching the ancient world through material culture.

Optional courses may include

- Languages at all levels: Ancient Greek, Latin, Early Gaelic, Welsh, Hebrew, Ancient Egyptian (hieroglyphs), Coptic
- Democracy and government in the ancient world
- Explorations in the classical tradition
- Rituals, feasts and festivals – power, community and consumption in the East Mediterranean and the Near East
- Mediterranean landscapes
- Climate and civilisation
- Celtic art
- Jewish contexts of early Christianity
- Early church history and theology
- Ancient Egyptian art and archaeology
- Courses on Celtic and Viking archaeology
- Courses in museum studies.

You must take courses from at least two subject areas. The course convener will offer guidance and approve your choices to ensure their feasibility and intellectual cogency.

Please note that you can only study one language at beginner's level.

You will also complete a dissertation of 12,000 – 15,000 words on a research topic of your choice. Your dissertation will be supervised in individual subjects or jointly between subjects as appropriate.

Career prospects

The programme provides excellent technical and linguistic skills for further postgraduate study in any of the subjects involved. It is also well suited to those considering a career in heritage, teaching, archives or libraries.

Why Glasgow

- The programme makes extensive use of the unique collections in the University of Glasgow's Hunterian Museum as well as collections in other Glasgow museums such as the Burrell Collection and the Glasgow Museums Resource Centre.
- Hands-on sessions in a range of museums and libraries can be tailor-made to suit your interests.

Classics

MLitt: 12 months full-time; 24 months part-time

This Masters programme enables you to acquire and develop skills as an independent researcher in the field of Classics. We offer a broad range of options which can either be used to construct a self-contained programme of study or act as the springboard for doctoral research.

gla.ac/1d8o3rq
humanities-pg@glasgow.ac.uk

Programme structure

Core courses

- Research training
- Dissertation.

Optional courses

Options are available via both linguistic and non-linguistic pathways.

- Thucydides
- Explorations of the classical tradition
- Ancient drama
- Democracy and governance.

You can also take courses in elementary and advanced Greek and Latin languages.

It is also possible to take Masters-level courses offered by other subject areas in the College of Arts.

Career prospects

You will develop a broad range of intellectual and transferable skills that employers are looking for. Graduates have found careers in teaching, librarianship and the heritage sector. Over half of our Masters students proceed to PhD. Glasgow PhD graduates currently hold university posts in the UK, the rest of Europe, USA and Africa.

Positions held by recent graduates include University Teacher, Business Archive Cataloguer, Policy and Governance Manager, Market Research Coordinator and Underwriter.

Why Glasgow

- You will have the opportunity to begin or continue the study of Latin or Greek, enabling those who have not had a 'traditional' classical education to acquire linguistic skills necessary for progression to higher research in Classics.
- The programme draws on the University's rich holdings of ancient material culture (particularly coins) and manuscripts where appropriate.

HISTORY

American Studies

MLitt: 12 months full-time; 24 months part-time

The MLitt in American Studies is the only Masters programme in Scotland that provides an interdisciplinary focus on how the United States developed. Why did American culture, politics and business become so dominant in the 19th and 20th centuries, and in what directions might they be headed in the 21st century?

gla.ac/1DXiF3g
humanities-pg@glasgow.ac.uk

Programme structure

You will take two core courses and choose three optional courses. The programme draws on a wide array of subject areas: literature, history, film and television studies, popular music, art history, religious studies, archaeology, and politics; to foster understanding of the overarching themes, as well as complexities, of American life.

The culmination of the MLitt in American Studies is your dissertation. You will choose a topic based on the breadth of perspectives that you have explored and conduct original primary source research. You will be supported in your research and writing by an assigned supervisor with expertise in your specific field of interest.

Core courses

- Approaches to American studies
- Topics and methods in American studies.

Career prospects

The skills you gain – critical analytical, and written and oral communication skills, as well as the specific understanding of American history and culture – offer you a broad range of career choices.

The programme provides you with an excellent foundation to study for a PhD and to establish an academic career. Other graduates have used their specialist knowledge of America in their media, business and teaching careers. Positions held by recent graduates include Teacher, and Alumni and Development Officer.

Why Glasgow

- The programme is linked to the Andrew Hook Centre for American Studies, which hosts visiting speakers for seminars, conferences and other special events.
- The Centre also welcomes applications for partial or full fees-only Gordon Scholarships in American Studies.

Early Modern History

MLitt: 12 months full-time; 24 months part-time

This programme is for historians seeking to specialise in the study of the early modern period. Our early modern interests extend to England, Scotland, France, Scandinavia, the Low Countries, Italy and North America, from the late 15th to late 18th centuries.

gla.ac/1ONAnZP
humanities-pg@glasgow.ac.uk

Programme structure

Our History Masters are built around a hands-on research training course, specialised courses on historical and theoretical themes, and other courses developing your technical skills and other abilities such as languages and palaeography. If you choose to study Early Modern History, there will be a guided selection of courses that will provide you with the specialised knowledge in that field. You will be taught through a series of seminars and workshops. Internationally recognised historians give guest lectures throughout the year. In the final part of the programme, you will select a specialised topic and conduct original primary source research for your dissertation.

Core courses

- Research resources and skills for historians
- Approaches to history.

Optional courses

Course options may include:

- Politics and literature in Jacobean Scotland
- Print, public opinion and Enlightenment in 18th century Europe
- The history of medicine I: studies in the history of medicine before 1850
- Reformation! Europe in the age of religious wars
- Scottish popular culture.

To widen your approach and develop an interdisciplinary perspective, you are also encouraged to take one or two complementary courses in cognate subjects, such as Scottish literature, English literature, theology, history of art or other Arts subjects by agreement with the programme convener.

Career prospects

Apart from continuing to study for a PhD, you can transfer the arts research skills and methods you learn on this programme to positions in the public and private sectors, such as heritage, policy and projects, journalism and teaching.

Positions held by recent History graduates include Editor Business & History Products, Lead Scholar/Instructor and Secretary.

Why Glasgow

- Our links with The Hunterian, the University's own museum and art gallery, provide access to primary source material, including an enormous collection of anatomical and pathological specimens, coins, books, manuscripts and ethnography.
- You will enjoy ready access to the Baillie Collection, our prized collection of printed medieval and modern sources in Scottish, Irish and English history.

Gender History

MSc: 12 months full-time; 24 months part-time
PgDip: 9 months full-time; 18 months part-time

This Masters in Gender History provides the opportunity to develop and deepen analysis of the workings of gender in the past. In conjunction with Glasgow University's Centre for Gender History, which brings together one of the largest concentrations of gender historians in the UK, the programme encourages cross-chronological and cross-cultural comparisons as well as allowing in-depth research into particular questions.

gla.ac/1aXuv2G
humanities-pg@glasgow.ac.uk

Programme structure

Learning and teaching approaches are varied. Technical skills are taught through lectures and workshops associated with the core course, while the conceptual foundations for gender history are taught through the weekly seminars. Independent and self-reflective critical work is fostered through written assignments and seminar presentations, and culminates in the dissertation.

An annual masterclass for postgraduates with an interest in gender history is led by a distinguished visiting speaker in conjunction with the Gender and History annual public lecture hosted by the Centre for Gender History.

Core courses

- Gender, politics and power
- Gender, culture and text
- Research, resources and skills for historians.

Optional courses

- All options on offer within History MLitt/MSc programmes in Arts and Social Sciences.

Career prospects

Apart from continuing to study for a PhD, you can transfer the Arts research skills and methods you learn on this programme to positions in the modern public and private sectors, such as heritage, policy and projects, journalism and teaching.

Positions held by recent History graduates include Editor Business & History Products, Lead Scholar/Instructor and Secretary.

Why Glasgow

- This programme focuses on an area that is becoming increasingly significant within many spheres of professional and voluntary engagement.
- You will be taught by people who have research specialisms in this field and are personally involved in values-based practice, and have the opportunity to focus upon issues that matter to you and are relevant to your own practice.

History

MLitt/MSc: 12 months full-time; 24 months part-time
PgDip: 9 months full-time; 18 months part-time

The Masters in History provides you with an outstanding learning experience in the company of Glasgow's thirty-strong cohort of historians, and the opportunity to conceive, design and execute a research project/dissertation. The programme combines training in historical theory, skills and methods with a wide range of specialist taught options which cover all periods from medieval to late modern, in relation to Scotland, Britain, Europe, America and elsewhere.

gla.ac/1zTJTUn
humanities-pg@glasgow.ac.uk

Programme structure

Our pathway structure allows you to tailor your degree to match an interest in one of the following fields:

- Medieval history
- Modern and late modern history
- Scottish history
- Social and cultural history
- Gender history
- Military history.

Each programme is built around a hands-on research training course, specialised courses on historical and theoretical themes, and other courses developing your technical skills and other abilities such as languages and palaeography.

For your chosen programme, there will be a guided selection of courses that will provide you with specialised knowledge in that field. You will be taught through a series of seminars and workshops. Internationally recognised historians give guest lectures throughout the year.

In the final part of the programme, you will select a specialised topic and conduct original primary source research for your dissertation.

Core course

- Research resources and skills for historians.

Career prospects

Apart from continuing to study for a PhD, you can transfer the Arts research skills and methods you learn on this programme to positions in the modern public and private sectors, such as heritage, policy and projects, journalism and teaching.

Positions held by recent History graduates include Editor Business & History Products, Lead Scholar/Instructor and Secretary.

Why Glasgow

- Our links with the University's museum and art gallery, The Hunterian, provide access to primary source material, including an enormous collection of anatomical and pathological specimens, coins, books, manuscripts and ethnography.

Medieval History

MLitt: 12 months full-time; 24 months part-time

We have one of the greatest concentrations of world-leading medievalists in the UK, covering the entire span of the Middle Ages and a wide range of regions from Ireland to Byzantium. This Masters in Medieval History provides you with thorough research training and a wide set of transferable skills in the conception, design and execution of a research project.

gla.ac/1l3eZQc
humanities-pg@glasgow.ac.uk

Programme structure

Our History Masters are built around a hands-on research training course, specialised courses on historical and theoretical themes, and other courses developing your technical skills and other abilities such as languages and palaeography.

You will be taught through a series of seminars and workshops. Internationally recognised historians give guest lectures throughout the year.

In the final part of the programme, you will select a specialised topic and conduct original primary source research for your dissertation. You are supported in your research and writing up by an assigned supervisor with expertise in your field of enquiry.

Core courses

- Research resources and skills for historians.

Optional courses

Course options may include:

- Chivalry and warfare in late medieval Europe, c1300 – 1500
- Constructing faith: systems of belief and religious networks in the Middle Ages
- From antiquity to the Middle Ages
- Introduction to medieval manuscript studies
- Barbarians in the Mediterranean
- Popular revolt in the late Middle Ages
- The Crusades
- The Normans
- Medieval palaeography.

To widen your approach and develop an interdisciplinary perspective, you are also strongly encouraged to take one or two complementary courses in cognate subjects, such as Latin, Scottish literature, English literature, theology, history of art or other College of Arts subjects.

Career prospects

Apart from continuing to study for a PhD, you can transfer the arts research skills and methods you learn on this programme to positions in the public and private sectors, such as heritage, policy and projects, journalism and teaching.

Positions held by recent History graduates include Editor Business & History Products, Lead Scholar/Instructor and Secretary.

Why Glasgow

- Glasgow is home to the Glasgow Centre for Medieval & Renaissance Studies and the Centre for Scottish & Celtic Studies.

Modern History

MLitt: 12 months full-time; 24 months part-time

Modern History at Glasgow brings together social and political historians, active in research on topics from the French Revolution to the War on Terror in Afghanistan. The Masters in Modern History provides you with thorough research training and a wide set of transferable skills in the conception, design and execution of a research project.

gla.ac/1GoGiT7
humanities-pg@glasgow.ac.uk

Programme structure

Our History Masters are built around a hands-on research training course, specialised courses on historical and theoretical themes, and other courses developing your technical skills and other abilities such as languages and palaeography.

You will be taught through a series of seminars and workshops. Internationally recognised historians give guest lectures throughout the year.

In the final part of the programme, you will select a specialised topic and conduct original primary source research for your dissertation.

Core courses

- Research resources and skills for historians.

Optional courses

Course options may include:

- Secret intelligence in the 20th century
- American material culture
- Introduction to social theory for researchers
- American counterculture
- History of medicine, 1850 – 2000
- The American way of war
- Topics in historical computing
- Issues, ideologies and institutions of modern Scotland
- Gender, politics and power
- Christianity and sexual revolution.

The courses taught each year vary depending upon staff availability.

To widen your approach and develop an interdisciplinary perspective, you are also strongly encouraged to take one or two complementary courses in cognate subjects, such as Scottish literature, English literature, theology, history of art or other College of Arts subjects.

Career prospects

Apart from continuing to study for a PhD, you can transfer the arts research skills and methods you learn on this programme to positions in the public and private sectors, such as heritage, policy and projects, journalism and teaching.

Positions held by recent History graduates include Editor Business & History Products, Lead Scholar/Instructor and Secretary.

Why Glasgow

- Members of the Centre for Gender History, the Centre for War Studies and the Centre for Scottish Cultural Studies are all leaders in their fields.

Scottish History

MLitt: 12 months full-time; 24 months part-time

The programme is taught by a team of academics in the social, political and cultural history of Scotland from the medieval period through to the 20th century. It has a particular geographical emphasis on Gaelic Scotland, Scotland's place in the British Isles and Europe, and on urban Scotland.

gla.ac/10k1TTQ
humanities-pg@glasgow.ac.uk

Programme structure

Our History Masters are built around a hands-on research training course, specialised courses on historical and theoretical themes, and other courses developing your technical skills and other abilities such as languages and palaeography.

You will be taught through a series of seminars and workshops. Internationally recognised historians give guest lectures throughout the year.

In the final part of the programme, you will select a specialised topic and conduct original primary source research for your dissertation.

Core courses

- Research resources and skills for historians.

Optional courses

Course options may include:

- Politics and literature in Jacobean Scotland
- Culture, politics and society in the Highland clearances
- Interdisciplinary perspectives on Scottish culture
- Specialist course in medieval Scottish studies
- Revolutionary Scotland: literature, culture and politics 1830 – 1939
- The Scottish Wars of Independence
- Scottish popular culture
- Scottish Reformation.

The courses taught each year vary depending upon staff availability.

To widen your approach and develop an interdisciplinary perspective, you are also encouraged to take one or two complementary courses in cognate subjects, such as Scottish literature, English literature, theology, history of art or other Arts subjects.

Career prospects

Apart from continuing to study for a PhD, you can transfer the arts research skills and methods you learn on this programme to positions in the public and private sectors, such as heritage, policy and projects, journalism and teaching.

Positions held by recent History graduates include Editor Business & History Products, Lead Scholar/Instructor and Secretary.

Why Glasgow

- Teaching and research in Scottish history are firmly embedded in the University, giving benefits from synergies with Celtic and Gaelic, archaeology and Scottish literature, all contributing to the work of the Centre for Scottish & Celtic Studies.

War Studies

MLitt: 12 months full-time; 24 months part-time

An understanding of war, for good or ill, is of vital importance. This programme offers the opportunity to study the theory and practice of war in a wide range of aspects, from the Middle Ages to the present day, and from causes to consequences.

gla.ac/1DJaWsm
humanities-pg@glasgow.ac.uk

Programme structure

You will spend a semester studying the degree's core course, which covers both the major thinkers on warfare and the practice and conduct of war.

Core topics may include:

- Jomini, aggressive warfare and the Confederate States of America at war
- The evolution of military thought between the two World Wars
- Europe's 'small wars', 1800 to present
- Vegetius and 'Vegetian strategy' in medieval warfare.

In the second semester, you will take three optional courses which delve in greater detail into a particular aspect of military or strategic history.

Optional courses may include:

- Chivalry and warfare in later medieval Europe, 1300 – 1450
- The American way of warfare; from the Revolution to the War on Terror
- Insurgency and counter-insurgency, 1800 to present
- Western intelligence in an age of terror.

You will complete the programme by writing a dissertation based on your own research. This requires you to engage in original research guided by an expert in the field.

Career prospects

The programme provides an excellent platform for you to move on to a PhD.

Positions held by recent graduates include Development Director, Professor, Correspondent, and Freelance Journalist.

Why Glasgow

- The MLitt in War Studies aims to challenge, educate and engage by exposing you to a wide range of different ideas about war. It is specifically designed to broaden and deepen your knowledge of warfare.
- The University of Glasgow is home to the Scottish Centre for War Studies. You will be able to participate in the conferences and seminars we organise on critical themes related to conflict.

INFORMATION STUDIES (HATII)

Information Management & Preservation (Digital)/ (Archives & Records Management)

MSc: 12 months full-time; 24 months part-time
PgDip: 9 months full-time
PgCert: 4 months full-time

The programme provides you with an understanding of contemporary information and records management issues. It pays special attention to the management of digital records and electronic resources, and how to manage these alongside analogue resources.

gla.ac/1Ger54w
humanities-pg@glasgow.ac.uk

Programme structure

You will develop skills in the core competencies of archives, records, and information management, creating and managing digital records, digital curation and preservation issues, archival theory, user needs, and description, cataloguing and navigation.

The programme consists of six courses spread over two semesters. You will take courses in:

- Archives and records information management
- Records and evidence
- Description, cataloguing and navigation
- Management, curation and preservation of digital materials.

Optional courses include:

- 2D digitisation
- Law for cultural heritage institutions
- Archives and records theory
- Records and the transition to the digital
- Palaeography
- Phenomenology.

To graduate with the MSc you will also need to complete a course in research methods and professional studies, and produce a dissertation.

Career prospects

As a graduate, you will be well placed for a career as an archivist, records manager or digital curator within a variety of public and private organisations.

Positions held by recent graduates include Assistant Archivist and Records Manager.

Why Glasgow

- The programme is designed for those with a vocational interest in records management, archives and digital curation. It will prepare you to work in these fields, and give you a thorough grounding for continuing with research.
- You will complete a two-week work placement in an archive, records management or digital repository.

Museum Studies

MSc: 12 months full-time; 24 months part-time

The Masters in Museum Studies will help you develop the knowledge, understanding and skills required of today's versatile museum professional. It has been designed in conjunction with employers to meet their needs for well-rounded museum professionals trained in the latest theoretical and practical approaches.

gla.ac/1GoHk1m
humanities-pg@glasgow.ac.uk

Programme structure

Four different strands of the MSc Museum Studies are offered.

The Theory and Practice strand is our standard museum studies programme, where the museum itself is the primary object of study.

Three specialist strands (History of Collecting and Collections; Artefact and Material Culture; and Dress and Textile Histories) enable you to combine courses in Museum Studies with specialist courses from Masters programmes provided by Archaeology and History of Art.

Each strand will give you a different mix of optional courses.

Core courses

- Introduction to museology
- Research and professional skills.

Optional courses

- Four courses from your chosen strand.

To finish the programme, you choose between:

- Exhibition research and development placement
- Dissertation on a specialist topic of your choice.

Strands

- Theory and practice
- History of collecting and collections
- Artefact and material culture
- Dress and textile histories.

Career prospects

Career opportunities exist in a variety of roles within the cultural heritage sector; these include museums and galleries as well as historic houses, heritage sites and consultancy. Roles range from front of house, education and outreach to collections management, curation, marketing and management.

Why Glasgow

- Glasgow's civic and university collections are the richest and most diverse outside of London and are of international standing.
- Taught alongside staff from Glasgow Museums and the University's own museum and art gallery, The Hunterian, the degree programme provides a combination of academic and practitioner input.

PHILOSOPHY

Philosophy (MSc)

MSc: 12 months full-time; 24 months part-time

This programme is for those with a background in analytic philosophy wishing to pursue further study in philosophy, and is the programme that you should take if you wish to progress to the PhD. It will build on your undergraduate study of analytical philosophy and challenge you to acquire a more specialised, and deeper, understanding of philosophical issues.

gla.ac/1JAS0ub
humanities-pg@glasgow.ac.uk

Programme structure

The degree is driven by a philosophy research methods course, complemented by courses to deepen your understanding in core areas of philosophy and a dissertation that will enable you to develop your own particular philosophical interests in depth.

The degree has three components: a research methods module (40 credits), four optional subject modules (20 credits each) and a dissertation on a specialised topic, supported by a supervisor over the summer (60 credits). Subject areas typically include:

- Ethics
- Political philosophy
- Philosophy of mind
- Metaphysics
- Philosophy of language.

You choose a specialised topic for the subject of your dissertation supported by the wide range of experience of the Philosophy staff.

Career prospects

Philosophy students at Glasgow receive rigorous and personalised training in problem-solving skills, writing skills, presentation and research skills.

All these skills are widely applicable and recognised to be exceptionally valuable in a wide range of careers, including journalism, teaching, the Civil Service, local government, business, publishing, law and the arts.

This degree also provides an exceptional foundation for philosophical research at the doctoral level.

Why Glasgow

- You will work closely with our staff to deepen your understanding and knowledge of the subject while augmenting your other research skills through writing, delivering presentations and interaction with fellow students.

Philosophy (MLitt)

MLitt: 12 months full-time; 24 months part-time

This degree will enable you, if you don't already have a degree in analytic philosophy, to gain in-depth knowledge of the core areas of the subject and to acquire the key research skills for pursuing and developing your own philosophical interests.

gla.ac/1FjpmG
humanities-pg@glasgow.ac.uk

Programme structure

The programme has three components:

1. Introduction to analytic philosophy (40 credits)
2. Four optional courses drawn from the following range of subjects (20 credits each):
 - moral philosophy
 - epistemology
 - political philosophy
 - metaphysics
 - philosophy of language
 - philosophy of logic and mathematics
 - origins of analytic philosophy
 - philosophy of religion
 - philosophy of Scottish enlightenment.
3. A dissertation guided by individual support from an expert supervisor (60 credits).

Career prospects

Philosophy students at Glasgow receive rigorous and personalised training in problem-solving skills, writing skills, presentation and research skills. All these skills are widely applicable and recognised to be exceptionally valuable in a wide range of careers, including journalism, teaching, the Civil Service, local government, business, publishing, law and the arts. You will also be well equipped to progress to a further degree in philosophy such as a PhD.

Why Glasgow

- The study of philosophy at Glasgow builds on a prestigious history that includes the achievements of great thinkers such as Francis Hutcheson, Adam Smith and Thomas Reid.
- Today, we continue their tradition of free enquiry and intellectual innovation through our teaching and research, including the Centre for the Study of Perceptual Experience and the Forum for Philosophy and Religion.

MODERN LANGUAGES & CULTURES

We bring together experts in French, German, Spanish, Catalan, Portuguese, Italian, Russian, Czech, Polish, Chinese (Mandarin), comparative literature and translation studies.

- We have around 40 academic staff who are experts in a broad range of fields, and native language teachers in all subject areas.

- The school hosts a large number of research seminars, workshops and lecture series, featuring both academics from Glasgow and distinguished international visiting speakers. You will participate fully in these events, and also run your own Postgraduate Forum at which you will have the opportunity to present your work.

- Our excellent resources include a Language Centre Library, which has a collection of digital, audiovisual and printed materials. Some 10,000 items are currently available in over 60 languages, at levels from beginner to advanced, including language materials for professions such as engineering and law.

- The University Library has substantial holdings in all major European languages, comprehensive electronic resources, and a richly endowed Special Collections department.

- The school is home to the Stirling Maxwell Centre, a research centre devoted to text and image studies, which has a major collection of emblem books, as well as a large resource of graphic novels and comic books.

Postgraduate research programme

There is a range of full- and part-time study options available. Our research programmes include MRes, MPhil (Research), MLitt (Research) and PhD.

Research interests

- Translation studies:** all aspects of translation theory, history and methodology in relation to the range of languages and academic specialisms within the school and college.
- Comparative literature:** broad scope for intercultural and interdisciplinary research across the school and college, and could include English, classics, history, art history, politics, theology or philosophy.
- French:** literature, culture and theory from the Middle Ages to the 21st century; text and image studies, including contemporary cinema; postcolonial Francophone studies; contemporary French thought.
- Hispanic:** Latin American literature, culture, history; Catalan studies; Brazilian cinema; Lusophone literature and culture; modernism and the avant-garde in Spain.
- German:** medical humanities in modern Germany; modern German thought (Nietzsche, Freud); gender studies and feminist thought; literature and culture from the 18th to 21st centuries.
- Italian:** modern Italian literature and culture; women and 20th century Italy; modern Italian poetry; the Italian neo-avant-garde; contemporary Italian theatre.
- Slavonic:** contemporary Russian, Czech and Polish literature, history and culture; Communist and post-Communist mass media and cinema; Holocaust.

The school is home to the Stirling Maxwell Centre, a research centre devoted to text and image studies.

Find potential supervisors

You are welcome to contact individual staff members to discuss a potential research topic before applying:

Visit: www.glasgow.ac.uk/mlc/staff
Tel: +44 (0)141 330 5335
Email: carolyn.donaldson@glasgow.ac.uk

TESOL (Teaching English to Speakers of Other Languages)

The School of Modern Languages & Cultures and the School of Education jointly offer a TESOL MSc programme. For more information please see page 146.

Comparative Literature

MLitt: 12 months full-time; 24 months part-time

The Masters in Comparative Literature offers interdisciplinary study across linguistic cultures as well as academic fields.

gla.ac/10k3c59
laura.martin@glasgow.ac.uk

Programme structure

The programme is comprised of two core courses, a selection of optional courses, and an independent research project (dissertation), which provides an opportunity for you to identify an area of interest for an in-depth critical exploration.

The range of options on offer enables you to create your own Masters programme. It also allows you to work in an interdisciplinary capacity, selecting courses from across the College of Arts, according to personal interests. The programme convener will work with you to construct a portfolio of courses according to your personal aims and objectives.

Core courses

Semester one

- Introduction to comparative literature.

Semester two

- Comparative literature in practice.

Optional courses

You can select from courses from within the school and a wide range of undergraduate Honours courses from across the College of Arts.

The school currently offers postgraduate provision in nine modern European languages. All of these languages are offered at beginner's level and most are also offered at intermediate and advanced levels.

Classical and medieval languages and some other modern languages are also available, taught by other schools.

Career prospects

Our graduates go into the workplace well prepared to work in a global, international environment, as well as in any field requiring sophisticated communication skills. Some common careers include publishing, editing, creative industries and teaching.

Why Glasgow

- The school provides a wide range of languages, with a total of nine European languages from Western, Central and Eastern Europe (Catalan, Czech, French, German, Italian, Polish, Portuguese, Russian, and Spanish) as well as Chinese (Mandarin).
- The programme is suitable whether or not you already have knowledge of one or more foreign languages; you may follow it entirely in English translation, or make use of your linguistic skills in our areas of expertise.

Modern Languages & Cultures

MLitt: 12 months full-time; 24 months part-time

The Masters in Modern Languages & Cultures provides an exciting multidisciplinary forum for advanced study in a wide range of cultures and languages. It offers a high degree of flexibility with taught and research-based elements to allow you to tailor your studies to your own interests. It is a stand-alone programme, but also provides excellent preparation for further research and study.

gla.ac/1zTNAtg
carolyn.donaldson@glasgow.ac.uk

Programme structure

You will take a core course and a selection of optional courses. You will also pursue a specialist interest during the programme and produce a dissertation on this topic with the advice and guidance of your supervisor. There is also the option to study a language from a wide range offered by the school and a range of other optional courses from schools across the University.

Taught courses will contain a mixture of seminars, workshops and one-to-one consultation.

Career prospects

Employers welcome our graduates' abilities to 'think outside the box' in relation to cultures other than their own, as well as their ability to communicate in oral and written form in a logical, coherent, articulate and creative way.

Our graduates go into the workplace well-prepared to work in a global, international environment, as well as in any field requiring sophisticated analytical and communication skills. Some common careers include: publishing, editing, creative industries, and teaching.

The programme also provides an excellent preparation for further study in a wide range of related fields.

Why Glasgow

- The school is highly interdisciplinary with research and teaching in language and translation studies, literary studies, cinema, cultural studies and visual cultures.
- We offer a wide range of languages and cultures. We have specialists in Catalan, Chinese (Mandarin), Czech, French, German, Italian, Polish, Portuguese, Russian and Spanish.

Translation Studies: Translation & Professional Practice

MSc: 12 months full-time; 24 months part-time

PgDip: 9 months full-time

PgCert: 4 months full-time

The MSc in Translation Studies caters to the increasing need for highly skilled and specialist translators across a wide range of industries and settings. It offers ten different advanced languages, and provides an excellent platform to become a professional translator and the essential theoretical foundation to progress to research at doctoral level.

gla.ac/1bA6vEe
carolyn.donaldson@glasgow.ac.uk

Programme structure

Core courses

- Translation studies in theory and practice
- Approaches to translation and the professional environment
- Advanced translation and language study (translation between English and at least one other language).

Optional courses may include

- Marketing and translation across media
- Literary translation studies
- Subtitling film and TV
- Additional advanced translation and language study courses
- Additional language study at beginner, non-beginner, intermediate or advanced level
- Relevant undergraduate Honours courses.

Career prospects

You will acquire skills relevant to a variety of careers that may involve translation or require advanced language and communication skills.

These include:

- Marketing and public relations
- Careers in writing, including publishing, journalism or technical writing
- Language teaching
- International commerce
- Government work
- The creative industries, including TV, film and theatre.

Graduates have taken up posts in translation agencies in the UK and overseas, and work as freelance translators or for translation software companies. Others have moved into language-related careers in teaching, publishing and global commercial organisations or have decided to study for a PhD.

Why Glasgow

- The programme balances translation studies theory with practical translation work, meaning you will develop both academic and professional skills, preparing you for the translation profession or PhD research in the field.
- You will study SDL Trados translation software and hence can complete the MSc with SDL Trados certification.

COLLEGE OF MEDICAL, VETERINARY & LIFE SCIENCES

Research Institutes

Institute of Biodiversity, Animal Health & Comparative Medicine	Page 62
Institute of Cancer Sciences	Page 65
Institute of Cardiovascular & Medical Sciences	Page 66
Institute of Health & Wellbeing Joint with the College of Social Sciences	Page 70
Institute of Infection, Immunity & Inflammation	Page 74
Institute of Molecular, Cell & Systems Biology	Page 76
Institute of Neuroscience & Psychology Joint with the College of Science & Engineering	Page 78

Schools

School of Life Sciences	Page 80
School of Medicine	Page 83
School of Veterinary Medicine	Page 91



A THRIVING COMMUNITY

We bring together internationally renowned experts to advance research in medical, veterinary and life sciences. Our collaborative, interdisciplinary approach means we can study processes at every level of their biological organisation.

Our students benefit from our broad base of science knowledge, state-of-the-art facilities and pioneering teaching methods, preparing them for a wide variety of careers ranging from clinical medicine and veterinary medicine, to biological and environmental science, in academic, commercial and public sectors.

Research environment

Our research generates an annual income of over £80m and is focussed on improving the health and quality of life of humans and animals across the globe.

Our college is composed of seven research institutes and three schools, each designed to enhance multidisciplinary approaches to tackle major national and global bioscience and biomedical challenges.

Learning environment

Our graduate school provides a vibrant, supportive and stimulating environment for all our postgraduate students. We aim to provide excellent support for our postgraduates through dedicated postgraduate convenors, highly trained supervisors and pastoral support for each student.

Our over-arching aim is to provide a research training environment that includes:

- provision of excellent facilities and cutting edge techniques
- training in essential research and generic skills
- excellence in supervision and mentoring
- interactive discussion groups and seminars
- an atmosphere that fosters critical cultural policy and research analysis
- synergy between research groups
- extensive multidisciplinary and collaborative research
- extensive external collaborations both within and beyond the UK
- a robust generic skills programme including opportunities in social and commercial training.

83%

of research submitted was confirmed to be internationally excellent and three REF submissions ranked within the UK top 10.

Career development

Specialist equipment and safety training is provided by postdoctoral staff and experienced technicians. You will be encouraged to visit other labs within the University and beyond to gain knowledge in specialised techniques and equipment. If it is relevant to your studies, you may be able to access training in statistics, computer programming for biologists and geographic information systems.

You will be encouraged to publish your work and attend conferences where appropriate, and you may have the opportunity to participate in competitions and courses such as Enterprisers, BBSRC Biotechnology YES, and the University's Big Idea.

Resources and facilities

As a postgraduate student in our college you will enjoy access to a range of facilities including:

- the Glasgow Biomedical Research Centre, which offers a multidisciplinary environment studying topics from molecular structure through to microbiology, molecular parasitology and immunobiology
- the British Heart Foundation Glasgow Cardiovascular Research Centre, which is an experimental and clinical facility that integrates research and clinical practice
- the Beatson Institute, which is one of Cancer Research UK's core funded institutes, with state-of-the-art technologies supporting cutting-edge research
- our Veterinary School at the University's Garscube Campus, which includes the Small Animal Hospital, the Weipers Centre for Equine Welfare and the new Scottish Centre for Production Animal Health & Food Safety
- the Scottish Centre for Ecology & the Natural Environment (SCENE), which is the foremost field station in Scotland for teaching, training and research in ecology and environmental sciences.

With the NHS, the University of Glasgow has led the development of new teaching and clinical research facilities at the new Queen Elizabeth University Hospital. These include:

- A £25M purpose-built Teaching & Learning Centre for training of undergraduate medical, postgraduate and nursing students alongside NHS staff.
- A new £5M Clinical Research Facility to ensure that the hospital is at the forefront of clinical trials of new medicines.
- A £32M Imaging Centre of Excellence, opening in 2016, which will include a 7 Tesla MRI scanner, an ultra-high resolution scanner which will be the first of its kind on a clinical site in the UK, and world-leading clinical academic expertise in stroke, cardiovascular disease, and brain imaging.



Funding and scholarships

We have a range of scholarships and funding opportunities available for home and international students: www.glasgow.ac.uk/mvlsgraduate

Funded PhD programmes

Medical Research Council (MRC)-supported programmes, aligned with MRC research priority areas, provide funding towards studentships each year. Multidisciplinary approaches to questions of medical importance are encouraged. See: www.glasgow.ac.uk/mrcdtp

British Heart Foundation (BHF)
The BHF four-year programme provides training in a range of research topics including myocardial biology and electrophysiology; cerebrovascular disease; cell signalling; modelling and structural biology and clinical trials, epidemiology, and public health. See: www.glasgow.ac.uk/bhf

Bespoke funded PhD studentships

Our research institutes secure funding for many fascinating PhD projects throughout the year. For the latest opportunities, see: www.glasgow.ac.uk/fundedphd

Research programmes

- PhD (Doctor of Philosophy)
- MD (Doctor of Medicine)
- MPhil (Master of Philosophy) Research
- MSc (Master of Science) by Research
- MVM (Master of Veterinary Medicine).

For details of research degrees and how to apply, visit page 25.

Student/supervisor-led application

If you have your own funding, for example from a government/employer, or would want to seek funding through one of our supervisors, you can review some of our recent PhD projects on our website, which will give you an idea of some of the possibilities available to you. From there you can contact academic staff members to discuss a potential research project before applying. See: www.glasgow.ac.uk/research/opportunities. For details of how to apply see page 25.

Taught programmes

We recently began an exciting re-structure of our 50 postgraduate programmes. The aim was to ensure that we offer the best student experience to our Masters cohort, key to this was clustering related programmes together and allowing students to choose optional courses from all of the associated programmes. This gives students the opportunity to tailor and specialise their Masters programme to suit their interests, offering choice from a much wider range of programmes.

Our taught-degrees usually last for one year (full-time) and are delivered through a range of structured classroom and seminar activities, led by academic members of staff, many world-leaders in their field. These activities run alongside more independent but supervised (typically one-to-one) learning experiences.

For details of how to apply see page 24.

Research conducted at Glasgow into the links between human activity, ecological changes and the overall health of ecosystems has been honoured with a Queen's Anniversary Prize for Higher and Further Education – the highest form of national recognition open to a UK academic institution.

The award to our Boyd Orr Centre for Population & Ecosystem Health highlights the scientific excellence and global importance of the centre's research, which tackles some of the world's most serious infectious diseases in innovative ways.

www.glasgow.ac.uk/boydorrr

Contact

Tel: +44 (0)141 330 5800
Email: mvls-gradschool@glasgow.ac.uk

BIODIVERSITY, ANIMAL HEALTH & COMPARATIVE MEDICINE

We link research on animal diseases, production and welfare with ecological and evolutionary approaches, working at multiple biological levels.

- If you study with us, you will join a community of around 40 postgraduate taught and 60 postgraduate research students.
- With an established reputation for research strengths in ornithology and fish biology, we also study a diverse array of other organisms, including a range of pathogens, amphibians, reptiles and mammals.
- Our institute has excellent resources: modern molecular ecology labs, dedicated computational facilities, and animal holding capacity. We have eight temperature controlled aquarium rooms (seawater and freshwater) and 12 rooms for holding other vertebrates, as well as a series of laboratories equipped for molecular, biochemical and physiological analyses, backed up by skilled technical staff.
- The Scottish Centre for Ecology & the Natural Environment on Loch Lomondside has Home Office designated aquarium rooms including observation stream tanks, together with analytical labs maintained by permanent staff. It provides easy access to a diverse range of habitats including Loch Lomond itself, nearby rivers, lakes and streams, coniferous and broadleaf woodland, agricultural pastures, moorland and mountain.

Postgraduate research programme

We welcome enquiries from both PhD and MSc by Research applicants.

Research interests

- Physiological ecology
- Life history strategies and development
- Behavioural ecology
- Marine and freshwater biology
- Community ecology and population dynamics
- Applied ecology
- Epidemiology and wildlife disease
- Host-pathogen co-evolution
- Bioinformatics
- Conservation biology
- Molecular ecology and evolutionary genetics
- Theoretical ecology
- Evolutionary biology.

Find potential supervisors

You are welcome to contact individual staff members to discuss a potential research topic before applying:

Visit: www.glasgow.ac.uk/bahcm/staff
Tel: +44 (0)141 330 4779
Email: Christopher.Bevan@glasgow.ac.uk

Entry requirements

For entry requirements and how to apply, see page 25.

Scholarships and fees

For scholarships and fees, see pages 26 – 27.

Our Scottish Centre for Ecology & the Natural Environment provides state-of-the-art laboratories, experimental streams and aquariums for research, helping towards an understanding of pollution, environmental change and loss of biodiversity. www.glasgow.ac.uk/scene

Animal Welfare Science, Ethics & Law

MSc: 12 months full-time
PgDip: 9 months full-time



Animal welfare science and ethics is an expanding topic of international concern. It aims to improve our knowledge and understanding of animals' needs, which is required to provide a high standard of care to the whole range of captive animals.

www.gla.ac/113lxhT
ruedi.nager@glasgow.ac.uk

Programme structure

The programme provides a strong grounding in welfare theory, research skills and practical application.

Core courses

- Key research skills: Scientific communication; Introduction to R; Advanced linear models; Experimental design and power analysis
- Animal ethics
- Animal welfare science
- Legislation related to animal welfare
- Independent research project.

Optional courses

- Enrichment of animals in captive environments
- Care of captive animals
- Biology of suffering
- Assessment of physiological state
- Freshwater sampling techniques.
- Invertebrate identification
- Vertebrate identification
- Molecular analyses for DNA barcoding and biodiversity measurement
- Phyloinformatics
- Conservation genetics and phylodynamics
- Infectious disease ecology and the dynamics of emerging disease
- Single-species population models
- Multi-species models
- Spatial processes
- Introduction to Bayesian statistics.

Career prospects

Students are exposed to potential work places and can make valuable contacts with professionals in the welfare community. Where possible this is a two-way exchange in which communities are offered help with any issues they have and for which assistance may be provided in finding a solution (e.g. through independent research projects, supervised by university staff).

Why Glasgow

- This Masters programme is offered by the Institute of Biodiversity, Animal Health and Comparative Medicine (IBAHCM); a grouping of top researchers who focus on combining ecology and evolution with more applied problems in animal health and welfare.
- You will be taught by research-active staff using the latest approaches in understanding and responding to animal welfare-related issues, legislation related to use of animals and ethics.

Ecology & Environmental Biology

MRes: 12 months full-time
PgDip: 9 months full-time

This Masters programme is mainly intended to provide training for students who hope to enter a PhD programme in the areas of ecology and environmental biology, and who want to develop research skills and experience in ecological and environmental disciplines.

www.gla.ac/10NHQF
dominic.mccafferty@glasgow.ac.uk

Programme structure

The programme consists of a taught component, and two research projects in individual laboratories and/or field-based.

The taught component consists of core research skills and specialist options in analytical and sampling techniques.

The main part of the degree, however, is devoted to experience of research which is a key feature of this programme.

Core courses

- Key research skills: Scientific communication; Introduction to R; Advanced linear models; Experimental design and power analysis
- 2 Research Projects.

Optional courses

- Freshwater sampling techniques
- Invertebrate identification
- Vertebrate identification
- Molecular analyses for DNA barcoding and biodiversity measurement
- Phyloinformatics
- Conservation genetics and phylodynamics
- GIS for ecologists.

Career prospects

The programme will provide an excellent training for those who want to undertake a PhD programme and enter ecological management or conservation businesses. It should also serve as an excellent introduction to research in the UK for overseas students intending to proceed to a PhD in this country. Some of the institutions/ organisations our MRes students have gone on to:

- Bremen Institute for Tropical Marine Ecology (ZMT)
- Victoria University, Wellington (New Zealand)
- The University of Western Australia.

Some of the more exotic locations for MRes projects in recent years have included southern Brazil, Trinidad and Tobago and Kuwait.

Why Glasgow

- The programme draws on the research expertise of a large number of University staff and allows you the chance to obtain experience in a wide range of modern research techniques.
- There is considerable expertise in this area of biology available at Glasgow, especially in ornithology, fish biology, aquatic ecosystems, and theoretical, physiological, molecular and evolutionary ecology.

Quantitative Methods in Biodiversity, Conservation and Epidemiology

MSc: 12 months full-time
PgDip: 9 months full-time

This Masters combines ecology, evolution, epidemiology and animal ethics into one integrated programme. It is offered by the Institute of Biodiversity, Animal Health and Comparative Medicine (IBAHCM), a grouping of top researchers who focus on combining ecology and evolution with more applied problems in animal health and welfare.

www.gla.ac/1zTPH01
roman.biek@glasgow.ac.uk

Programme structure

Core courses

- Key research skills (scientific writing, introduction to R, advanced linear models, experimental design and power analysis)
- Measuring biodiversity and abundance
- Programming in R
- Independent research project.

Optional courses

- Freshwater sampling techniques
- Marine sampling techniques
- Invertebrate identification
- Vertebrate identification
- Molecular analyses for DNA barcoding and biodiversity measurement
- Phyloinformatics
- Conservation genetics and phylodynamics
- Infectious disease ecology and the dynamics of emerging disease
- Single-species population models
- Multi-species models
- Spatial processes
- Introduction to Bayesian statistics
- Animal welfare science
- Legislation related to animal welfare
- Enrichment of animals in captive environments
- Care of captive animals
- Biology of suffering
- Assessment of physiological state.

Career prospects

You will gain core skills and knowledge across a wide range of subjects that will enhance your selection chances for competitive PhD programmes. In addition to academic options, career opportunities include roles in zoos, environmental consultancies, government agencies, ecotourism and conservation biology, and veterinary or public health epidemiology.

Why Glasgow

- This programme encompasses key skills in monitoring and assessing biodiversity critical for understanding the impacts of environmental change.
- It covers quantitative analyses of ecological and epidemiological data critical for animal health and conservation, and ethics and legislative policy critical for promoting humane treatment of both captive and wild animals.

Wildlife & Livestock Management

MSc Online Distance Learning:

24 months part-time

PgDip: ODL 12 months part-time

PgCert: ODL 12 months part-time

Humans are dependent on and live in close proximity to their livestock and the interfaces of livestock with wildlife are permeable and complex. This programme addresses a clear need to integrate ecological disciplines with studies of disease in wildlife, livestock and human populations, along with concepts of land management, livestock production and wildlife management.

gla.ac/1Sk4PhQ

nicholas.jonsson@glasgow.ac.uk
florence.mcgarrity@glasgow.ac.uk

Programme structure

The programme is structured for online delivery, however electives have been developed to provide fieldwork opportunities for those who are interested in progressing to a higher level of application.

Core courses

- Wildlife and livestock management
- Ecological principles
- Environment genetics and animal physiology
- Veterinary public health and service delivery
- Pathogens and disease
- Landscape and climate
- Dissertation.

Optional courses

- Wildlife and livestock management field exercises
- Wildlife chemical immobilisation, restraint and capture
- European game management
- Wildlife management in zoos and wildlife parks.

Career prospects

This programme will suit students who need to broaden their knowledge and skills to improve their employability in organisations that have a mandate to provide services to diverse stakeholders in complex systems.

Why Glasgow

- You can carry out a research project in an internationally recognised centre of excellence, working with world-leading researchers in animal science and ecology.
- Fieldtrips are organised to outstanding places where wildlife, livestock and humans coexist with varying degrees of success. In 2015/16, these include the Kalahari, the Okavango Delta and the Scottish Highlands.

‘Studying at Glasgow gave me an opportunity to organise an expedition to study coral reefs in Nabq, Egypt. The training in underwater visual census techniques and use of multi-variate statistical packages that I acquired during my studies have been essential for my current job with an NGO in India, characterising the grouper fishery of the Andaman Islands.’

Sahir, India
Ecology & Environmental Biology
(MRes) graduate

CANCER SCIENCES

The Institute of Cancer Sciences carries out a programme of world-class science directed at understanding the molecular changes that cause cancer.

- If you study with us, you will join a community of 96 postgraduate research students.
- We are working to translate scientific discoveries into new drugs or diagnostic and prognostic tools that benefit patients, taking new therapies through preclinical and clinical trials.
- The institute is part of a national centre of excellence in the fight against cancer. We are a major component of the Cancer Research UK West of Scotland Cancer Centre and a partner with the Beatson Institute for Cancer Research.
- The University, with support from its partners and fundraisers, has invested heavily in building new state-of-the-art research facilities.
- The Paul O’Gorman Leukaemia Research Centre incorporates the latest research technologies and attracts international leaders in leukaemia research.
- The Wolfson Wohl Cancer Research Centre focuses research on pancreas, prostate, ovary, neuro-oncology, melanoma and gastrointestinal cancers. The facility incorporates genomics, biomarkers, radio-biology, target validation, drug development, pathology and preclinical trials.
- The Institute of Cancer Sciences is part of a national centre of excellence in the fight against cancer. We carry out a programme of world-class science directed at understanding the molecular changes that cause cancer.

Cancer Sciences

MSc: 12 months full-time

gla.ac/1Djdirp
torsten.stein@glasgow.ac.uk
katherine.west@glasgow.ac.uk

Our programme takes a ‘bench to bedside’ approach, enabling graduates to work within a multidisciplinary environment of world-leading scientists and cancer-specialists to address the latest challenges in cancer diagnosis, research and treatment, including the complexities of early and effective diagnosis, identifying cancer- and patient-specific treatment, and overcoming partial response and recurrence after treatment.

Programme structure

- Semester 1: hallmarks of cancer
- Semester 2: You can choose from a range of optional courses, before taking the core course ‘designing a research project’
- Drug discovery
- Drug development and clinical trials
- Viruses and cancer
- Diagnostic technologies and devices
- Technology transfer and commercialisation of bioscience research
- Current trends and challenges in biomedical research and health
- Frontiers in cancer sciences
- Omic technologies for the biomedical sciences: from genomics to metabolomics

- Designing a research project: biomedical research methodology
- Semester 3: bioscience research project.

Note: students must have a minimum of grade C in semesters 1 and 2 in order to proceed to the research project.

Career prospects

The knowledge and transferable skills developed in this programme will be suitable for those contemplating a PhD or further medical studies; those wishing to work in the health services sector; and those interested in working in the life sciences, biotechnology or pharmaceutical industries, including contract research organisations (CROs). This programme is designed for students with undergraduate degrees in the life sciences, scientists working in the pharmaceutical and biotechnology industries, and clinicians and other healthcare professionals.

Why Glasgow

- You will be taught by a multidisciplinary team of world-leading cancer scientists and clinicians within the Cancer Research UK Glasgow Centre.
- This programme is unique in the UK, as it delivers integrated teaching in molecular biology, pathology and clinical service.

‘We regard the training and career development of students as essential in our mission to support cancer research of the highest standard. The institute has an excellent reputation and success record in training its postgraduate students who go on to research positions throughout the world.’

Professor Jeff Evans is the director of the Institute of Cancer Sciences and leads the Glasgow Experimental Cancer Medicine Centre.

CARDIOVASCULAR & MEDICAL SCIENCES

The Institute of Cardiovascular & Medical Sciences offers outstanding training opportunities and facilities.

- If you study with us, you will join a community of 75 postgraduate taught and 125 postgraduate research students.
- Working in basic, translational and clinical research, our strength is in elucidating mechanisms of cardiovascular disease, identifying biomarkers of disease and developing and designing novel therapeutic strategies that will lead to clinical trials.
- Our purpose-built British Heart Foundation (BHF) Cardiovascular Research Centre houses state-of-the-art laboratories, sophisticated imaging equipment for experimental and clinical use, confocal microscopy, and high throughput genotyping and biomarker facilities. There is also a fully staffed clinical research facility within the centre, jointly run with NHS Greater Glasgow & Clyde.
- We are one of only six BHF Centres of Excellence in the UK. At the BHF MRI Facility, we have a new 3.0 Tesla Siemens MRI scanner which provides cardiovascular research imaging, both experimental and clinical, at high field strengths.
- Sport and exercise students can benefit from access to the resources of the National Stadium Sports, Health & Injury Clinic at Hampden Park.

Postgraduate research programme

We welcome enquiries from MD, MRes, MSc by Research and PhD applicants.

Research interests

- **Vascular science and medicine:** we focus on elucidating mechanisms of vascular injury that underlie cardiovascular disease (CVD), including hypertension, pulmonary hypertension, atherosclerosis, restenosis, ischaemia reperfusion injury and stroke. Our goal is to advance knowledge, identify and validate new targets for therapy and translate this knowledge into the clinic.
- **Clinical trials and implementation:** the University has a long history of involvement in major clinical trials such as the West of Scotland Coronary Prevention Study, which was a landmark study leading to the current worldwide use of statins. Our research in this area includes: diabetes and metabolic medicine; electrocardiology; heart failure and cardiovascular trials; improving arm function after stroke; allopurinol and stroke; reflux disease; cardiovascular disease and diabetes trials; stroke, cognition and elderly care.
- **Diabetes, obesity and associated cardiovascular diseases:** we are trying to define simple ways to identify those at risk of developing diabetes as well as women who are at risk of developing diabetes while pregnant. We also study obesity, pre-eclampsia, metabolic syndrome and hypertension. Using large clinical populations and novel biochemical techniques to measure compounds in patients' blood (biomarkers), we hope to develop new simple tests to identify individuals at risk and to develop novel treatment and preventative strategies.

- **Cardiac physiology:** our research spans basic cardiac biology and physiology with clinical cardiology. Several groups are interested in the electrical and mechanical properties of the heart after an MI. Advanced biophysical techniques are used to study cardiac physiology, including single and multicellular electrophysiology, intracellular Ca imaging, confocal microscopy, impedance catheter and MRI imaging.
- **Genetics, genomics and systems medicine:** we conduct studies into genetics and genomics of human cardiovascular disease. We also study gene expression at the early stages of diseases such as pre-eclampsia in order to unravel the molecular and genetic basis of human cardiovascular disorders.

Find potential supervisors

You are welcome to contact individual staff members to discuss a potential research topic before applying:

Visit: www.glasgow.ac.uk/icams/staff
Tel: +44 (0)141 211 2513
Email: dorothy.ronney@glasgow.ac.uk

Entry requirements

For entry requirements and how to apply, see page 25.

Scholarships and fees

For scholarships and fees, see pages 26 – 27.

Cardiovascular Sciences

MSc (MedSci): 12 months full-time

Cardiovascular disease is projected to remain the single leading cause of death over the next two decades, accountable for considerable disability and reduction in quality of life. This Masters in Cardiovascular Sciences will include specialist training in the epidemiological nature of the disease, in combination with analysis of the cellular and molecular mechanisms that underlie its development.

www.gla.ac.uk/1KcdP4a
cams-ins-cvsciences@glasgow.ac.uk

Programme structure

Core courses

- Clinical aspects of cardiovascular disease
- Established and novel research techniques
- Evidence based research in medicine
- Medical statistics
- Topics in therapeutics
- Pharmacogenomics and molecular medicine.

Optional courses

- Basic science diabetes and vascular disease
- Clinical and research audit.

In addition to the taught courses, you will take part in student-led critical review sessions where you will provide a critical appraisal of a scientific research paper taken from the current literature. You will also take part in an introductory session on how to review a scientific paper, designed to give you experience of reading, summarising and presenting the findings of a scientific publication in a critical manner.

In addition you will undertake a dissertation/project supervised by an established cardiovascular researcher.

Career prospects

Successful graduates will emerge equipped with the skills necessary for a career in the highly competitive field of cardiovascular research. Career opportunities include education, clinical translational cardiovascular research, public health bodies and commercial industrial research in the field of cardiovascular medicine. Students who have completed this programme are currently employed in the NHS, academia and industry or studying for a PhD.

Why Glasgow

- This course is provided by world-leading experts in the BHF Glasgow Cardiovascular Research Centre.
- Cardiovascular Medicine at Glasgow has a research grant income of £50m.
- You will undertake a research project with an established cardiovascular researcher.

Clinical Pharmacology

MSc (MedSci): 12 months full-time; 24 months part-time

This Masters programme in Clinical Pharmacology offers focused training which integrates basic and clinical sciences, and equips students with the essential skills required to function effectively as a clinical pharmacologist in the 21st century. As a student on the programme, you will acquire core skills, leading to an appreciation of how to apply clinical pharmacological, regulatory and ethical principles to the optimisation of therapeutic practice and clinical research. Crucially, in addition to a firm grasp of the principles of molecular pharmacology, you will also gain foundational knowledge in the emerging science of pharmacogenomics and personalised medicine.

www.gla.ac.uk/1M20qOv
cams-ins-clinpharm@glasgow.ac.uk

Programme structure

You will attend lectures, seminars and tutorials and take part in lab, project and team work.

Students will undertake a suite of compulsory courses which will account for 120 credits plus a dissertation/project of 60 credits in order to fulfill the requirements of the MSc.

Core courses

- Principles of pharmacology
- Drug disposition
- Pharmaceutical medicine
- Topics in Therapeutics
- Pharmacogenomics and Molecular Medicine
- Medical Statistics.

Career prospects

Career opportunities include positions in academia, healthcare and the pharmaceutical industry; returning to more advanced positions within a previous clinical environment (eg pharmacists, clinicians); and PhD study.

Why Glasgow

- This popular and long-established programme is one of only a few UK postgraduate degrees focusing on clinical pharmacology in sufficient detail to allow you to make an informed choice about pursuing a career in this field.
- Teaching is delivered by a range of professionals – including world-leading scientists, senior clinicians, representatives from the pharmaceutical industry, pharmacists and other health care professionals.
- The programme is based on the site of the new £842m Queen Elizabeth University Hospital, which brings together clinical, academic, research and industrial partners on a single site.

Clinical Trials & Stratified Medicine

MSc: 12 months full-time

Stratified Medicine holds huge potential in the timely development of new treatments for human disease. It is among the most important concepts to emerge in 21st century clinical science and will be a crucial component of the global drive to increase the efficacy, safety and cost effectiveness of new treatments. This new taught postgraduate Masters programme draws on the current and future needs of the life sciences sector, to create a highly skilled workforce.

www.gla.ac.uk/1femE3C
cams-ins-ctsm@glasgow.ac.uk

Programme structure

Students will undertake core courses which will account for 90 credits and a further 30 credits from options which will enable students to personalise their degree to better align it with their future career aspirations. Students will also be offered a choice of project.

Core courses

- Topics in therapeutics – general topics and cardiovascular disease
- Pharmacogenomics and molecular medicine – fundamentals of molecular medicine
- Medical statistics 1
- Evidence based research in medicine
- Drug disposition
- Clinical trials: principles and methods.

Optional courses

- Pharmacogenomics and molecular medicine – applied pharmacogenomics and molecular medicine
- Topics in therapeutics – commonly used drugs
- Pharmaceutical medicine
- Medical statistics 2
- Established and novel techniques in cardiovascular and medical sciences research.

Project and assessment

The project will account for the remaining 60 credits.

Career prospects

Graduates of this programme will be competitive applicants for positions in the commercial life sciences sector, or for PhD study in an academic or combined commercial/academic environment.

Why Glasgow

- The programme will cover the principles which underpin the emerging science at the interface between genetics and pharmacology and the clinical evaluation of the resultant new medicines, taught by internationally recognised experts.
- The aim of this programme is to train researchers who can break down the barriers that currently prevent discoveries at the bench from being translated into treatments at the bedside.

Diabetes

MSc (MedSci): 12 months full-time

In response to the global epidemic of obesity and diabetes the University of Glasgow has developed this Masters in Diabetes. To address the immense challenge presented by this disease, it is essential that the researchers and medical practitioners of tomorrow understand the cutting-edge advances and technologies to tackle diabetes.

gla.ac/1GoK139
cams-ins-diabetes@glasgow.ac.uk

Programme structure

This 12-month, full time programme is made up of eight compulsory courses, two of 20 credits each, and six of 10 credits each, and two 10 credit option courses plus a dissertation/project of 60 credits in order to fulfil the requirements of a Masters degree.

Core courses

- Cardio-metabolic disease
- Clinical aspects of diabetes
- Basic science diabetes and vascular disease
- Human physiological and metabolic assessment
- Established and novel research techniques
- Evidence based research in medicine
- Medical statistics.

Optional courses include

- Clinical and research audit
- Pharmacogenomics and molecular medicine
- Diagnostic science in action
- Laboratory methods
- Research in human nutrition.

Project and Assessment

The project will account for the remaining 60 credits.

Career prospects

Graduates may wish to pursue a career in diabetes clinical research, entering clinical translational diabetes research or commercial industrial research. Other opportunities for diabetes specialists are available in education, public health and professions allied to medicine. The MSc Diabetes also provides an excellent basis to pursue PhD research.

Why Glasgow

- This is one of the only MSc programmes in Diabetes focused entirely on diabetes research rather than healthcare management. You will be taught by clinicians and scientists known for their world-class research.
- The University has state-of-the-art research facilities to study obesity, metabolic disease and diabetes from the whole body to the molecular level, and students will undertake a research project/dissertation in this area.
- The University of Glasgow is expert in establishing disease-specific bioresources linked with routinely-acquired anonymised data from the National Health Service in Scotland.

Sport & Exercise Science & Medicine

MSc: 12 months full-time;
24 months part-time.

MSc Online Distance Learning:
3 years part-time

This taught Masters is designed to provide you with an advanced, research-led programme of study in sport and exercise science and medicine. A key strength of this programme is its flexibility, which enables you to specialise in physical activity and health, sports performance, or sports medicine.

gla.ac/113ol9g
cams-ins-sesm@glasgow.ac.uk

Programme structure

The programme is made up of 60 compulsory credits and 3 x 20 credit options (X, Y and Z) plus a research project.

Core courses

- Evidence based research in medicine
- Medical statistics
- Physiological exercise testing 1 – aerobics fitness and physical activity
- Physiological exercise testing 2 – strength, power and intensity domains
- Human physiological and metabolic assessment.

Optional courses

Choose one X, Y and Z option.

Optional courses X

- Physical activity and health: public health, policy and behaviour changes
- Sports injuries: scientific basis of prevention and rehabilitation
- Clinical sports injuries.

Optional courses Y

- Physical activity and health: biological mechanisms
- Motor learning and skill acquisition
- Sport and exercise medicine in practice.

Optional courses Z

- Cellular and molecular exercise physiology
- The world class athlete: nature, nurture and maximising performance
- Exercise in clinical populations.

Career prospects

The flexibility of this programme will provide you with many career opportunities. These include working in clinical exercise, health-promotion or sports science support. A number of our graduates are employed in senior sports science positions with national sporting bodies and professional sports clubs.

Why Glasgow

- This is the only MSc in Scotland that merges Sport and Exercise Medicine and Sport and Exercise Science within a single degree programme, providing a broad range of options across disciplines.
- You will benefit from access to the facilities and resources of the National Stadium Sports, Health and Injury Clinic at Hampden Park – a custom-built, state-of-the-art sports medicine facility.

Stratified Medicine & Pharmacological Innovation

MSc: 12 months full-time



Stratified Medicine holds huge potential in the timely development of new treatments for human disease. It is among the most important concepts to emerge in 21st century clinical science and will be a crucial component in the global drive to increase the efficacy, safety and cost-effectiveness of new treatments.

gla.ac/1HvzXrY
cams-ins-smpi@glasgow.ac.uk

Programme structure

This MSc degree is awarded jointly by the Universities of Glasgow, Aberdeen and Strathclyde. Courses included in this programme are delivered by these three institutions as well as the Universities of Dundee and Edinburgh. Students will be offered a choice of base institution, either Glasgow or Aberdeen. Each base campus has its own programme structure; however students from both campuses will study courses covering three themes totalling 120 credits. Sample courses are included below.

Scientific basis of stratified medicine

- Small molecule drug discovery
- Biologic drug discovery
- Pharmacogenomics and molecular medicine.

Commercialisation of science

- Introduction to bio-business
- Advanced bio-business
- New venture creation
- Regulation and governance of new therapies.

Application of research and evaluation of new technologies

- Clinical trials: principles and methods
- Applied statistics with routine health datasets
- Spatial epidemiology
- Applied health economics.

Project and assessment

- Students will also undertake a project/ placement which will address an industrial need.

Career prospects

Graduates will be able to pursue careers in a variety of academic and industrial areas including clinical research, preclinical lab-based research, business development with expert knowledge in life sciences and bioinformatics/ biostatistics.

Why Glasgow

- Students will be given the unique opportunity to undertake an industry placement as their main project. This fantastic opportunity will be offered by partner commercial organisations/ companies and universities.
- The programme will cover aspects of commercial innovation and entrepreneurial skills, together with the principles which underpin the emerging science at the interface between genetics and pharmacology.

Translational Medicine

MRes: 12 months full-time of a 48-month full-time PhD

This Masters in Translational Medicine is the first year of a British Heart Foundation four-year PhD studentship: it is not offered as an individual programme of study.

gla.ac/1PtMf5z
ruth.bennett@glasgow.ac.uk

Programme structure

The programme is part of a four-year PhD with the first year being an MRes. The MRes is made up of three individual 12-week research placements after an intensive two-week induction. Each project will be based on different themes with three different supervisors. Years 2 – 4 make up the PhD portion of the programme.

Induction

You will be required to attend an in-depth introductory programme, which will provide training in research ethics, statistics, project design, literature review and laboratory safety techniques.

Placements

The induction is followed by three individual research placements. These are at the core of this programme, providing three separate projects to allow you to define your areas of interest for your PhD studies. Each placement is a 12-week project and this will be with three different principal supervisors. You will be encouraged to choose placements beyond your undergraduate subject experience to maximise your exposure to new techniques and science. Supervisors are drawn from a wide range of academic disciplines, such as medicine, biomedical and life sciences, mathematics, electronics and electrical engineering, and veterinary medicine.

Career prospects

You will be taught the practical laboratory skills needed to pursue a career in basic translational medicine and applied science through research projects. After successfully completing year 1, you will be awarded an MRes, and progress to a PhD. The programme produces fully trained scientists ready for progression to academic or industrial careers.

Why Glasgow

- The programme will provide you with the skills needed to assess critically recent advances in biology relevant to human disease.
- It covers the areas of cardiovascular medicine, inflammation and immunology, neuroscience, mathematics, bioinformatics and cell biology, and advances in fundamental biomedical science relevant to integrative mammalian biology.

‘The MRes in Translational Medicine offered a window of opportunity to work with world experts in the field of heart disease and has been a great platform for initiating my academic career in science.’

Audrey, United Kingdom
Translational Medicine (MRes) graduate

HEALTH & WELLBEING

The Institute of Health & Wellbeing works to improve population health and wellbeing and to reduce inequalities within these areas.

- If you study with us, you will join a community of more than 120 postgraduate taught students and 170 postgraduate research students.
- Our researchers cover a wide range of disciplines including: statistics; epidemiology; psychiatry; clinical psychology; general practice; public health; sociology; anthropology; geography; history; economics; and other clinical, social and population health sciences.
- You will join an interdisciplinary grouping of more than 200 staff and benefit from frequent and regular seminar programmes and thematic workshops. Many of our programmes offer you the opportunity to gain advanced knowledge from the country's leading experts and practitioners.
- All of our lectures are given by subject specialists, including clinical academics at the University, as well as many other specialists from around the UK and occasionally internationally. We have collaborative partnerships in place with a range of organisations and, where appropriate, you may have opportunities to complete placements and projects with them.

Postgraduate research programme

We welcome enquiries from MSc by Research, MD and PhD applicants.

Research interests

- Environmental influences on health and wellbeing.
- Inequalities in health and wellbeing.
- The development and evaluation of new technologies to improve health and wellbeing.
- Perceptions, experiences and representations of health and wellbeing.
- Trials and other evaluations of policies, interventions and treatments (both within and outside the healthcare sector) to improve health and wellbeing and reduce inequalities in these.
- Managing health and illness (including self-care, and management in primary and secondary care settings).
- The linkage and analysis of health service and other public data sources to examine trends in and social determinants of health and wellbeing.
- Lifecourse approaches to understanding the determinants of health and wellbeing.

Find potential supervisors

You are welcome to contact individual staff members to discuss a potential research topic before applying:

Visit: www.glasgow.ac.uk/healthwellbeingstaff
Tel: +44 (0)141 221 0692
Email: ihwadmin@glasgow.ac.uk

Entry requirements

For entry requirements and how to apply, see page 25.

Scholarships and fees

For scholarships and fees, see pages 26 – 27.

‘The best things about the Masters I studied were the gaining, fine-tuning and maximising of critical appraisal skills and the ability to extend these skills to other areas of life. In addition, the University’s Careers Service were very helpful.’

Oluwatosin, Nigeria
Public Health (MPH) graduate

Applied Neuropsychology

MSc (MedSci): 12 months full-time; 24 months part-time
PgDip: 9 months full-time; 18 months part-time

This Masters programme in Applied Neuropsychology is designed for those who have qualified in clinical psychology overseas.

www.gla.ac.uk/1DXqjGI
anne.lambie@glasgow.ac.uk

Programme structure

The majority of students on this programme come to Glasgow for a full year of study. This will provide you with the opportunity to carry out a research project which will usually be based in one of our research groups.

All our lectures are given by subject specialists, including clinical academics at the University as well as many other specialists from around the UK and occasionally internationally.

You will take a total of eight courses, arranged into blocks of teaching. Each teaching block lasts two weeks and covers two courses.

Courses

- Context and perspectives in clinical neuropsychology
 - Professional issues and research methods
 - Neuroscience
 - Epilepsy, seizure and sleep disorders
 - Acquired brain injury and disorders of memory, attention and executive functioning
 - Degenerative conditions
 - Stroke and disorders of perception, language, praxis and calculation
 - Paediatric neurology and neuropsychology.
- Plus a research project for MSc students.

Why Glasgow

- The programme has been developed in partnership with NHS Education for Scotland and offers specialist knowledge for clinical psychologists working in the area of clinical neuropsychology.
- The University has a strong tradition of research in clinical neuroscience and neuropsychology.

Clinical Neuropsychology

MSc (MedSci): 12 months full-time; 24 months part-time
PgDip: 9 months full-time; 18 months part-time

This Masters programme in Clinical Neuropsychology is designed for those who are eligible for registration in the UK's Health Professions Council as a clinical psychologist.

www.gla.ac.uk/1PtMYDQ
anne.lambie@glasgow.ac.uk

Programme structure

The majority of students on this programme are clinical psychologists working in the NHS and most complete their programme working part-time over two years, although a small number complete all the teaching blocks in one year.

All our lectures are given by subject specialists, including clinical academics at the University as well as many other specialists from around the UK and occasionally internationally.

You will take a total of eight courses, arranged into blocks of teaching. Each teaching block lasts two weeks and covers two courses.

Courses

- Context and perspectives in clinical neuropsychology
 - Professional issues and research methods
 - Neuroscience
 - Epilepsy, seizure and sleep disorders
 - Acquired brain injury and disorders of memory, attention and executive functioning
 - Degenerative conditions
 - Stroke and disorders of perception, language, praxis and calculation
 - Paediatric neurology and neuropsychology.
- Plus a research project for MSc students.

Why Glasgow

- The programme has been developed in partnership with NHS Education for Scotland and offers specialist knowledge for clinical psychologists and other healthcare professionals working in Scotland and the rest of the UK.
- The programme is accredited by the British Psychological Society Division of Neuropsychology and provides the underpinning knowledge component of the Qualification in Clinical Neuropsychology (QiCN).

Clinical Psychology

DClinPsy: 36 months full-time

This Doctorate in Clinical Psychology is collaboratively funded through NHS Education for Scotland and the University of Glasgow. You will be employed by a local NHS (Scotland) Health Board for the duration of the programme.

www.gla.ac.uk/1KceC5I
dclinpsy@glasgow.ac.uk

Programme structure

The programme follows a modularised structure, which integrates academic teaching, clinical practice education and research training. This process underpins the commitment of the programme team to maximising the synergy between the clinical, academic and research components of training and reflects explicitly our commitment to an integrative educational process.

The programme consists of 16 compulsory courses.

Year 1

- Foundations of clinical psychology
- Foundations of clinical practice 1
- Foundation of clinical practice 2
- Foundation knowledge, understanding and skills
- Service-based evaluation project 1.

Year 2

- Child/family/adolescent theory and practice
- Learning disability theory and practice
- Research methods
- Research practice
- Advanced professional practice 1
- Service-based evaluation project 2.

Year 3

- Advanced practice 1
- Advanced practice 2
- Psychology and the law
- Research practice 2: major research project
- Advanced professional practice 2.

Career prospects

Clinical psychologists have a demanding role working with a wide range of clients, in a variety of health and social care settings, to reduce psychological distress and to enhance and promote psychological wellbeing. This programme produces fit-for-purpose NHS practitioners.

Why Glasgow

- In common with most clinical psychology programmes, the cognitive behavioural approach to psychotherapy is dominant but there is also a substantial teaching input based upon other psychotherapeutic approaches.
- The programme covers a wide geographical area, including Ayrshire and Arran, Greater Glasgow and Clyde, Highland and Lanarkshire, and is varied in terms of rural, urban and inner-city populations.

Global Mental Health

MSc: 12 months full-time;
24 months part-time
PgDip: 9 months full-time;
18 months part-time
PgCert: 9 months full-time;
18 months part-time

This Masters degree is designed to produce graduates who can take charge of mental health service provision at a global level. The MSc in Global Mental Health is unique to Scotland and one of only two in the UK.

gla.ac/1DGAUGF
ross.white@glasgow.ac.uk

Programme structure

The core teaching is based around lectures. There is a strong emphasis on discussion and debate with your academic staff and fellow students, focusing on relevant research literature and policy documents.

Core courses

- Introduction to mental health and disability
- The global burden of mental health difficulties
- Cultural, social and biological determinants of mental health
- Research methods (qualitative, quantitative and health economics)
- Mental health promotion across the lifespan
- Improving access to mental healthcare in the global context
- Mental health and disability: international law and policy
- Dissertation.

Career prospects

Graduates of the MSc Global Mental Health programme establish careers in national mental health policy and planning, and epidemiological and mental health services research, as well as advisory and advocacy roles in governments, international agencies and non-governmental organisations.

Why Glasgow

- You will develop the capacity to think critically about the potential risks of globalising notions of mental illness. You will gain the skills to develop and implement policies aimed at reducing the burden of mental health difficulties worldwide.
- Opportunities exist for students to complete placements with an NHS service that supports the mental health needs of refugees and asylum seekers in Greater Glasgow and Clyde.
- We have collaborative partnerships with organisations working in low- and middle-income countries. You will have opportunities to complete placements and projects with them.

Health Technology Assessment

MSc Online Distance Learning:
24 – 36 months part-time
PgDip Online Distance Learning:
24 months part-time
PgCert Online Distance Learning:
12 months part-time

Health Technology Assessment (HTA) is the assessment of relevant evidence and knowledge on the effects and consequences of healthcare technologies. It contributes to priorities and decisions in relation to prevention, diagnosis, treatment and rehabilitation. This Masters in HTA focuses on the production, critical appraisal and use of scientifically rigorous research evidence, applied to a range of health-related areas.

gla.ac/1GoL4jz
margaret.ashton@glasgow.ac.uk

Programme structure

Core courses

- Statistical methods for HTA and evidence-based medicine
- Health technology assessment: policy and principles
- Health economics for HTA.

Optional courses

- Foundations of decision analytic modelling
- Evidence synthesis
- Outcome measurement and evaluation for HTA
- Economic evaluation alongside clinical trials
- Analysis of linked health data
- HTA in a global context
- Survival analysis for HTA.

Optional course (delivered face-to-face in Glasgow)

- Decision analytic modelling methods for economic evaluation.

Career prospects

HTA has growing importance internationally for informing healthcare decision making and there is increasing demand for employees with HTA relevant skills. Outside the field of HTA, students would be well equipped with qualitative and quantitative research skills for jobs in academia, the pharmaceutical industry, and government information services/statistical agencies.

Why Glasgow

- Our postgraduate taught courses provide a solid grounding in all the major disciplines within the field of HTA. This is unique in Scotland, and is one of few such programmes worldwide.
- Our academics are world-class experts in their fields, who are active not only in research and teaching, but also involved in HTA decision-making at a national level (eg through NICE, SHTAG).

Primary Care

MSc: 12 months full-time;
24 – 60 months part-time
PgDip: 12 months full-time;
24 – 36 months part-time
PgCert: 24 months part-time

International healthcare faces major challenges from the increasing demands of ageing populations and the rise in non-communicable diseases. Strong and effective primary care (family medicine or community medicine) is part of the solution. This MSc in Primary Care will equip you with the knowledge and skills required to make a difference to primary healthcare in the 21st century.

gla.ac/1Djgovr
christine.fitzpatrick@glasgow.ac.uk

Programme structure

The MSc programme is modular in structure, including taught sessions, small group teaching and workshops.

Core courses

- Primary care principles and systems
- Epidemiology, evidence and statistics for primary care
- Research methods.

Optional courses

- Access, equity and health
- Cardiovascular disease management in primary care
- Effective leadership and management in healthcare
- International primary care
- Management of long-term conditions
- Primary care mental health

Students undertaking the MSc will also complete a 15,000 – 20,000 word research project under the supervision of an experienced academic researcher.

Career prospects

Our graduates emerge with the capacity to take a lead role in primary care and family medicine development, whether in Scotland, the UK or internationally. In addition to further PhD study, many have gone on to achieve rapid promotion once they have graduated, including leading primary care teams, secondment to positions within government and sitting on editorial boards of academic journals.

Why Glasgow

- Taught by outstanding, high-profile primary care researchers and practitioners in the UK, you can follow a flexible curriculum – studying full-time or part-time – and work towards the full MSc degree or a postgraduate diploma or certificate.
- Students come from a wide range of primary care, family, community, and internal medicine disciplines, including doctors, nurses, pharmacists, podiatrists, managers and those working in health policy.

Public Health

MPH: 12 months full-time;
24 or 36 months part-time
PgDip: 9 months full-time;
21 or 33 months part-time
PgCert: 5 months full-time;
10 months part-time

Designed for the 21st century practitioner, this Masters in Public Health reflects the multidisciplinary nature of public health with a flexible, innovative curriculum. You will study under the supervision of some of the country's leading experts.

gla.ac/1d8xyH2
margaret.ashton@glasgow.ac.uk

Programme structure

You will attend interactive lectures, seminars and individual tutorials in addition to statistical package computer tutorials and both project and team work.

Core courses

- Principles of public health
- Introduction to statistical methods
- Introduction to epidemiology.

Optional courses (three courses chosen)

- Communicable diseases
- Environmental health
- Further epidemiology and statistics
- Globalisation and public health
- Health economics (online learning)
- Health promotion: principles and practice
- Managing healthcare organisations
- Oral health (this course is offered every second year)
- Psychosocial approaches to public health
- Qualitative research methods.

If you are studying for the MPH, you will also undertake a research project of 15,000 – 20,000 words.

Career prospects

Career opportunities include specialist registrar and consultant positions in public health, lecturer, clinical university teacher, health development manager, public health adviser, health programme specialist, epidemiologist, and research positions.

Why Glasgow

- The University of Glasgow has been involved in teaching public health since 1839. The Master of Public Health (MPH) programme has been taught since 1981. Over the years the programme has responded to the changing emphasis in public health debates.
- Teaching is provided by academics and practitioners from a wide variety of disciplines including; health protection Scotland, environmental health, and public health medicine and business/management.

‘This is a programme that every clinical psychologist should attend. The teaching is provided by leading academics and professionals who are pushing the frontiers of neuropsychological research and practice. There is excellent internal academic and administrative support consistently throughout the course. The skills and knowledge acquired are directly applicable to a variety of clinical neuropsychology settings and the value added to clinical psychology employers is immediately obvious.’

Michael, Greece
Clinical Neuropsychology
(MSc (MedSci)) graduate

INFECTION, IMMUNITY & INFLAMMATION

The Institute of Infection, Immunity & Inflammation comprises scientists and clinicians working to combat infectious, autoimmune and inflammatory diseases.

- If you study with us, you will join a community of 26 postgraduate taught and 150 postgraduate research students.

- You will be taught by scientists and clinical investigators who possess the broad expertise necessary to assist you in achieving your goals. Our academics include geneticists, molecular and cell biologists, biochemists, immunologists, bacteriologists, virologists, parasitologists, pathologists and clinical investigators.

- Our expertise is supported by basic science technology, integrated seamlessly with translational clinical trial facilities. We also have numerous research links with disease endemic countries, in particular in Africa.

- Research facilities include core facilities in fluorescence activated cell sorting analysis, histology and state-of-the-art imaging.

- We also offer the IVIS imaging system, high content screening microscopy, mass spectrometry, an X-ray capable FX Pro bioluminescence imaging system and a protein purification service.

- A number of funding opportunities are available, see: www.glasgow.ac.uk/pgtscholarships

Postgraduate research programme

We welcome enquiries from PhD applicants.

Research interests

- **Immunology and inflammation:** incorporates cytokine and chemokine biology, immune cell signalling, advanced imaging technologies, and cellular and gut immunology. Our translational efforts are focused on rheumatoid arthritis, dermatology, and respiratory and central nervous system immune and inflammatory diseases.

- **Microbiology:** our interests lie in the interaction between bacterial pathogens and their hosts at the mucosal interface. We study key virulence determinants of bacterial pathogens and the host factors that influence outcome of disease, particularly within the immune system. Using both animal models and human systems, we aim to develop better drugs and vaccines for the treatment and prevention of infection.

- **Parasitology:** we address a diverse set of features that are core to parasite persistence, diversification and disease, including metabolism, gene expression, drug resistance, immune evasion, invasiveness, differentiation, parasite biology and pathogenesis.

- **Virology:** research is carried out in the Medical Research Council–University of Glasgow Centre for Virus Research (CVR). The expertise of the principal investigators of the CVR covers various aspects of virus research, ranging from molecular virology to in vivo pathogenesis, virus–cell interaction, viral immunology, viral ecology, clinical virology, virus epidemiology, mathematical modelling and bioinformatics.

Find potential supervisors

You are welcome to contact individual staff members to discuss a potential research topic before applying:

Visit: www.glasgow.ac.uk/iii/staff
Tel: +44 (0)141 330 7384

Email: margaret.agnew@glasgow.ac.uk

Entry requirements

For entry requirements and how to apply, see page 25.

Scholarships and fees

For scholarships and fees, see pages 26 – 27.

The MRC-University of Glasgow Centre for Virus Research (CVR) was established in 2010 and represents the UK's largest grouping of human and veterinary virologists.

Immunology & Inflammatory Disease

MSc: 12 months full-time

PgDip: 7 – 8 months full-time

PgCert: 3 – 4 months full-time

The contribution of inflammation and immune dysfunction to a wide range of diseases, from arthritis to cancer to obesity is becoming increasingly clear. The MSc in Immunology & Inflammatory Disease integrates basic, translational and clinical immunology and inflammation biology with cutting-edge molecular and cellular techniques to equip students with both a working knowledge of inflammatory disease and state-of-the-art research approaches used to study the area.

www.gla.ac.uk/1QANDHu

james.brewer@glasgow.ac.uk

iii-ins-immunology-and-inflammatory-disease-msc@glasgow.ac.uk

Programme structure

The MSc programme will consist of seven taught courses and a project or dissertation, spread over 11 – 12 months. Three courses are compulsory, and two are chosen from a series of options.

Core courses

- Immunology: basic, translational and clinical
- Advanced molecular skills
- Designing a research project: biomedical research methodology
- Research project or dissertation.

Optional courses (choose three)

- Animal models of inflammatory disease
- Bioimaging for research scientists
- Drug discovery
- Diagnostic technologies and devices
- Viruses and cancer
- Current trends and challenges in biomedical research and health
- Technology transfer and commercialisation of bioscience research
- Omic technologies for the biomedical sciences: from genomics to metabolomics.

The course will include registration and attendance at the British Society for Immunology Annual Congress.

Career prospects

The programme provides an ideal grounding for progression to further research studies (eg PhD) in immunology, inflammation and infectious diseases, or for a career in the pharmaceutical/bioscience industries.

Why Glasgow

- You will receive training in the disciplines of immunology and inflammation within an internationally recognised centre of excellence.
- The programme provides new opportunities to work together with scientists, clinicians and pharmaceutical industry scientists to research, drug discovery to drive improvements in patient care in areas of critical international importance.

Infection Biology (with specialisms)

MSc: 12 months full-time

PgDip: 7 – 8 months full-time

PgCert: 3 – 4 months full-time

This new programme offers an expansion of our already successful MSc in biotechnology into industrial biotechnology and business management, jointly run with Adam Smith Business School.

www.gla.ac.uk/1yVPazy

elaine.e.wilson@glasgow.ac.uk,
iii-ins-infection-biology-msc@glasgow.ac.uk

Programme structure

The MSc programme consists of seven taught courses and a project or dissertation, spread over 11 – 12 months. Three courses are compulsory, and two are chosen from a series of options.

Core courses and project

- Host-pathogen interactions and immune responses to infection
- Advanced Molecular Skills
- Designing a research project: biomedical research methodology
- Infection biology research project (laboratory based or non-laboratory based, in virology, parasitology, or microbiology).

Optional courses (choose 3):

- Drug discovery
- Diagnostic technologies and devices
- Current trends and challenges in biomedical research and health
- Technology transfer and commercialisation of bioscience research.
- Bioimaging for research scientists
- Viruses and cancer.
- Omic technologies for the biomedical sciences: from genomics to metabolomics

Career prospects

Research: About half of our MSc students enter a research career, mainly by undertaking further postgraduate research studies towards a PhD, or by working in research laboratories in clinical or academic settings, including national government laboratories.

Industry: Other students go on to work in the pharmaceutical, diagnostic or biotechnological industries.

Why Glasgow

- You will study in an institute housing two UK National Centres of Excellence, in virology and parasitology, and active in the Scottish Infection Research Network (SIRN), a key clinical focus on healthcare-related infections.
- You will work in the laboratories of internationally recognised infection biology researchers, conducting high-quality basic, translational and clinical science.

MOLECULAR, CELL & SYSTEMS BIOLOGY

The Institute of Molecular, Cell & Systems Biology has expertise covering a wide range of contemporary integrative biology, from molecules to organisms.

- If you study with us, you will join a community of 34 postgraduate taught and 72 postgraduate research students.
- Glasgow is at the forefront of research in molecular systems and synthetic biology in the UK. The institute provides an internationally competitive centre of research excellence in a multidisciplinary environment.
- The institute is well supported by research grants from UK-based funding councils and charities as well as the European Union.
- Our facilities include a protein characterisation facility which allows the study of protein structure, function, stability and interactions with other macromolecules in solution as well as facilities for cell biology.
- We are supported by a world-class technology base including next-generation sequencing, microarrays, proteomics and metabolomics through the Polyomics Facility and the Scottish National Centre for Metabolomics.
- We provide excellent graduate training both at Masters level and for PhD students. Our three taught Masters programmes allow our students to work closely with members of staff carrying out internationally recognised research in their chosen field.

Postgraduate research programme

We welcome enquiries from MSc by Research, MRes and PhD applicants. We also offer funded places for a four-year MRC Doctoral Training Partnership (DTP).

Research interests

- **Molecular and cell biology:** we are studying the intracellular folding of proteins into their functional forms and investigating their trafficking to the correct destinations within the cell. In addition, the structures of proteins and their roles in cell communication and regulation are being studied.
- **Systems and synthetic biology:** such as the development of biological toolkits for gene delivery and synthetic biology. We are also working to develop new model systems for investigating the integrative physiology and molecular genetics of cell signalling and membrane transport.
- **Cell signalling:** our researchers are studying the molecular and structural properties of cell signalling and membrane transport in relation to both plant and animal species. An example is the exploration of the structure, function and regulation of G protein-coupled receptors and their interacting proteins, and in translating knowledge generated into selection of targets, screening and identification of small molecule regulators.
- **Cell engineering:** we are using nanoscale topography to guide cell growth and differentiation, and to investigate how cells interact with different surfaces. We are also developing new cellular delivery systems using nanoparticles.

- **Plant science:** research on photosynthesis within the institute is being applied in novel ways to use solar energy to produce clean, renewable fuels. Other researchers are elucidating the underlying mechanisms by which plant and algal photoreceptor proteins are regulated. In addition, we are also carrying out research on the molecular mechanisms for mineral nutrition and salt/drought tolerance of plants.
- **Genetics, transgenics and functional genomics:** our research in this area is aimed at understanding the molecular turnover and role of simple sequence microsatellite repeats in the human genome and their relationship to human variation and genetic disease.

Find potential supervisors

You are welcome to contact individual staff members to discuss a potential research topic before applying:
Visit: www.glasgow.ac.uk/biology/staff
Tel: +44 (0)141 330 8472
Email: mvismcbb-pgrapp@glasgow.ac.uk

Entry requirements

For entry requirements and how to apply, see page 25.

Scholarships and fees

For scholarships and fees, see pages 26 – 27.

Within our institute we attract funding from the Medical Research Council, the Biotechnology and Biological Sciences Research Council, Wellcome and other major agencies, as well as from industry.

Biotechnology

MSc: 12 months full-time

This Masters in Biotechnology programme provides you with an advanced practical knowledge of biotechnology and molecular genetic technologies underpinning modern biotechnology and how they can be applied to solve real-world problems. The programme offers training in a broad range of topics, including environmental biotechnology, synthetic biology, plant engineering, stem cell therapies and vaccine development.

www.gla.ac/1PtPzgS
cheryl.woolhead@glasgow.ac.uk

Programme structure

The programme is made up of five teaching modules and a dissertation project. Each module explores different aspects of biotechnology. The dissertation allows you to specialise the degree through a chosen field of research. You will undertake this project with the support and guidance of your chosen academic expert. The aims of the course are:

- To enable students to study a wide range of biotechnology topics in depth
- Allow students to benefit from leading-edge research-led teaching
- To enhance students' conceptual, analytical and generic skills and to apply them to biotechnology problems
- To prepare students for leading positions in the biotechnology industry or entry into PhD programmes.

Courses

- Molecular biotechnology lab skills
- Industrial and environmental microbiology
- Biotechnology business skills
- Current technologies in biotechnology
- Omics technologies
- Synthetic biology
- Biotechnology research project.

Career prospects

This programme will prepare you for a career in the pharmaceutical or biotechnology industrial sectors or for entry into PhD programmes.

Why Glasgow

- If you wish to improve your knowledge of modern molecular, biochemical, cell biological and genetic techniques for biotechnological applications, this programme is designed for you.
- You will gain a sound understanding of the nature of business based on bioscience knowledge and research, their opportunities for innovation and regulatory requirement constraints, intellectual property and ethical issues.
- This course has a strong laboratory component, with courses that run throughout the year, giving you hands-on experience of diverse biotechnological research skills.

Biotechnology and Management

MSc: 12 months full-time;
24 months part-time.
PgDip: 12 months full-time;
24 months part-time

This programme is subject to approval.

This new programme offered through CMVLS offers an expansion of our already successful MSc in biotechnology into industrial biotechnology and business management.

www.gla.ac/1TiMnqc
cheryl.woolhead@glasgow.ac.uk

Programme structure

There are two semesters of taught material and a summer session working on a project or dissertation. September-entry students start with management courses and January-entry students with biotechnology courses.

Semester 1

Core courses

- Contemporary issues in human resource management
- Managing creativity and innovation
- Managing innovative change
- Marketing management
- Operations management
- Project management.

Semester 2

Core course

- Biotechnology applications.

Optional courses

- Omic technologies for the biomedical sciences
- Synthetic biology: concepts and applications
- Bioimaging
- Biosensors and diagnostics
- Plant genetic engineering
- Crop biotechnology
- Project or dissertation.

Career prospects

This programme will prepare you for a career in the pharmaceutical or biotechnology industrial sectors or for entry into PhD programmes.

Why Glasgow

- If you wish to improve your knowledge of modern molecular, biochemical, cell biological and genetic techniques for biotechnological applications, this programme is designed for you.
- You will gain a sound understanding of the nature of the business based on bioscience knowledge and research, their opportunities for innovation and regulatory requirements constraints, intellectual property and ethical issues.
- You will learn how to assess the current literature, be encouraged to form opinions based on scientific merit, and implement these ideas in future research planning.

Food Security

MSc: 12 months full-time

In this century, food security and the need to develop sustainable agriculture will become dominant issues affecting the whole world. The global population is projected to increase dramatically from 7 to 9 billion in the next 30 years, causing an unprecedented demand for food and increased pressure on land. The aim of this programme is to provide you with knowledge and skills relating to the broad topic of food security, incorporating socioeconomic, animal and crop aspects.

www.gla.ac/1GoLTZN
gareth.jenkins@glasgow.ac.uk

Programme structure

We welcome students from diverse educational backgrounds and we anticipate that many will be unfamiliar with all the topics in this programme. Therefore the courses will provide a general introduction to each topic and, in addition, we offer optional lectures to bring students with different backgrounds 'up to speed' in subjects they may not have encountered previously.

The programme comprises 11 courses:

- Introduction to food security
- Food security fundamentals: food of animal origin
- Food security fundamentals: crops
- Role of insects in food security
- Molecular lab skills
- Global animal production
- Quantitative methods
- Plant genetic engineering
- Crop biotechnology applications
- Technology transfer and commercialisation
- Food security project.

Career prospects

Food security is a major challenge of this century and hence there will be opportunities to develop careers in several areas. Career prospects include working in agri-industry, research institutes and government advisory, international advisory, media and research positions.

Why Glasgow

- This exciting Masters programme is taught through collaboration between academics with world-class expertise in diverse aspects of food security.
- It discusses the demographic, social and economic issues and the challenges of achieving sustainable agriculture and presents the factors affecting food production from crops and animal sources.

NEUROSCIENCE & PSYCHOLOGY

The Institute of Neuroscience & Psychology works to understand the nervous system at multiple levels, from cells to cognition, integrating cutting-edge research from the molecular level to human behaviour.

- If you study with us, you will join a community of 18 postgraduate taught and 46 postgraduate research students.

- We link molecular discoveries to cells, and to animal and human models, and translate these to the clinic. To achieve this, we have integrated our research within four centres of excellence:

The Centre for Cognitive Neuroimaging is equipped with brain imaging facilities including a 3T fMRI scanner, a MEG system, several TMS and EEG systems – some of the latter are fMRI and TMS comparable.

The Centre for Stroke & Brain Imaging runs a comprehensive translational research programme with particular emphasis on acute stroke imaging, improvements in acute stroke care and longer-term rehabilitation strategies.

Our neuroscience laboratories are furnished with equipment including confocal and electron microscopy, electrophysiology, behavioural testing, and molecular and tissue analyses.

Our Social Interactions Centre has a wide range of research labs which comprise EEG labs; audition and speech labs; point-light display motion capture labs; 3-D vision capture labs and eye trackers.

Postgraduate research programme

We welcome enquiries from MRes, MSc by Research, MD and PhD applicants.

Research interests

- Cognitive neuroimaging (fMRI, EEG, MEG and TMS)
- Spinal mechanisms and chronic pain
- Stroke – animal models, clinical studies, neuroimaging and regenerative therapies
- Models of cortical information processing of cognitive functions
- Brain – computer interactions
- Social interactions
- Diseases such as schizophrenia and Rett syndrome
- Sensory and motor networks
- Spinal cord injury and plasticity
- Neural control of breathing
- Hippocampal networks and plasticity.

Find potential supervisors

You are welcome to contact individual staff members to discuss a potential research topic before applying:

Visit: www.glasgow.ac.uk/researchinstitutes/neurosciencepsychology/staff
Tel: +44 (0)141 330 6173
Email: INP-pginfo@psy.gla.ac.uk

Entry requirements

For entry requirements and how to apply, see page 25.

Scholarships and fees

For scholarships and fees, see pages 26 – 27.

Our neuroscience laboratories are furnished with equipment including confocal and electron microscopy, electrophysiology, behavioural testing, and molecular and tissue analyses.

Brain Sciences

MSc: 12 months full-time

Over the last two decades there has been an explosion of interest in brain sciences across academia, industry and the media. The integration of cognitive brain imaging with neuroscience will play a central part in discovering how the brain functions in health and disease in the 21st century, as illustrated by the Human Brain Project in Europe and the Brain Initiative in the USA. The taught Masters in Brain Sciences will help you gain interdisciplinary knowledge 'from molecules to mind' and enable you to develop research skills in cognitive brain imaging, fundamental neuroscience and brain disorders.

www.gla.ac.uk/1PtROkj
deborah.dewar@glasgow.ac.uk
guillaume.rousselet@glasgow.ac.uk

Programme structure

The programme will consist of compulsory taught courses, selected optional courses and a research project spread over 11 – 12 months.

Core courses and research project

- Fundamentals for neuroscience research
- Cognitive brain imaging
- Statistics and research design
- Current research topics in brain sciences
- Neuroscience: animal models of disease and function
- Designing a research project
- Brain sciences research project.

Optional courses – Students choose a total of 20 credits.

- Introduction to matlab for biologists
- Neuroscience: in vivo models
- In vitro and analytical approaches in neuroscience
- Bioimaging for life sciences
- Current trends and challenges in biomedical research and health
- Technology transfer and commercialisation of biomedical research.

Career prospects

Research: MSc students can enter a research career, mainly by undertaking further postgraduate research studies towards a PhD, or by working in research laboratories in academic settings.

Industry: Other options include going on to work in a wide range of commercial sectors, including the pharmaceutical or biotechnological industries and scientific publishing.

Why Glasgow

- You will study in an institute that strives to understand the brain at multiple levels of function, from cells to cognition, using approaches ranging from molecular, cellular and systems-level investigations to brain imaging of human behaviour and cognition.
- Lectures will be given by staff who are international research leaders and who publish cutting edge research at the forefront of brain sciences.

'I had a fantastic supervisor who was really the best mentor that I could find in the world. The fundamentals of the PhD programme at Glasgow were very strong, so this was a plus for me upon gaining my degree.'

Shahin, Iran
Neuroscience (PhD) graduate

LIFE SCIENCES

The School of Life Sciences has an international reputation for high-quality supervision, breadth of opportunity and innovation.

- The school is a vigorous, forward-looking community of scholars, recognised within the UK and internationally for the excellence of its teaching, and for delivering a truly outstanding student experience across all student groups.
- The school takes a collaborative, cross-disciplinary approach to addressing the scientific challenges of this post-genomic and informatics age.
- In many cases, postgraduate research and training operates as a partnership between staff in the school, the college's research institutes and beyond, providing access to specialised equipment and facilities.
- Investment has also been made recently in sports and exercise science; graduates in this area occupy influential positions in centres of sporting excellence in the UK and beyond.
- We have strong associations with many research centres and networks in the University, including the Boyd Orr Centre for Population & Ecosystem Health and the Scottish Infection Research Network.
- Postgraduate research in anatomy is largely centred upon the outstanding staff and resources available within the school.
- Our Laboratory of Human Anatomy is one of the busiest anatomy units in the UK, offering a wide range of courses to students in medicine, dentistry, nursing, the health professions and biomedical science. The laboratory has several dissecting rooms, dry labs, two lecture theatres and a historic museum.
- The Laboratory of Human Anatomy is also home to the prestigious Clinical Anatomy Skills Centre. This is a joint collaboration between the Royal College of Physicians & Surgeons of Glasgow and the University. This facility is designed to provide innovative and challenging education and training for physicians, surgeons, dentists and other allied health professionals. It is the newest of a handful of UK centres equipped to provide cadaveric skills training, has been purpose-built with the highest specification equipment available today, and offers an unsurpassed level of training.

Strengths of the school include:

- The academic breadth of teaching activities
- Innovative teaching practice
- Experienced staff committed to providing an excellent teaching and learning experience for students
- Substantial flexibility within the range of available degree programmes
- The quality of the student experience as reflected in institution-led national and international surveys (eg National Student Survey, International Student Barometer).

Entry requirements

For entry requirements and how to apply, see page 25.

Scholarships and fees

For scholarships and fees, see pages 26 – 27.

Our Museum of Anatomy contains unique medical teaching material amassed by William Hunter in his career as anatomist, obstetrician and doctor.

Bioinformatics, Polyomics & Systems Biology

MSc: 12 months full-time

Bioinformatics is a discipline at the interface between biology and computing and is used in organismal biology, molecular biology and biomedicine. 'Polyomics' is a new term used to describe the modern integrated approach to biological analysis involving genomics, transcriptomics, proteomics, metabolomics and systems-level datasets. The MSc programme focuses on using computers to glean new insights from DNA, RNA and protein sequence data and related data at the molecular level through data storage, mining, analysis and display – all of which form a core part of modern biology.

[w gla.ac/1bnMfEU](mailto:mark.bailey@glasgow.ac.uk)
[e mark.bailey@glasgow.ac.uk](mailto:mark.bailey@glasgow.ac.uk)

Core courses

- Programming (Java)
- Information systems and databases
- Foundations of bioinformatics
- Omics and systems approaches in biology.

There is also an obligatory 60-credit summer research project lasting 14 weeks; normally this will be with one of the research laboratories in Glasgow associated with the programme, but there is also the opportunity to study in suitable laboratories in other parts of the world.

Optional courses

- RNA-seq and next generation transcriptomics
- Metagenomics
- Genetic data handling and analysis
- Parasite drug resistance – a polyomics approach
- Phyloinformatics
- Systems biology approaches to omics data analysis
- Protein structure informatics and drug discovery.

Career prospects

Most of our graduates embark on a research career path/PhD either in the UK or abroad using the skills they've acquired on our programme, which are now of primary relevance in many areas of modern biology and biomedicine. A postgraduate degree in bioinformatics is also valued by many employers in the life sciences sector.

Why Glasgow

- Our programme emphasises understanding core principles in practical bioinformatics and functional genomics, and then implementing that understanding in a series of practical-based elective courses in semester 2 and in a summer research project.
- You will benefit from being taught by scientists at the cutting edge of their field and you will get intensive, hands-on experience in an active research lab during the summer research project.

Biomedical Sciences (MSc)

MSc: 12 months full-time

This MSc programme in Biomedical Sciences offers research training for students intending to proceed to a career in biomedical sciences, either directly or through a PhD. It is based on a research project and coursework.

[w gla.ac/1LWKf3n](mailto:joanna.wilson@glasgow.ac.uk)
[e chris.mcinerny@glasgow.ac.uk](mailto:chris.mcinerny@glasgow.ac.uk)
joanna.wilson@glasgow.ac.uk

Programme structure

The overall aims of the programme are:

- to provide students with the knowledge, skills and confidence needed to pursue a career in laboratory research
- to provide students with a theoretical and practical understanding of advanced techniques used in modern biomedical sciences research
- to provide students with the opportunity to practise research skills in the laboratory by completing an extensive research project in an area of their choice.

Projects

An important part of the MSc is the research project that students undertake. Students choose the project themselves in the subject area that interests them and that will allow them to follow the career path they wish to follow. The MSc programme has a huge number of projects which students can choose from, across a wide spectrum of biomedical science. The following are examples of the types of projects offered, to illustrate the range of subject areas:

- Making blood from human embryonic stem cells
- A gene-microarray based approach to the detection of recombinant human erythropoietin doping in endurance athletes
- Neuropathology of trypanosomiasis
- Development of a new technique for stem cell transfection
- Cloning and analysis of an inflammatory factor in cancer and autoimmune disease
- Analysis of viral induced cancer.

Each year students have about 100 different projects to choose from and all students find research topics that interest them.

Why Glasgow

- The programme provides training in a wide range of modern molecular biology techniques required to pursue a research career in biomedical science.
- You will gain valuable practical research experience by using the skills and techniques acquired during the programme to complete an in-depth research project.

Biomedical Sciences (MRes)

MRes: 12 months full-time

This Masters programme in Biomedical Sciences offers research training for students intending to proceed to PhD. It is largely based on individual research projects rather than coursework, and allows you to specialise in a particular area of study.

[w gla.ac/1MZ93sh](mailto:joanna.wilson@glasgow.ac.uk)
[e chris.mcinerny@glasgow.ac.uk](mailto:chris.mcinerny@glasgow.ac.uk)
joanna.wilson@glasgow.ac.uk

Programme structure

The overall aims of the programme are:

- to provide students with the knowledge, skills and confidence needed to pursue a career in laboratory research
- to provide students with a theoretical and practical understanding of advanced techniques used in modern biomedical sciences research
- to provide students with the opportunity to practise research skills in the laboratory by completing two extensive research projects.

MRes students have the opportunity to specialise in a particular discipline or area, which can be important for their career development. The specialisations are:

- Biotechnology
- Cancer studies
- Cardiovascular studies
- Cell engineering
- Integrative mammalian biology fee waiver
- Integrative mammalian biology scholarship
- Medical biochemistry and molecular biology
- Molecular genetics
- Neuroscience
- Proteomics.

To qualify for a specialisation, students must select two research projects in a cognate research area.

Why Glasgow

- The programme provides training in a wide range of modern molecular biology techniques required to pursue a research career.
- You will gain valuable practical research experience by using the skills and techniques acquired during the programme to complete two extensive research projects.

Medical Visualisation & Human Anatomy

MSc: 12 months full-time



This programme is the first taught Masters programme in medical visualisation in the UK. Offered jointly by the University of Glasgow and the Glasgow School of Art, it combines actual cadaveric dissection with 3D digital reconstruction, interaction and visualisation.

gla.ac/1EyalKD

School of Life Sciences contact:
paul.rea@glasgow.ac.uk,
Glasgow School of Art contact:
d.livingstone@gsa.ac.uk

Programme structure

You will split your time between the Glasgow School of Art (Digital Design Studio) and the University of Glasgow (Laboratory of Human Anatomy). The programme is structured into three stages.

Stage one: digital technologies applied to medical visualisation (delivered by the Digital Design Studio at the Glasgow School of Art).

Core courses

- 3D modelling and animation
- Applications in medical visualisation
- Volumetric and 3D surface visualisation
- Core research skills for postgraduates.

Stage two: human anatomy (delivered by the Laboratory of Human Anatomy at the University of Glasgow).

Core courses

- Introduction to anatomy
- Structure and function of the human body
- Cadaveric dissection techniques.

In stage three you will complete a self-directed final project, supported throughout with individual supervision.

Career prospects

Career opportunities exist within the commercial healthcare device manufacturer, the public and private healthcare sectors, as well as in academic medical visualisation research. Students with medical, biomedical, anatomy, or health professional backgrounds will be able to gain 3D visualisation skills that will enhance their portfolio of abilities; students with computer science or 3D graphics backgrounds will be involved in the design and development of healthcare-related products through digital technology, eg diagnostic and clinical applications, creating content involving medical visualisation, simulation, cardiac pacemakers, and biomechanically related products for implantation, such as knee, hip and shoulder joint replacements.

Why Glasgow

- You will also have access to the Laboratory of Human Anatomy at the University of Glasgow, one of the largest in Europe.
- You will examine human anatomy and reconstruct it in a real-time 3D environment for use in education, simulation, and training.

‘The MRes course was very stimulating and exciting as my classmates and I managed to learn a diversity of research topics in a very short time. I also had the amazing opportunity to interact with students from all over the world while getting to know other cultures. I believe obtaining a Masters of Research degree at Glasgow is a great way to prepare the path for future scientists as it provides a highly comprehensive level of research competence for a young mind set on science.’

Daniela, Venezuela
Biomedical Sciences (MRes) graduate

SCHOOL OF MEDICINE

The School of Medicine is renowned for pioneering research and superb facilities for postgraduate students in medicine, dentistry and nursing.

- Scotland's first female medical student, Marion Gilchrist, graduated from the University in 1894 and the first ever African American to receive a university medical degree, James McCune Smith, graduated from the University in 1837. Our innovative transformation of medicine dates back to Joseph Lister, who introduced antiseptics whilst he was Regius Professor of Surgery at the University in the 1860s, and to Professor Ian Donald who developed ultrasound in 1958.
- We continue this tradition of medical excellence and innovation today, as one of the largest and most prestigious Medical Schools in Europe, and world-leading clinical research across cancer, cardiovascular, infectious and inflammatory diseases.
- We are proud to be at the heart of the new Queen Elizabeth University Hospital, working in partnership with NHS Greater Glasgow & Clyde to train the doctors of tomorrow, teaching postgraduate students in a state-of-the-art clinical environment, and developing innovative medicines and technologies to transform the treatment of patients and prevention of disease.
- The school offers a wide range of research subject areas including anaesthesia, cardiology, child health, clinical physics, dentistry, forensic medicine, gynaecology/obstetrics, haematology, human nutrition, medical education, medical genetics, medical sociology, nursing and midwifery, psychology and surgery.
- The school is dispersed over University and hospital sites. The main site for dentistry is the Glasgow Dental Hospital and for medicine, the Wolfson Medical School Building, the New Lister Building at Glasgow Royal Infirmary and the Teaching & Learning Centre at the Queen Elizabeth University Hospital.

Entry requirements

For entry requirements and how to apply, see page 25.

Scholarships and fees

For scholarships and fees, see pages 26 – 27.

The interface with the NHS partners is critical to our research strategy and comprises a key element for translating basic science discoveries into clinical practice with clear societal benefits.

Advanced Lymphoedema Management

PgCert: 12 months part-time

This programme will provide the advancing healthcare professional wishing to study at Masters level the opportunity to learn the theory and practice of advanced skills in the management of complex lymphoedema, including the Casley-Smith technique of manual lymphatic drainage.

gla.ac/1z0si2n
lymph@glasgow.ac.uk

Programme structure

Managing complex lymphoedema and lymphoedema advanced practice combine to give the Postgraduate Certificate in Advanced Lymphoedema Management. This programme provides the advancing health care professional wishing to study at Masters level, an opportunity to learn the advanced skills and knowledge required to manage patients with complex lymphoedema. The course will equip students with the necessary theory underpinning these skills and explore the evidence base and facilitate development of decision-making skills at an advanced level. Learning of theory is consolidated with workplace and online learning to develop the skills of an advancing practitioner in this field.

Why Glasgow

- The programme combines workplace learning with part-time attendance and on-line learning to explore and contextualise contemporary issues and the latest research evidence. It will prepare students to the level of a health care professional Band 7 Lymphoedema Advanced Practitioner as proposed in the Lymphoedema Framework Template for Management (Sneddon, 2007).
- This specialist framework is based on the Skills for Health Career Framework (2007: www.skillsforhealth.org.uk) and the Knowledge and Skills Framework (DoH 2004).

Advanced Practice in Health Care

MSc (MedSci): 12 months full-time;

24 months part-time
PgDip: 9 months full-time;

18 months part-time
PgCert: 5 months full-time;

10 months part-time

This Masters in Advanced Practice in Health Care is designed for the growing number of graduate nurses and other healthcare professionals wishing to work in clinical leadership or extended clinical and academic roles in clinical practice as nurse practitioners or consultant nurses.

gla.ac/1HvHsiJ
anna.o'neill@glasgow.ac.uk

Programme structure

Core courses

- Research Methods and Statistics.

Optional courses

- Acute and critical care
- Advanced communication skills in healthcare
- Advanced healthcare practice
- Assessing and managing patients with complex symptoms – chronic disease management
- Cardiovascular disease prevention and care – cardiovascular care
- Clinical issues in stroke care
- Education for professional practice
- Ethics for professional practice
- Leadership in contemporary healthcare
- Principles of acute cardiac management – cardiac care
- Professional practice in spiritual and religious care in healthcare – healthcare chaplaincy
- Providing spiritual and religious care in healthcare – healthcare chaplaincy
- Self-management: principles and practice.

Why Glasgow

- The programme provides opportunities for you to develop and demonstrate knowledge and understanding, expertise in critical appraisal, transferable skills and the ability to lead and innovate in the advancement of practice.
- The programme reflects the need for tomorrow's healthcare professional to be involved in lifelong learning while being adaptive to the dynamic care environment and supporting quality care delivery.

Child Health

PgCert: 12 – 24 months part-time

This programme in Child Health reflects the need for the NHS to deliver basic academic training in paediatrics to all trainees in Scotland, and to formally cover the Level 2 Framework of Competencies for Training in Paediatrics outlined by the accrediting body, Royal College of Paediatrics & Child Health (RCPCH).

gla.ac/1aXEghi
jarod.wong@glasgow.ac.uk,
ihab.shaheen@ggc.scot.nhs.uk

Programme structure

The PgCert is a mix of online and face-to-face teaching. Twenty 6-hour days of face-to-face teaching are delivered through the academic year, and these are supplemented by online lectures, formative exercises and compulsory reading. This allows a collegiate atmosphere to develop with less disruption to clinical experience. This certificate course will reward the trainees with 60 units of credit on completion.

The content is split into five compulsory sections:

- Public health, mental health, child protection and looked after children (LAC)
- Growth, nutrition, metabolic, gastroenterology, diabetes and endocrine
- Development, neurology and senses
- Respiratory and cardiovascular
- Infectious disease, immunology, renal, haematology, oncology, rheumatology and adolescent medicine.

A trainee must take all sections, spanning a maximum of four academic years, but typically over two years although some trainees will manage to complete all sections during one academic year.

Why Glasgow

- The Certificate in Child Health is run jointly by the University of Glasgow and NHS Education for Scotland.
- Scottish Deaneries have offered support to this programme, and will request that all paediatric trainees in their Level 2 Specialist Training complete this programme as part of their professional training.

Clinical Nutrition

MSc (MedSci): 12 months full-time

This Masters programme provides health professionals with specialist knowledge and training in clinical nutrition and is designed for doctors, nurses and pharmacists. You will gain an in-depth, evidence-based knowledge of clinical nutrition and have the opportunity to undertake clinical case studies.

gla.ac/1JAZHR6
alison.parrett@glasgow.ac.uk,
evely.nicol@glasgow.ac.uk

Programme structure

The programme provides a thorough grounding in the principles, practice and research of nutrition and the opportunity to follow a successful career in the UK or overseas. You will have the knowledge and experience necessary for engaging in and contributing to current issues in the field of human nutrition.

Core courses

- Food and nutrient requirements and nutrition through the life cycle
- Digestion, absorption and nutritional metabolism
- Dietary and nutritional assessment
- Public health and eating behaviour
- Clinical nutrition specialisation.

Clinical case studies

Students assess and evaluate the medical history of patients with particular reference to nutritional needs in a detailed, in depth manner, with reference to national and international guidelines, current literature and current treatment protocols. Students discuss the contribution of nutrition to the cause, progress and treatment of the disease. They reflect on clinical practice, including how treatment guidelines have been applied, and how it can inform local protocols and highlight learning points for their own practice.

Career prospects

Most of our graduates return to their clinical responsibilities once they have completed the programme. However, graduates have a thorough grounding in all aspects of nutrition as well as in their specialisation of clinical nutrition and therefore are able to enter employment in the food and health industries, public health, research, health promotion, food policy, the media and relief/development work in less developed countries. They are also well equipped to undertake and complete a PhD.

Why Glasgow

- There is a growing need for suitable qualified clinical nutritionists who are already qualified health professionals. This programme provides training in evidence-based nutritional practice for health professionals.
- Students have the opportunity to assess nutritional needs of patients and discuss the contribution of nutrition to the cause, progress and treatment of their disease and communicate the nutritional aspects of clinical care to health professionals.

Endodontics

MSc (DentSci): 24 months full-time

This Masters programme is designed for dental graduates who wish to develop clinical skills in endodontics.

gla.ac/1GpHpom
pgadmissions@glasgow.ac.uk

Programme structure

You will attend lectures and seminars and take part in tutorials and pre-clinical skills sessions, as well as undertaking clinical sessions under direct clinical supervision.

You will take a core course consisting of basic sciences, health sciences and research sciences, and a number of clinical courses dedicated to didactic teaching, reflective learning, clinical procedures and hands-on training in endodontics.

Clinical courses

Year 1

- Course 1. Biology of endodontic diseases
- Course 2. Principles and practice of root canal treatment
- Course 3. Interdisciplinary endodontics.

Year 2

- Course 4. Endodontic management of RCT problems and failure
- Course 5. Endodontics within the population and options for tooth replacement
- Research course. You will be encouraged to carry out a concise research project using existing facilities alongside our research themes.

Please note this course does not lead to MRD.

Career prospects

This qualification will prepare you for a clinical academic post or clinical dental practice both in the UK and overseas. You will need to sit the Overseas Registration Examination if you wish to practise dentistry in the UK.

Why Glasgow

- You will gain a qualification which will enable you to extend your clinical diagnostic and treatment skills and you will also receive a solid grounding in research methodologies.
- You will have the opportunity to attend all postgraduate lectures in the Dental School, which include external speakers and speakers from dental companies.

Forensic Toxicology

MSc (MedSci): 12 months full-time

This Masters programme is designed to provide students with an in-depth working knowledge of the principles and practice of Forensic Toxicology. The major strength of this programme is that students will be studying within a working environment of one of the leading ISO/IEC 17025 accredited forensic toxicology laboratories worldwide. The MSc programme will be of particular interest to individuals interested in pursuing or furthering their careers in the field of forensic toxicology including court-reporting scientists, laboratory managers, and academics. In addition, this programme will enable graduates to gain experience in research before subsequent application to a doctoral degree programme.

gla.ac/1KciDTv
toxicology@glasgow.ac.uk

Programme structure

Courses

- Principles of forensic toxicology
- Laboratory techniques in forensic toxicology
- Advanced instrumentation
- Case review and interpretation
- Research and laboratory management
- Project.

Career prospects

This programme provides much-needed training in the field of forensic toxicology. The UK Home Office Forensic Science Regulator has identified a shortage of suitably qualified forensic toxicologists in the UK. In addition, this programme will enable graduates to gain experience in research before subsequent application to a doctoral degree programme.

Why Glasgow

- We are the only taught programme in the UK focusing on the subject of forensic toxicology and delivered by practitioners in forensic toxicology.
- Our staff are regularly called to present evidence to courts throughout the UK as expert witnesses and you will have the opportunity to visit Scottish courts in session and to develop presentation skills in a moot court exercise.

Genetic & Genomic Counselling (with Work Placement)

MSc (MedSci): 24 months full-time

The MSc in Genetic & Genomic Counselling is designed to give students a working knowledge of the principles and practice of Genetic Counselling which will qualify them to practice as Genetic and Genomic Counsellors. The programme will be delivered by University of Glasgow staff in collaboration with NHS staff from the West of Scotland Genetics Service, so that a current perspective on both laboratory diagnostics and clinical services will be obtained. Accreditation is being sought from the Genetic Counsellor Registration Board of the UK.

gla.ac/1LcVurb
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Programme structure

Component courses are as follows:

- Genetic disease in clinical practice
- Case Investigations in medical genetics
- Distress or disorder: reactions to a medical diagnosis
- Patient empowerment: supporting decisions relating to new diagnoses
- Effective listening and communication skills
- Genetic counselling in clinical practice
- Social science research methods
- Community placements 1 and 2
- Genetic counselling placement 1 and 2
- Clinical genomics
- Dissertation
- Teaching and learning methods
- Electronic resources.

Career prospects

The programme aims to provide students with skills to work as Genetic Counsellors; accreditation is being sought from Genetic Counsellor Registration Board (GCRB) in order to be recognised as producing graduates who are eligible for entry as a 'trainee genetic counsellor'.

Why Glasgow

- Genetic Counselling Placements in at least two different Genetics Centres will enable you to obtain a broader view of clinical practice, and there will also be opportunity to engage with patient support groups.
- A key strength of this fully up-to-date programme is that it is delivered by highly dedicated, multi-award-winning teaching and clinical staff of the University, and by registered genetic counsellors, and clinical and laboratory staff from the West of Scotland Genetics Service.

Health Professions Education/Health Professions Education (with Research)

MSc Online Distance Learning (ODL): 36 months part-time

MSc (with Research): ODL, 36 months part-time
PgDip: ODL, 24 months part-time
PgCert: ODL, 12 months part-time

The MSc HPE programme is designed for those who primarily identify themselves as practitioners and who want to apply educational theory and an evidence base to their specific health professions education context. The MSc HPE (with Research) programme is appropriate for those with a particular interest in learning about the design, conduct and governance of education research.

gla.ac/1yVSr1R
susan.jamieson@glasgow.ac.uk

Programme structure

Year 1

Compulsory courses

- Learning in health professions
- Teaching in health professions
- Assessment in health professions.

Year 2

Students choose two courses from each block of three

- Simulation in health professions*
- Curriculum approaches and design*
- Evidence in education research*
- Teaching and assessment of clinical skills*
- Evaluation of courses and curricula*
- Designing education research*
- Managing the health professions curriculum*
- Leadership in health professions education*
- Governance and ethics in education research*

* indicative courses subject to change

Year 3

For HPE

- Dissertation in Health Professions Education for HPER
- Dissertation in Health Professions Education (with Research).

Why Glasgow

- The programme is delivered primarily by staff in the School of Medicine at the University of Glasgow, including staff with key roles in the undergraduate Medical School, the Dental School and the School of Nursing & Healthcare.
- We are well placed to offer the benefit of our collective experience in undergraduate health professions education, and several of our staff are also involved in delivering PG training to health professionals.

Health & Social Care Chaplaincy

PgCert: 12 months or 24 months part-time

This programme is the culmination of work to develop healthcare chaplaincy as a profession. It is available to healthcare chaplains and graduates considering healthcare chaplaincy as a profession. Applicants who are considering entering healthcare chaplaincy will also have to satisfy the eligibility criteria for registration with the UK Board of Healthcare Chaplaincy. The University of Glasgow has no locus in this decision.

gla.ac/1IPTcKj
david.mitchell@glasgow.ac.uk

Programme structure

The programme is designed as a part-time programme of study days and distance learning to enable working chaplains to study and gain a professional qualification.

Core courses

- Providing spiritual and religious care in healthcare
- Professional practice in spiritual and religious care
- Advanced healthcare practice.

Applicants who do not meet the eligibility criteria for registration with the UK Board of Healthcare Chaplaincy and meet the criteria for admission to the MSc (MedSci) Advanced Practice in Healthcare can study the courses as optional courses towards a Postgraduate Certificate in Healthcare.

Why Glasgow

- This programme enables chaplains to evidence the Spiritual and Religious Care Capabilities and Competencies for Healthcare Chaplains and demonstrate fitness to practise as a Healthcare Chaplain and so become Board Registered.
- You will learn to assess and meet spiritual and religious care needs, develop educational support for quality spiritual and religious care, and facilitate professional role development and staff support.

Human Anatomy

PgCert: 5 months

This taught Postgraduate Certificate in Human Anatomy is a unique new programme offering comprehensive training in all human anatomy, including legislation relevant to working in a human anatomy laboratory.

gla.ac/1RTDibl
paul.rea@glasgow.ac.uk

Programme structure

The PgCert in Human Anatomy comprises three core compulsory courses taught from January – May each year. It comprises approximately 10 hours of direct contact teaching each week during the course.

Introduction to anatomy

During this course you will learn about the history of anatomy, modern day approaches to the subject area and learn about the legislation related to body and organ donation. You will also receive an introduction to each of the major body systems ie nervous, musculoskeletal, cardiorespiratory, gastrointestinal and urogenital systems as well as the special senses.

Structure and function of the human body

This course will cover upper and lower limb, cardiovascular, respiratory, gastrointestinal, head and neck and genitourinary anatomy in an advanced level of detail. You will examine the wide collection of prosections held in the Laboratory of Human Anatomy, coupled with medical imaging techniques, histological sections, historical specimens and embryology as relevant to the system studied.

Cadaveric dissection techniques

In this course you will undertake cadaveric dissection of the thoracic anatomy from superficial to deep. You will work in small groups with a designated cadaver to help explore the anatomy of the chest. You will be trained in relevant dissection practice, and link it to relevant health and safety practices, applying the relevant anatomical legislation in a practical environment.

Why Glasgow

- You will study in one of the busiest human anatomy laboratories in Europe where we admit approximately 100 donors each year. This provides us with a very unique and privileged way to teach and research in the field of human anatomy.
- You will have access to a large number of prosected (professionally dissected) anatomical specimens.
- During your studies you will have access to the recently refurbished teaching and research laboratories in the Thomson Building.

Human Nutrition

MSc (MedSci): 12 months full-time

PgDip: 9 months full-time

Nutritional science is a subject of growing importance in many aspects of healthcare, lifestyle and industry. This programme, established in 1994 and accredited by the Association of Nutrition (AfN), provides students with an expert evidence-based approach to human nutrition, integrating teaching on basic sciences, clinical practice and public health applications.

gla.ac/1z0tTFa
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evelyn.nicol@glasgow.ac.uk

Core courses

- Food and nutrient requirements and nutrition through the life cycle
- Digestion, absorption and nutritional metabolism
- Dietary and nutritional assessment
- Public health and eating behaviour.

Specialisation courses

One from the following:

- Public health nutrition
- Clinical nutrition
- Obesity and weight management
- Sports and exercise nutrition.

As part of their specialisation, all students complete a taught course and research proposal.

PLEASE NOTE: THIS PROGRAMME DOES NOT LEAD TO STATE REGISTRATION IN DIETETICS.

Career prospects

Graduates are well placed for a variety of employment opportunities in the food and health industries, public health, research, health promotion, food policy, the media and relief/development work in less developed countries. There is an expanding role for high-quality nutritionists in all these sectors. The programme is intended to meet this demand. This programme provides a sound basis from which to apply for employment in advisory positions in industry or government agencies, to undertake professional training in dietetics, or for further doctoral-level research training for academic or teaching careers.

Why Glasgow

- Students explore how our choices of foods affect the biochemical and physiological functions of cells and organs, and how our diets influence physical, mental and social health.
- This MSc is unique in the UK in providing four different specialisation areas – Public Health Nutrition, Clinical Nutrition, Obesity & Weight Management and Sports & Exercise Nutrition.

Leading, Improving & Transforming Care

PgCert Online Distance Learning:

10 months part-time
(this programme is designed to be delivered via a blended learning approach. Students will be required to attend for one full day.)

Recent government and NHS reports highlight the importance of effective leadership in ensuring that health and social care is delivered to the highest standard. This programme is aimed at professionals in Health and Social Care wishing to develop skills in leadership. Students will be encouraged to think critically about health and social care provision with a key focus on leadership, management and the economic landscape.

gla.ac/1Le6pNZ
annmarie.rice@glasgow.ac.uk

Programme structure

The PgCert in Leading & Transforming Care consists of three 20-credit modules.

Core courses

- Leading care – putting leadership into the health and social care context
- Leading improvement in care provision transforming care services.

Career prospects

This programme prepares professionals in both health and social care to take on leadership roles. The programme content offers participants the opportunity to enhance existing skills to develop new leadership skills. The programme also offers a unique opportunity to develop skills in economic costing that can lead to improved service delivery.

The involvement of leaders, both in planning and delivery, from a variety of settings, including NHS and Scottish Government, ensures that the programme is current and relevant.

Research environment

There is a strong research culture within the Nursing & Health Care School. You will be taught by staff who regularly publish papers and contribute to conferences.

There are opportunities to take your study further by completing a Masters by Research or a PhD. We aim to be an internationally recognised centre of excellence for research. Research within the school is undertaken with a view to positively influence the quality of healthcare locally, nationally and internationally.

Why Glasgow

- This programme will provide you with opportunities to develop and demonstrate knowledge and understanding, expertise in critical appraisal, and the ability to lead and innovate in your area of practice.
- The programme reflects the need for professionals in health and social care to develop leadership skills in a dynamic health and social care environment to ensure quality care delivery.

Medical Genetics & Genomics

MSc (MedSci): 12 months full-time
(24 months part-time by special arrangement)

The increasing impact of genetics in healthcare and the development of newer sophisticated technologies requires close collaboration between research scientists, clinical laboratory scientists and clinicians to deliver a high-quality service to patients. The Masters in Medical Genetics & Genomics covers the delivery of a modern clinical genetics service, including risk analysis and application of modern genetic and genomic technologies in medical genetics research and in diagnostics and population screening.

gla.ac/1Hzt9br
med-sch-medgen-msc@glasgow.ac.uk

Programme structure

- Genetic disease: from the laboratory to the clinic
- Case investigations in medical genetics and genomics
- Disease screening in populations
- SNP assay design and validation
- Medical genetics dissertation.

Career prospects

Research: About half of our graduates enter a research career and most of these graduates undertake and complete a PhD; the MSc in Medical Genetics & Genomics facilitates acquisition of skills relevant to a career in research in many different bio-molecular disciplines.

Diagnostics: Some of our graduates enter careers with clinical genetic diagnostic services, particularly in molecular genetics and cytogenetics.

Clinical genetics: Those of our graduates with a prior medical/nursing training often utilise their new skills in careers as clinical geneticists or genetic counsellors.

Why Glasgow

- This is a fully up-to-date programme delivered by highly dedicated, multi-award-winning teaching and clinical staff of the University, with considerable input from hospital-based Regional Genetics Service clinicians and clinical scientists.
- The full spectrum of genetic services is represented, from patient and family counselling to diagnostic testing of individuals and screening of entire populations for genetic conditions: eg the NHS prenatal and newborn screening programmes.

Medical Physics

MSc: 12 months full-time

This taught Masters is designed to provide you with an advanced programme of study in Medical Physics. It provides an understanding of the application of physics and technology to a range of disciplines within medical physics at a level appropriate for a professional physicist. We have expertise in traditional areas such as ionising radiation, and also specialist sections in PET scanning, ophthalmology, urology, and informatics. Our academic staff include leading researchers in MRI.

gla.ac/1IPU8hA
doug.small@ggc.scot.nhs.uk

Programme structure

You will attend lectures, seminars and tutorials, take part in e-learning and undertake a research project.

Core courses

- Radiation physics
- Anatomy and physiology
- Statistics and experimental techniques
- Medical imaging physics
- Programming
- Scientific management
- Clinical medical imaging
- Radiotherapy
- Clinical measurement
- Research dissertation.

Optional courses

- Advanced data analysis.
- Problem solving.

Career prospects

Career opportunities include positions in the NHS, private healthcare and equipment manufacturers. This programme is followed by NHS trainees in Scotland so it is highly attuned to preparing students for employment.

Why Glasgow

- A key strength of this programme is that you will be taught mostly by physicists working in the NHS. It will equip you for employment in a clinical environment.
- Thanks to the large size of the NHS medical physics department in Glasgow, all mainstream areas of medical physics are covered along with some specialised fields.

Oral & Maxillofacial Surgery

MSc (DentSci): 24 months full-time

This Masters programme is designed for dental graduates who wish to develop clinical and research skills in oral and maxillofacial surgery. It will provide you with a qualification which will enable you to extend your clinical diagnostic and treatment skills to a higher level. It will also provide you with a solid grounding in research methodologies.

gla.ac/1JB10iS
pgadmissions@glasgow.ac.uk

Programme structure

You will take a core course consisting of basic sciences, health sciences and research sciences.

The clinical component consists of: didactic teaching, reflective learning, clinical procedures and hands-on training in oral surgery.

Clinical courses

- Dentoalveolar surgery
- Oro-facial infections
- Oral pathology
- Local anaesthesia, general anaesthesia, sedation
- Maxillofacial trauma
- Dentofacial deformities
- Cleft and craniofacial deformities
- Temporomandibular disorders
- Head and neck surgery
- Oral medicine.

Research component

You will be encouraged to carry out a concise research project using existing facilities alongside our well-established research themes.

Career prospects

Graduates are able to apply for senior house officer posts in the UK, (competitive interview) or join a higher research programme leading to a PhD.

Why Glasgow

- You will have access to patients and opportunities to carry out oral surgical procedures under supervision.
- The University is well recognised as a centre of excellence for research in the fields of 3D imaging, bone bioengineering and orthognathic surgery.

Orthodontics

DClinDent: 36 months full-time

This taught Doctorate provides training for graduates in orthodontics. It produces good clinicians but also good scientists, promoting high-quality clinical, academic and research standards within a supportive environment.

gla.ac/1bAdlcJ
pgadmissions@glasgow.ac.uk

Programme structure

The programme is full-time (46 weeks per year) over three years. About half of the time is spent on clinical placement with the rest divided between academic coursework, research work and personal study.

All courses are compulsory.

Year 1

- Core course
- Basic orthodontic science
- Aetiology of malocclusion
- Orthodontic assessment.

Year 2

- Classification of malocclusion
- Orthodontic technique
- Risks of orthodontic treatment.

Year 3

- Multidisciplinary care
- Research practice.

Why Glasgow

- Alongside high-level clinical skills, you will gain high-quality research skills that support clinical and research practice.
- You will be eligible to sit for the Membership in Orthodontics (MOrth) at the Royal College of Surgeons of Edinburgh.

Spiritual and Religious Care in Health and Social Care

PgCert Online Distance Learning:
12 or 24 months part-time

Current health and social care frameworks regard spiritual care as an essential component of health and wellbeing, and all health and social care professionals should assess and respect the spiritual and religious beliefs of patients and their carers. But what does that mean? This certificate programme enables health and social care professionals to draw from their own professional experience and to gain knowledge and skills of the multicultural, ethical, legal and safe provision of spiritual and religious care in practice.

gla.ac/1Mz9BhK
david.mitchell@glasgow.ac.uk

Programme structure

Students study three courses:

- Principles of spiritual and religious care in health and social care
- Spiritual and religious care in health and social care practice
- Advanced health and social care practice.

Why Glasgow

- The programme enables students from across the UK and the world to benefit from Scotland's leading role in the development of spiritual and religious care in health and social care and its published resources.
- This distance learning programme enables students to engage in advanced professional education relevant to their health and social care practice and gain a recognised postgraduate award from a leading university.

Sports Nutrition

PgCert: 4 months full-time
(mid-January to mid-May)

This programme, one of only a few short programmes offered in sports nutrition, will extend your knowledge and skills in sports nutrition, and basic sports science or nutritional and dietary assessment.

gla.ac/1HvMQIP
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evelyn.nicol@glasgow.ac.uk

Core course

- Sports and exercise nutrition.

Optional courses (one chosen)

- Introduction to sports and exercise science for nutritionists
- Dietary and nutritional assessment.

Why Glasgow

- You will also develop skills in evidence-based practice in sports nutrition.
- If you are a nutritionist or have a good background in nutrition and/or dietetics and want to extend your knowledge and skills in this area, this programme is designed for you.

Translational Medical Sciences

MSc: 12 months full-time
PgDip: 8 months full-time
PgCert: 4 months full-time

The Masters in Translational Medical Sciences programme provides a platform from which students will develop insight and understanding into different research methodologies, and determine how to apply these to clinical and biomedical research relevant to the health, academic or industrial sectors.

gla.ac/1PtMf5z
gordon.ramage@glasgow.ac.uk

Programme structure

The MSc programme will consist of four specialist choices (including a bespoke option), four compulsory courses, and a project. Sixteen additional optional courses are also available depending on the specialism selected.

Specialist options

- Diagnostic technologies
- Molecular medicine
- Molecular pathology
- Surgical oncology.

Core courses and project

- Evidence based medicine in research
- Translational medical research approaches
- Applied research methodology
- Statistics
- TMS research project.

Optional courses

- Advanced nucleic acid techniques
- Molecular techniques in medicine
- OMIC technologies for the biomedical sciences: from genomics to metabolomics
- Molecular pathology
- Frontiers in cancer sciences
- Introduction to surgical oncology
- Surgical oncology: management and treatment
- Diagnostic science in action
- Diagnostic techniques and devices
- Translational biomarkers
- Microbes in medicine
- Translational immunology
- Medical and research ethics
- Clinical and research audit
- Research in human nutrition and metabolism
- Laboratory methodologies.

Career prospects

This Masters degree will equip you for employment in health service laboratories or in the industrial sector, or to undertake future PhD study.

Why Glasgow

- You will gain expert practical, analytical and communication skills, enabling you to work and develop within a number of challenging environments in subjects allied to medicine.
- You will work with experts from a range of medical and clinical disciplines.

‘Studying for an MSc in Medical Genetics is one of the best learning experiences I have ever had. I was offered a great deal of support and motivation from the lecturers and support staff. I gained knowledge, confidence and acquired a direction to my career. This programme provided the base for my ultimate aim to be a genetic counsellor. Today when I am pursuing my goals, I have an advantage over others because of this programme.’

Rana, Abu Dhabi
Medical Genetics (MSc) graduate

SCHOOL OF VETERINARY MEDICINE

Research activity in the School of Veterinary Medicine builds on over 50 years' experience in comparative medicine and clinical science.

- The School of Veterinary Medicine is located on the 80 hectare Garscube campus at the Northwest boundary of the city, four miles from the University's Gilmohrhill campus. The school was founded in 1862 and gained independent faculty status in 1969.
- The school has a 190 hectare commercial farm and research centre at Cochno, 15 minutes from the Garscube campus (5 miles north).
- The school has approximately 199 staff (academic, research and support) with an additional 65 postgraduate research students, 30 postgraduate clinical scholars and 600 undergraduate students.
- The University of Glasgow's School of Veterinary Medicine is pre-eminent in teaching, research and clinical provision, and attracts students, researchers and clinicians from around the world.

Veterinary Public Health

MVPH: 12 months full-time;
24 or 36 months part-time

gla.ac/1DXyaYY
billy.steele@glasgow.ac.uk,
nan.lawless@glasgow.ac.uk

This is the only programme offering a Masters in Veterinary Public Health in Scotland. Students enrol in January each year.

Programme structure

You will be taught through lectures, seminars and tutorials. Project work and teamwork will be enhanced by UK study trips.

The programme comprises six courses and a final dissertation. Each course consists of a one-week intensive residential component designed to familiarise you with your tutors, subject matter and peers, followed by directed reading and assessed assignments.

Taught modules are offered in three blocks of two courses. Continual web based support will be provided for each course. This means you are only required to be resident in Glasgow for three two-week periods during the programme. The remainder of each course is completed by web-supported distance education.

All courses and assignment work are taught and assessed by members of the School of Veterinary Medicine, Health Protection Scotland and City of Glasgow College.

Courses

- Global veterinary medicine
- Zoonoses and infectious disease
- Veterinary epidemiology: quantitative methods
- Hygienic production of food (I)
- Hygienic production of food (II)
- Veterinary epidemiology: methods in surveillance and field investigation.

Career prospects

Graduates with the MVPH degree will be highly qualified and employable for a range of positions from industry to public health practice to government agency.

Why Glasgow

- Veterinary Medicine research at Glasgow is ranked 7th in the world and 2nd in the UK in the 2015 QS subject rankings for veterinary science.
- We are ranked 2nd in the UK in The Complete University Guide 2016 for veterinary medicine.
- We are ranked number 1 in the UK for quality of veterinary research in REF 2014.
- The Royal College of Veterinary Surgeons has accredited the different courses in the programme.

The Grade Point Average for Glasgow's veterinary and animal health research activity was ranked top among the UK veterinary schools (REF 2014).

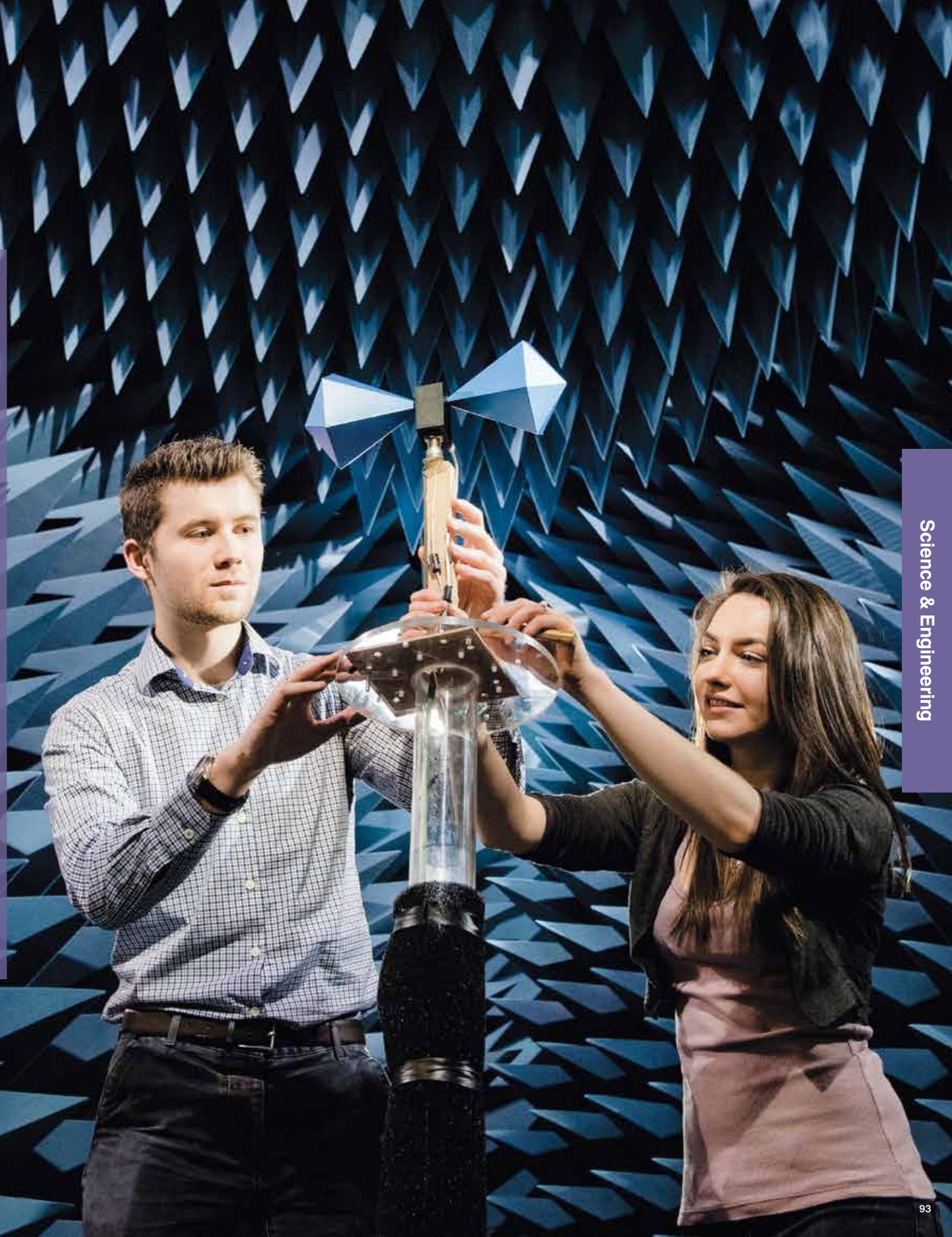
COLLEGE OF SCIENCE & ENGINEERING

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Research Institute

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Joint with the College of Medical, Veterinary & Life Sciences	



EXCELLENT RESEARCH CULTURE

We work to understand the world we live in, to do research that is relevant to global needs and to help create the emerging technologies of the 21st century.

Our graduate school provides a world-leading environment for students, which encourages them to contribute to culture, society and the economy and enables them to become leaders in a global environment.

We have a diverse community of over 1,100 postgraduate students from more than 70 countries who work in innovative and transformative disciplinary and interdisciplinary fields.

Research environment

Our postgraduate students are able to draw on the research strengths of our academics. We have expertise in the core disciplines of chemistry; computing science; engineering; geography and earth sciences; mathematics and statistics; physics and astronomy; and psychology.

Our expertise in interdisciplinary areas includes research into:

- Electronics and photonics
- Energy and sustainability
- Healthcare and diagnostics imaging
- Materials and nanotechnology
- Modelling and simulation
- Security, defence and aerospace
- Sensor systems
- Space
- Synthetic biology.

Learning environment

Our degree programmes allow you to develop your existing knowledge and skills base or translate these from a related discipline to one in science and engineering. As a student in our college, you will benefit from support for all aspects of your study experience – from application, admission, registration and induction to training, progression and examination. We tailor our provision to your individual needs and will assign you an adviser of studies who will be available for consultation throughout your time at Glasgow.

Career development

We support your research skills and professional development through a range of training initiatives, resources and courses. For research students, our training programme offers the necessary skills to further your career, including courses such as scientific writing, presentation skills, project management, entrepreneurship and communicating science to the public.

Professional bodies, such as the Chartered Institute for Information Technology (BCS), British Psychological Society (BPS), Royal Statistical Society (RSS) and London Mathematical Society (LMS), organise various events and courses, some of which are aimed at postgraduate students. You may also be able to take advantage of opportunities to network with potential future employers, or train to become a graduate teaching assistant.

Having submitted 94% of all eligible staff, the College of Science and Engineering has 90% world-leading and internationally excellent research, rising to 95% for its impact.

Resources and facilities

As a postgraduate student in the College of Science & Engineering you will enjoy access to state-of-the-art software, as well as facilities including the following:

- Centre for Cognitive Neuroimaging
- Centre for Rehabilitation Engineering
- Electronics Design Centre
- Glasgow Molecular Organic Geochemistry Laboratory
- Imaging Spectroscopy and Analysis Centre
- James Watt Nanofabrication Centre
- Kelvin Nanocharacterisation Centre
- Scottish Universities Environmental Research Centre (SUERC) is a dynamic research centre that is home to state-of-the-art analytical technology that we use to address major issues in environmental, earth and life sciences.

Funding and scholarships

We are able to support home/EU and international students through a diverse scholarship portfolio which includes the various research councils, bequests, international government and industrial partners. The availability of individual scholarships will depend on the subject you wish to study and when you wish to commence your studies.

The University also supports its postgraduate community through internally funded scholarships in areas of strategic importance. Further information about current scholarships is available at www.glasgow.ac.uk/scienceengineering/scholarships



Research programmes

We offer the following research degrees:

- PhD (Doctor of Philosophy)
- EngD (Engineering Doctorate)
- MSc (Master of Science) by Research.

For full details of research degrees and how to apply, visit page 25.

Taught programmes

We offer around 50 taught postgraduate programmes. These are listed by subject on the following pages.

Our taught degrees usually last for one year (full-time) and are delivered through a range of structured classroom and seminar activities, led by academic members of staff, many of whom are world leaders in their field. These activities run alongside more independent but supervised (typically one-to-one) learning experiences.

Our programmes provide an opportunity to extend your existing knowledge of a subject, to engage with a new subject area, or to work across subject areas in an interdisciplinary programme.

January intake

All our postgraduate taught programmes begin in September but some also have a January intake. These programmes are:

School of Engineering

- Aeronautical Engineering
- Aerospace Engineering & Management
- Civil Engineering & Management
- Electronics & Electrical Engineering
- Electronics & Electrical Engineering & Management
- Mechanical Engineering
- Mechanical Engineering & Management
- Mechatronics.

School of Geographical & Earth Sciences

- Geomatics & Management.

School of Physics & Astronomy

- Physics: Advanced Materials
- Physics: Energy & the Environment
- Physics: Global Security
- Physics: Life Sciences
- Physics: Nuclear Technology
- Theoretical Physics.

For details of how to apply see page 24.

The University recently led the bid that secured £10m to create a new Innovation Centre in Sensing and Imaging Systems. This flagship project will combine academic innovation capabilities with local industry.

There are around 130 companies in Scotland working with sensors and imaging, and the new centre could increase that number, to the benefit of Scotland's economy.

www.censis.org.uk

CHEMISTRY

Our school is expert at designing new catalysts for the chemical and pharmaceutical industry while using advanced molecular technologies to create self-fabricating materials.

- Our research covers all aspects of chemistry, as well as the interfaces with biology, materials science, medicine and physics.
- We work in close collaboration with industry and our dynamic learning environment gives many opportunities to hear from, meet with, and learn from industry professionals.
- Industrial scientists give regular presentations while leading companies input on course content, and conduct lectures and seminars.
- Our state-of-the-art facilities include a well-equipped complex chemical systems research laboratory.
- You can benefit from access to wider resources and opportunities for research collaboration through WestCHEM, a partnership that brings together the Schools of Chemistry at the Universities of Glasgow and Strathclyde.
- The WestCHEM graduate school has around 240 Chemistry PhD students of whom around 100 are based at the University of Glasgow.
- ScotCHEM, the umbrella organisation for WestCHEM, is a strategic research collaboration that pulls together the resources of the major schools of chemistry in Scotland.

Postgraduate research programme

We offer a range of PhD studentships beginning in October each year.

Research interests

- Catalysis
- Chemical biology and medicinal chemistry
- Complex chemistry
- Dynamics and structure
- Nanoscience and materials chemistry

Find potential supervisors

You are welcome to contact individual staff members to discuss a potential research topic before applying:

Visit: www.glasgow.ac.uk/chemistry/staff-academic
Tel: +44 (0)141 330 2529
Email: pg-enquiries@chem.glasgow.ac.uk

Applications for the WestCHEM graduate school should be made via the college graduate school through www.glasgow.ac.uk/research/opportunities/howtoapplyforaresearchdegree

Entry requirements

For entry requirements and how to apply, see page 25.

Scholarships and fees

For scholarships and fees, see pages 26 – 27.

‘At Glasgow I have found world-leading researchers, very kind staff, an amazing campus and a lovely city, a great combination which would have been hard to find anywhere else.’

Carlos, Mexico
Chemistry (PhD) student

Chemistry

MSc: 12 months full-time

The Masters in Chemistry will extend your depth and breadth of knowledge in all branches of chemistry, suitable for a professional chemist capable of conducting research.

www.gla.ac.uk/1DJoGTT
pgt-enquiries@chem.gla.ac.uk

Programme structure

From September to March, you will attend lectures and tutorials. You will undertake a 12-week research project from June to August, which will provide practical application and consolidation of earlier work and enhance your ability to do independent work and present results effectively.

Core courses

- Inorganic, organic and physical chemistry
- Frontiers of chemistry
- Chemistry problems
- Special topics from inorganic, organic and physical chemistry.

Career prospects

Career opportunities include the chemical or pharmaceutical industry, from bench work and instrumentation to regulatory affairs, health and safety, and intellectual property/patents. Research-related jobs usually require a PhD, for which this programme provides an ideal preparation.

Graduates of this programme have gone on to positions such as:

- Teacher at a UK secondary school.

Why Glasgow

- The MSc Chemistry is accredited by the Royal Society of Chemistry (RSC).
- The school is a member of ScotCHEM, which brings together seven universities in Scotland. ScotCHEM is committed to excellence and to providing the highest-quality postgraduate education and researcher experience.
- You will benefit from our links with industrial scientists, often from pharmaceutical companies, who regularly visit the school to give presentations.

Chemistry with Medicinal Chemistry

MSc: 12 months full-time

The Masters in Chemistry with Medicinal Chemistry will extend your depth and breadth of knowledge in all branches of chemistry, but with some specialisation in medicinal chemistry, suitable for a professional medicinal chemist capable of conducting research.

www.gla.ac.uk/1FjDmZj
pgt-enquiries@chem.gla.ac.uk

Programme structure

From September to March, you will attend lectures and tutorials. You will undertake a 12-week research project from June to August, which will provide practical application and consolidation of earlier work and enhance your ability to do independent work and present results effectively.

Core courses

- Inorganic, organic and physical chemistry
- Medicinal chemistry
- Frontiers of chemistry
- Chemistry problems
- Special topics from inorganic, organic and physical chemistry.

Career prospects

Career opportunities in the chemical or pharmaceutical industry, from bench work and instrumentation to regulatory affairs, health and safety, and intellectual property/patents. Research-related jobs usually require a PhD, for which this programme provides an ideal preparation.

Graduates of this programme have gone on to positions such as:

- Researcher at Piramal Healthcare UK Ltd
- Assistant Lecturer and Researcher at a university.

Why Glasgow

- The MSc Chemistry with Medicinal Chemistry is accredited by the Royal Society of Chemistry (RSC).
- The school is a member of ScotCHEM, which brings together seven Universities in Scotland. ScotCHEM is committed to excellence and to providing the highest quality postgraduate education and researcher experience.
- You will benefit from our links with industrial scientists, often from pharmaceutical companies, who regularly visit the school to give presentations.

COMPUTING SCIENCE

Our School of Computing Science offers a high-quality learning environment in which world-class research informs course content and delivery.

- Our school is large enough to sustain a rich diversity of interests, but small enough for everyone to know everyone else. There are around 30 academic staff, 70 research students, 30 research assistants and six research fellows.
- We have strong links with industry and you will have the opportunity to meet people from a range of organisations. We hold regular workshops and conferences, and every week we host talks by internal and invited speakers.
- Grants and fellowships total more than £6 million. The school hosts 24 EPSRC funded research projects, six EC-funded projects, seven industrially funded projects and several research fellowships.
- We have a dedicated computing laboratory with 60 workstations running 64-bit Windows 7. Research students each have a PC workstation as well as access to powerful process servers.
- Scholarship opportunities include three prize scholarships for PhD students provided each year by the Scottish Informatics and Computer Science Alliance (SICSA) www.glasgow.ac.uk/colleges/scienceengineering/graduateschool/scholarships

Postgraduate research programme

We offer two research degree programmes: the PhD and the MSc by Research.

Research interests

- Computer vision and graphics
- Embedded, networked and distributed systems
- Formal analysis, theory and algorithms
- Human-computer interaction
- Inference, dynamics and interaction
- Information retrieval
- Software engineering and information security.

The vibrant research culture of the school strongly encourages crossdisciplinary collaboration, with each research group running its own seminar series as well as contributing to a weekly research forum.

Find potential supervisors

You are welcome to contact individual staff members to discuss a potential research topic before applying:

Visit: www.glasgow.ac.uk/computing/staff
Tel: +44 (0)141 330 5322
Email: helen.mcnee@glasgow.ac.uk

Entry requirements

For entry requirements and how to apply, see page 25.

Scholarships and fees

For scholarships and fees, see pages 26 – 27.

'I am doing my PhD in Computing Science with funding from the Scottish Informatics and Computer Science Alliance. I am extending the work that I have done in my MSc project, and am investigating ways to improve the usability as well as security of graphical authentication mechanisms.'

Soumyadeb, India
Computing Science (PhD) student

Computing Science

MSc: 12 months full-time; 24 months part-time

The Masters in Computing Science provides you with a thorough grounding in professional software development, together with experience of conducting a development project, preparing you for responsible positions in the IT industry.

www.gla.ac.uk/1BdGs1h
ron.poet@glasgow.ac.uk

Programme structure

Modes of delivery of the MSc in Computing Science include lectures, seminars and tutorials and allow students the opportunity to take part in lab, project and teamwork.

Core courses

- Research methods and techniques
- Masters team project.

Optional courses

- Advanced networking and communications
- Advanced operating systems
- Algorithmics
- Artificial intelligence
- Big data: systems, programming and management
- Computer architecture
- Computer vision methods and applications
- Constraint programming
- Cyber security
- Distributed algorithms and systems
- Enterprise computing
- Functional programming
- Human computer interaction
- Human computer interaction: design and evaluation
- Human-centred security
- Information retrieval
- Internet technology
- IT architecture
- Machine learning
- Mobile human computer interaction
- Modelling reactive systems
- Safety critical systems.

Depending on staff availability, the optional courses listed here may change.

If you wish to engage in part-time study, please be aware that, depending on your optional taught courses, you may still be expected to be on campus on most weekdays.

Career prospects

Graduates of this programme have gone on to positions such as:

- Software Engineering at Kana Software
- IT-trainee at Allianz Deutschland
- Research Assistant at a university
- Lab Demonstrator at a university.

You will also be well qualified to proceed to study for a PhD in computing science.

Why Glasgow

- The MSc Computing Science is accredited by the British Computer Society (BCS) and the Institution of Engineering & Technology (IET).

Data Science

MSc: 12 months full-time; 24 months part-time

The Masters in Data Science provides you with a thorough grounding in the analysis and use of large data sets, together with experience of conducting a development project, preparing you for responsible positions in the Big Data and IT industries.

www.gla.ac.uk/1BdGE01
ron.poet@glasgow.ac.uk

Programme structure

Modes of delivery of the MSc in Data Science include lectures, seminars and tutorials and allow students the opportunity to take part in lab, project and teamwork.

Core courses

- Big data
- Distributed algorithms and systems
- Information retrieval
- Machine learning
- Research methods and techniques
- Masters team project.

Optional courses

- Advanced operating systems
- Artificial intelligence
- Computer architecture
- Computer vision methods and applications
- Constraint programming
- Cyber security
- Enterprise computing
- Financial software engineering
- Functional programming
- Human computer interaction
- Human computer interaction: design and evaluation
- Human-centred security
- Information technology architecture
- Mobile human computer interaction
- Multimedia systems and applications
- Safety critical systems.

Depending on staff availability, the optional courses listed here may change.

If you wish to engage in part-time study, please be aware that, depending on your optional taught courses, you may still be expected to be on campus on most weekdays.

Career prospects

You will be well qualified for responsible software development positions, not only in the IT sector but also in many other sectors such as education, engineering, health services, financial services, government, manufacturing, retail, and transport. Expertise in data science and big data is particularly prized by employers. Graduates of this programme have gone on to positions such as:

- Software Engineer at Graham Technology.

You will also be well qualified to proceed to a PhD in computing science.

Why Glasgow

- The school is a member of the Scottish Informatics and Computer Science Alliance: SICSA. This collaboration of Scottish universities aims to develop Scotland's place as a world leader in Informatics and Computer Science research and education.

Information Security

MSc: 12 months full-time; 24 months part-time

The Masters in Information Security provides you with a thorough grounding in professional software development, together with experience of conducting a development project, preparing you for responsible positions in the IT industry.

www.gla.ac.uk/1JTvCP9
ron.poet@glasgow.ac.uk

Programme structure

Modes of delivery of the MSc in Information Security include lectures, seminars and tutorials and allow students the opportunity to take part in lab, project and teamwork.

Core courses

- Cyber security
- Human-centred security
- Research methods and techniques
- Safety critical systems
- Masters team project.

Optional courses

- Advanced networking and communications
- Advanced operating systems
- Algorithmics
- Artificial intelligence
- Big data: systems, programming and management
- Computer architecture
- Computer vision methods and applications
- Constraint programming
- Distributed algorithms and systems
- Enterprise computing
- Functional programming
- Human computer interaction
- Human computer interaction: design and evaluation
- Information retrieval
- Internet technology
- IT architecture
- Machine learning
- Mobile human computer interaction
- Modelling reactive systems.

Depending on staff availability, the optional courses listed here may change.

If you wish to engage in part-time study, please be aware that, depending on your optional taught courses, you may still be expected to be on campus on most weekdays.

Career prospects

Graduates of this programme have gone on to positions such as:

- Web Developer at Bazookas Studios.

You will also be well qualified to proceed to a PhD in computing science.

Why Glasgow

- The MSc Information Security is accredited by the British Computer Society (BCS).
- With 97% overall student satisfaction in the National Student Survey 2014, the school continues to meet student expectations combining both teaching excellence and a supportive learning environment.

Information Technology

MSc: 12 months full-time;
24 months part-time



The Masters in Information Technology is an intensive, practically oriented taught postgraduate programme which will equip you with advanced IT skills. You will apply your knowledge and skills by conducting a development project.

gla.ac/1DGihy4
ron.poet@glasgow.ac.uk

Programme structure

Modes of delivery of the MSc in Information Technology include lectures, seminars and tutorials and allow students the opportunity to take part in lab, project and teamwork.

Core courses

- Database theory and applications
- Programming
- Software engineering
- Software project management
- Systems and networks
- Group project.

Plus one of the following specialist courses:

- Enterprise computing
- Human-centred security.

Optional courses

- Advanced programming
- Algorithms and data structures
- Cyber security
- Digitisation
- Human computer interaction: design and evaluation
- Internet technology
- Safety critical systems.

Depending on staff availability, the optional courses listed here may change.

If you wish to engage in part-time study, please be aware that, depending on your optional taught courses, you may still be expected to be on campus on most weekdays.

Career prospects

Graduates of this programme have gone on to positions such as:

- Programmer at Ciber
- IT Software Developer at Lockheed Martin (Amor Group Ltd)
- Web Developer at Emerald Design
- Technical Consultant at Kana Verint
- Project Manager at Equator
- IT Consultant at Agile Solutions
- Business Analyst at Reply Ltd
- Analyst at Agile Solutions (GB) Ltd
- Developer at SwarmOnline
- Associate Software Engineer at Moody's
- Technical Analyst at QueryClick
- Junior Software Developer at TBR Global
- Junior Developer at OLM Group
- Graduate Digital Developer at Tesco Bank
- Graduate Developer at VShips Crewing
- Software Developer at SEEMiS Group LLP
- Application Developer at JP Morgan
- Technical Graduate Trainee at Fujitsu.

Why Glasgow

- The MSc Information Technology is accredited by the British Computer Society (BCS).

Software Development

MSc: 12 months full-time;
24 months part-time



The Masters in Software Development will give you an intensive grounding in computer programming, professional software development and related skills. You will apply your knowledge and skills by undertaking a demanding software development project.

gla.ac/1Hzv67C
ron.poet@glasgow.ac.uk

Programme structure

Modes of delivery of the MSc in Software Development include lectures, seminars and tutorials and allow students the opportunity to take part in lab, project and teamwork.

Core courses

- Advanced programming
- Algorithms and data structures
- Database theory and applications
- Programming
- Software engineering
- Software project management
- Systems and networks
- Group project.

Plus one of the following specialist courses:

- Enterprise computing
- Human-centred security.

Optional courses

- Cyber security
- Digitisation
- Human computer interaction: design and evaluation
- Internet technology
- Safety critical systems.

Depending on staff availability, the optional courses listed here may change.

If you wish to engage in part-time study, please be aware that, depending on your optional taught courses, you may still be expected to be on campus on most weekdays.

Career prospects

Graduates of this programme have gone on to positions such as:

- Junior Java Developer at Sky
- Software Engineer at Kotikan
- Graduate Developer at BiP Solutions
- Self-employed Junior Database Programmer.
- Software Engineer at Morgan Stanley
- Graduate Developer at BiP Solutions
- Web Developer at FibroTest
- Software Developer at Seemis.

Why Glasgow

- The MSc Software Development is accredited by the British Computer Society (BCS).
- With a 97% overall student satisfaction in the National Student Survey 2014, the school continues to meet student expectations combining both teaching excellence and a supportive learning environment.

Software Engineering

MSc: 12 months full-time;
24 months part-time

The Masters in Software Engineering provides you with a thorough grounding in professional software development, together with experience of conducting a development project, preparing you for responsible positions in the IT industry.

gla.ac/1bAeMrQ
ron.poet@glasgow.ac.uk

Programme structure

Modes of delivery of the MSc in Software Engineering include lectures, seminars and tutorials and allow students the opportunity to take part in lab, project and teamwork.

Core courses

- Enterprise computing
- IT architecture
- Research methods and techniques
- Safety critical systems
- Masters team project.

Optional courses

- Advanced networking and communications
- Advanced operating systems
- Algorithmics
- Artificial intelligence
- Big data: systems, programming and management
- Computer architecture
- Computer vision methods and applications
- Constraint programming
- Cyber security
- Distributed algorithms and systems
- Financial software engineering
- Functional programming
- Human-computer interaction
- Human-computer interaction: design and evaluation
- Human-centred security
- Information retrieval
- Internet technology
- Machine learning
- Mobile human-computer interaction
- Modelling reactive systems.

Depending on staff availability, the optional courses listed here may change.

If you wish to engage in part-time study, please be aware that dependent upon your optional taught courses, you may still be expected to be on campus on most weekdays.

Career prospects

Graduates of this programme have gone on to positions such as:

- Software Engineer at Kana Software.

You will also be well qualified to proceed to a PhD in computing science.

Why Glasgow

- The MSc Software Engineering is accredited by the British Computer Society (BCS) and the Institution of Engineering & Technology (IET).

ENGINEERING

As the oldest School of Engineering in the UK, we have been delivering world-class engineering education and research for more than 150 years.

- A research income of £12 million each year provides unique facilities that support over 200 staff and research students.

- Our outstanding facilities include an environmental lab, an advanced medical diagnostics lab, wind tunnels, a flight testing lab, a structural testing apparatus and high-performance computing facilities for modelling and simulation.

- Students studying and researching in areas associated with nanotechnology can have access to the James Watt Nanofabrication Centre (JWNC) and the Kelvin Nanocharacterisation Centre. The JWNC holds a number of world records in nanofabrication including records for the performance of nanoscale electronic and optoelectronic devices.

- You will join an interdisciplinary School of Engineering and will benefit from the expertise of world-leading researchers who are addressing major challenges facing society in areas including the environment, digital economy, ICT, energy, healthcare, manufacturing, transport and security.

- Over 250 international companies have worked with the JWNC in the last five years. Over 90 different universities from around the globe collaborate with us in nanoscience and nanotechnology.

Postgraduate research programme

Our school offers a vibrant PhD programme and a wide variety of research topics.

Research interests

- **Aerospace sciences:** space flight and dynamics; aerodynamics; experimental wind tunnel facilities; shock physics; computational fluid dynamics; wind and turbulence around large structures.
- **Biomedical engineering:** cell and tissue engineering; microfluidics and lab-on-a-chip; rehabilitation and assistive engineering; rehabilitation technology; systems biology.
- **Electronics and nanoscale engineering:** nanofabrication; microsystems technology; advanced electronic devices and materials; optoelectronics; device modelling; VLSI; microwave integrated circuit design.
- **Infrastructure and environment:** environmental biotechnology; water engineering; mechanics of materials; computational mechanics; geotechnics.
- **Systems, power and energy:** energy; ultrasonics; materials and manufacturing; space systems.

Find potential supervisors

You are welcome to contact individual staff members to discuss a potential research topic before applying:

Visit: www.glasgow.ac.uk/engineering
Email: eng-pgradoffice@glasgow.ac.uk

Entry requirements

For entry requirements and how to apply, see page 25.

Scholarships and fees

For scholarships and fees, see pages 26 – 27.

‘Glasgow has a long and impressive history in engineering and the School of Engineering offers a variety of multidisciplinary programmes that enable you to engineer your future.’

Sepideh, United Kingdom
Structural Engineering &
Mechanics (MSc) graduate

Aeronautical Engineering

MSc: 12 months full-time



The Masters in Aeronautical Engineering focuses on advanced engineering subjects required for understanding modern design of fixed-wing aircraft.

gla.ac/1EmEKtx
pgadmissions@glasgow.ac.uk

Programme structure

Modes of delivery of the MSc in Aeronautical Engineering include lectures, seminars and tutorials and allow students the opportunity to take part in lab, project and teamwork. You will attend taught courses and take part in laboratory-based assignments and field visits. You will be further assessed in coursework, report writing and oral presentations.

The summer period is dedicated to project work, with either academic or industrial placements providing the context for your project.

Semester 1

- Aerospace control 1
- Aircraft flight dynamics
- Navigation systems
- Space flight dynamics 1
- Viscous shear flows.

Semester 2 courses (five chosen)

- Autonomous vehicle guidance systems
- Composites airframe structures
- Introduction to aeroelasticity
- Introduction to computational fluid dynamics
- Introduction to wind engineering
- Robust control 5
- Spacecraft systems 2
- Aerospace design project.

Career prospects

Career opportunities include positions in aerospace, defence, renewable energy, control design and structural engineering. You can also continue studying, for a research Masters or a PhD.

Graduates of this programme have gone on to positions such as:

- Teaching Assistant at a university
- Graduate Engineer at UTC Aerospace Systems
- Scientist at Fluid Gravity Engineering Ltd
- Project Manager at CATIC.

Why Glasgow

- The University has been the home of Aerospace Research for over 60 years. This long-standing activity has culminated in the Division of Aerospace Sciences having internationally recognised expertise in all areas of Aeronautics and Aerospace Systems.
- The MSc Aeronautical Engineering is accredited by the Royal Aeronautical Society (RAeS) and the Institution of Mechanical Engineers (IMechE).

Aerospace Engineering & Management

MSc: 12 months full-time

The Masters in Aerospace Engineering & Management introduces you to contemporary business and management issues while increasing your depth of knowledge in your chosen aerospace engineering specialty.

gla.ac/1cW7uON
pgadmissions@glasgow.ac.uk

Programme structure

There are two semesters of taught material and a summer session working on a project or dissertation. September-entry students start with management courses and January-entry students with engineering courses.

Semester 1

- Contemporary issues in human resource management
- Managing creativity and innovation
- Managing innovative change
- Marketing management
- Operations management
- Project management.

Semester 2

- Integrated systems design project.

Optional courses (four chosen)

- Autonomous vehicle guidance systems
- Composite airframe structures
- Fault detection, isolation and reconfiguration
- Introduction to aeroelasticity
- Introduction to computational fluid dynamics
- Introduction to wind engineering
- Radar and electro-optic systems
- Robust control 5
- Spacecraft systems 2.

Project or dissertation

You will undertake an individual project or dissertation work in the summer period (May – August). September-entry students have a choice of management dissertation topics in addition to aerospace engineering projects, and January-entry students have a choice of aerospace engineering projects.

Career prospects

Career opportunities include positions in aerospace, defence, renewable energy, nuclear energy and management. You can also continue studying, for a research Masters or a PhD.

Why Glasgow

- The University has been the home of Aerospace Research for over 60 years. This long-standing activity has culminated in the Division of Aerospace Sciences having internationally recognised expertise in all areas of Aeronautics and Aerospace Systems.
- You will be taught jointly by staff from the School of Engineering and the Adam Smith Business School. You will benefit from their combined resources and expertise and from an industry-focused curriculum.

Aerospace Systems

MSc: 12 months full-time

Aerospace systems are the future of the aerospace industry and constitute the major component of all modern aircraft. They are the essential onboard systems that ensure the safe and accurate operation of all aerospace vehicles, from civil passenger planes to sophisticated unmanned aerial vehicles.

gla.ac/1JB3TQK
pgadmissions@glasgow.ac.uk

Programme structure

Modes of delivery of the MSc in Aerospace Systems include lectures, seminars and tutorials and allow students the opportunity to take part in lab, project and teamwork.

The summer period is dedicated to project work, with either academic or industrial placements providing the context for your project.

Semester 1 core courses

- Aircraft flight dynamics
- Control M
- Navigation systems
- Simulation of aerospace systems
- Space flight dynamics 1.

Semester 2 core courses

- Autonomous vehicle guidance systems
- Fault detection, isolation and reconfiguration
- Radar and electro-optic systems
- Robust control 5
- Aerospace systems team design project.

Career prospects

Career opportunities include aerospace, defence, laser targeting systems, radar development, electro-optics, autonomous systems and systems modelling.

Graduates of this programme have gone on to positions such as:

- Software Engineer at Hewlett-Packard
- Avionic and Mission System Engineer at Qinetiq
- Engineering Corporal and Driver at Hellenic Army.

Why Glasgow

- The MSc Aerospace Systems is accredited by the Royal Aeronautical Society (RAeS) and the Institution of Mechanical Engineers (IMechE).
- The University has been the home of Aerospace Research for over 60 years. This long-standing activity has culminated in the Division of Aerospace Sciences having internationally recognised expertise in all areas of Aeronautics and Aerospace Systems.
- The University of Glasgow is one of the few institutions in the UK, and the only university in Scotland, to offer an Aerospace Systems MSc.

Biomedical Engineering

MSc: 12 months full-time

The Masters in Biomedical Engineering is an interdisciplinary programme that will equip you for employment within the biomedical engineering sector. This programme addresses all the key aspects of biomedical engineering.

gla.ac/1bnRULE
pgadmissions@glasgow.ac.uk

Programme structure

Modes of delivery of the MSc in Biomedical Engineering include lectures, seminars and tutorials and allow students the opportunity to take part in lab work, teamwork and study trips in the UK.

You will undertake an MSc project working on a specific research area with one of the academics.

Core courses

- Applications of biomedical engineering
- Biological fluid mechanics
- Cellular biophysics
- Energy in biological systems
- Medical imaging
- Statistics for biomedical engineering
- MSc project.

Optional courses

- Advanced imaging and therapy
- Applied engineering mechanics
- Bioinformatics and systems biology
- Biomechanics
- Biosensors and diagnostics
- Microscopy and optics
- Nanofabrication
- Rehabilitation engineering
- Scaffolds and tissues
- Signal processing of bio-signatures
- Tissue and cell engineering.

Career prospects

Career opportunities include positions in rehabilitation engineering, biomaterials for reconstructive surgery, biosensors, device and implant design and development, and biosignal processing.

Why Glasgow

- The school has been delivering engineering education and research for more than 150 years and is the oldest School of Engineering in the UK.
- Biomedical Engineering is the newest division of the school, bringing together our long-standing expertise. Research covers four themes: Biomaterials and Tissue Engineering, Bionanotechnology, Rehabilitation Engineering and Biosensors and Diagnostics.

Civil Engineering

MSc: 12 months full-time

Those who study the Masters in Civil Engineering will gain advanced knowledge and associated analytical and problem-solving skills in a range of key sub-disciplines of Civil Engineering, and develop the ability to apply this knowledge in engineering design and to the solution of open-ended and multi-disciplinary problems.

gla.ac/1yVWpaM
pgadmissions@glasgow.ac.uk

Programme structure

Modes of delivery of the MSc Civil Engineering include lectures, tutorials, design classes and computing labs, and give you the opportunity to take part in team design projects, other coursework and project-based activities, and a major individual project.

Core courses

- Civil design project
- Integrated systems design project.

Optional courses

You will choose a total of eight courses, at least five of which must be from List A:

List A

- Advanced soil mechanics 5
- Advanced structural analysis and dynamics 5
- Applied engineering mechanics 4
- Computational modelling of non-linear problems 5
- Introduction to wind engineering
- Principles of GIS
- Reclamation of contaminated land 5
- Structural concrete C5.

List B

- Environmental biotechnology 4
- Geotechnical engineering 4
- Ground engineering 4
- Renewable energy 4
- Structural analysis 4
- Structural design 4
- Transportation systems engineering 4.

Career prospects

Career opportunities include positions in civil engineering, structural engineering and environmental engineering, and working with design consultants, contractors and public authorities or utilities.

Why Glasgow

- The school has been delivering engineering education and research for more than 150 years and is the oldest School of Engineering in the UK.
- You will select courses from key sub-disciplines of Civil Engineering, notably structural engineering, geotechnical engineering, environmental engineering, computational mechanics and transportation engineering.

Civil Engineering & Management

MSc: 12 months full-time

The Masters in Civil Engineering & Management introduces you to contemporary business and management issues while increasing your depth of knowledge in your chosen civil engineering specialty.

gla.ac/1IQ0Lka
pgadmissions@glasgow.ac.uk

Programme structure

There are two semesters of taught material and a summer session during which you will work on an individual supervised project and write a dissertation on its outcomes. Students entering the programme in January are restricted to civil engineering (i.e. excluding management) topics only.

Semester 1 (September – December)

- Contemporary issues in human resource management
- Managing creativity and innovation
- Managing innovative change
- Marketing management
- Operations management
- Project management.

Semester 2 (January – April)

- Integrated systems design project.

Optional courses

You will choose a total of four courses from Lists A and B, at least one must be from List A:

List A

- Advanced soil mechanics 5
- Advanced structural analysis and dynamics 5
- Computational modelling of non-linear problems 5
- Introduction to wind engineering
- Principles of GIS.

List B

- Geotechnical engineering 3
- Ground engineering 4
- Recycling urban land
- Structural analysis 4
- Transportation systems engineering 4.

Project or dissertation

You will undertake an individual project or dissertation work in the summer period (May-August). September-entry students have a choice of management dissertation topics in addition to civil engineering projects, and January-entry students have a choice of civil engineering projects.

Career prospects

Graduates of this programme have gone on to positions such as:

- Assistant Consultant at BMT Asia Pacific
- Engineer at VINCI.

Why Glasgow

- You will be taught jointly by staff from the School of Engineering and the Adam Smith Business School. You will benefit from their combined resources and expertise and from an industry-focused curriculum.

Computer Systems Engineering

MSc: 12 months full-time

This Masters in Computer Systems Engineering exposes students to state-of-the-art miniaturised and mobile computer systems and smart device technology, allowing them to acquire the complementary hardware and software knowledge and skills required for understanding and designing such systems.

gla.ac/1HzvJxZ
pgadmissions@glasgow.ac.uk

Programme structure

Modes of delivery of the MSc in Computer Systems Engineering include lectures, seminars and tutorials and allow students the opportunity to take part in lab, project and teamwork.

Core courses

- Digital signal processing
- Either networked systems or computer communications
- Human-computer interaction
- Software and requirements engineering
- MSc project.

Optional courses typically include:

- Advanced operating systems
- Artificial intelligence
- Computer architecture
- Digital communications 4
- Human centred security
- Information retrieval
- Internet technology
- Microwave and millimetre wave circuit design
- Optical communications
- Real time embedded programming
- Safety critical systems.

Career prospects

Career opportunities include positions in software development, chip design, embedded system design, telecommunications, video systems, automation and control, aerospace, development of PC peripherals and FPGA programming, defence and services for the heavy industries, for example, generator and industrial motor control systems.

Why Glasgow

- With 95% overall student satisfaction in Electronics & Electrical Engineering and 97% in Computing Science (National Student Survey 2014), both schools continue to combine teaching excellence and a supportive learning environment.
- You will be taught jointly by the Schools of Engineering and Computing Science. You will benefit from their combined resources and expertise and from an industry-focused curriculum.

Electronics & Electrical Engineering

MSc: 12 months full-time

This Masters in Electronics & Electrical Engineering is designed for both new graduates and more established engineers. It covers a broad spectrum of specialist topics with immediate application to industrial problems, from electrical supply through systems control to high-speed electronics.

gla.ac/1GHw55Y
pgadmissions@glasgow.ac.uk

Programme structure

Modes of delivery of the MSc in Electronics & Electrical Engineering include lectures, seminars and tutorials and allow students the opportunity to take part in lab, project and teamwork.

You will undertake a project where you will apply your newly learned skills and show to future employers that you have been working on cutting-edge projects relevant to the industry.

Courses include (six normally chosen):

- Bioelectronics
- Computer communications
- Control
- Digital signal processing
- Electrical energy systems
- Energy conversion systems
- Micro- and nano-technology
- Microwave electronic and optoelectronic devices
- Microwave and millimetre wave circuit design
- Optical communications
- Power electronics and drives
- Real-time embedded programming
- VLSI design
- MSc project.

Career prospects

Career opportunities include chip design, embedded system design, telecommunications, video systems, automation and control, aerospace, software development, development of PC peripherals and FPGA programming, defence and services for the heavy industries, for example, electricity generation equipment and renewables plant.

Why Glasgow

- Electronics & Electrical Engineering at Glasgow is consistently ranked among the top 10 in the UK and top 5 in Scotland, recently achieving 1st in Scotland and 4th in the UK (Guardian University Guide 2015).
- With 95% overall student satisfaction in the National Student Survey 2014, Electronics & Electrical Engineering at the school combines teaching excellence and a supportive learning environment.

Electronics & Electrical Engineering & Management

MSc: 12 months full-time

The Masters in Electronics & Electrical Engineering & Management introduces you to contemporary business and management issues while increasing your depth of knowledge in your chosen specialty of electronics and electrical engineering.

gla.ac/1DXBQK4
pgadmissions@glasgow.ac.uk

Programme structure

There are two semesters of taught material and a summer session working on a project or dissertation. September-entry students start with management courses and January-entry students with engineering courses.

Semester 1

- Contemporary issues in human resource management
- Managing creativity and innovation
- Managing innovative change
- Marketing management
- Operations management
- Project management.

Semester 2

- Integrated systems design project.

Optional courses (a choice of two)

- Computer communications
- Electrical energy systems
- Micro- and nano-technology
- Microwave and millimetre wave circuit design
- Microwave electronic and optoelectronic devices
- Optical communications
- Real-time embedded programming.

Project or dissertation

You will undertake an individual project or dissertation work in the summer period (May – August). September-entry students have a choice of management dissertation topics in addition to electronics and electrical engineering projects, and January-entry students have a choice of electronics and electrical engineering projects.

Career prospects

Graduates of this programme have gone on to positions such as:

- Project Engineer at TOTAL
- Schedule Officer at OSCO SDN BHD
- Control and Automation Engineer at an oil and gas company.

Why Glasgow

- Electronics & Electrical Engineering & Management at Glasgow is consistently ranked among the top 10 in the UK and top 5 in Scotland, recently achieving 1st in Scotland and 4th in the UK (Guardian University Guide 2015).
- You will be taught jointly by staff from the School of Engineering and the Adam Smith Business School. You will benefit from their combined resources and expertise and from an industry-focused curriculum.

Mechanical Engineering

MSc: 12 months full-time; 24 months part-time

This Masters programme provides advanced experience of the central role that manufacture and design take in the integration of mechanical engineering.

gla.ac/1EyjRNH
pgadmissions@glasgow.ac.uk

Programme structure

Modes of delivery of the MSc in Mechanical Engineering include lectures, seminars and tutorials and allow students the opportunity to take part in lab, project and teamwork.

You will undertake a project where you will apply your newly learned skills and show to future employers that you have been working on cutting-edge projects relevant to the industry.

Core courses

- Advanced manufacture
- Integrated engineering design project.

Optional courses

- Advanced thermal engineering
- Control
- Desalination technology
- Dynamics
- Lasers
- Materials engineering
- Mechanics of solids and structures
- Vibration.

Career prospects

Career opportunities include positions in engineering design, materials and mechanics, dynamics, control, desalination technology and thermal science.

Graduates of this programme have gone on to positions such as:

- Technical Engineer at Bridon International Ltd
- Mechanical Engineer in a university
- Mechanical Engineer for Oil and Gas at AKER Solutions
- Project Engineer in state government.

Why Glasgow

- The school has been delivering engineering education and research for more than 150 years and is the oldest School of Engineering in the UK.
- Mechanical Engineering is a core engineering discipline that has a long history in the University of Glasgow, dating back to the 1760s and is associated with such famous people as James Watt.

Mechanical Engineering & Management

MSc: 12 months full-time

The Masters in Mechanical Engineering & Management offers you the opportunity to develop the knowledge and skills needed for modern engineering or technology management. The programme content includes design engineering and other mechanical engineering disciplines.

gla.ac/1Hdaa5d
pgadmissions@glasgow.ac.uk

Programme structure

There are two semesters of taught material and a summer session working on a project or dissertation for MSc students. September-entry students start with management courses and January-entry students with engineering courses.

Semester 1

- Contemporary issues in human resource management
- Managing creativity and innovation
- Managing innovative change
- Marketing management
- Operations management
- Project management.

Semester 2

- Integrated systems design project.

Optional courses

- Desalination technology
- Dynamics
- Materials engineering
- Vibration.

Project or dissertation

You will undertake an individual project or dissertation work in the summer period (May – August). September-entry students have a choice of management dissertation topics in addition to mechanical engineering projects, and January-entry students have a choice of mechanical engineering projects.

Career prospects

Career opportunities include positions in project management, engineering design, materials and mechanics, dynamics, control and desalination technology.

Graduates of this programme have gone on to positions such as:

- Technology Engineer at Procter & Gamble
- Quality Engineer at Worcester Bosch.

Why Glasgow

- The School of Engineering has been delivering engineering education and research for more than 150 years and is the oldest School of Engineering in the UK.
- You will be taught jointly by staff from the School of Engineering and the Adam Smith Business School. You will benefit from their combined resources and expertise and from an industry-focused curriculum.

Mechatronics

MSc: 12 months full-time

The Masters in Mechatronics is a fusion of mechanical, electrical, electronic and control engineering. Modern industry depends for its success in global markets on its ability to integrate these subjects into both the manufacturing process and innovative products and systems.

gla.ac/1Jc8ZVV
pgadmissions@glasgow.ac.uk

Programme structure

Modes of delivery of the MSc in Mechatronics include lectures, seminars and tutorials and allow students the opportunity to take part in lab, project and teamwork.

You will undertake a project where you will apply your newly learned skills and show to future employers that you have been working on cutting-edge projects relevant to the industry.

Core courses normally offered include:

- Data signal processing
- Integrated system design project.

Optional courses

- Advanced manufacture
- Auto vehicle guidance systems
- Computer communications
- Control
- Fault detection, isolation and reconfiguration
- Lasers
- Power electronics and drives
- Real-time embedded programming.
- Robotics 4.

Career prospects

Career opportunities include manufacturing production systems; system design and manufacture; product engineering and manufacture.

Graduates of this programme have gone on to positions such as:

- Senior Software Engineer at Wipro Technologies.

Why Glasgow

- Electronics & Electrical Engineering at Glasgow is consistently ranked among the top 10 in the UK and top 5 in Scotland, recently achieving 1st in Scotland and 4th in the UK (Guardian University Guide 2015).
- You will learn how to apply design synthesis and analysis techniques within a coherent range of subjects in mechatronic engineering.

Nanoscience & Nanotechnology

MSc: 12 months full-time



The Masters in Nanoscience & Nanotechnology teaches skills desired by modern industry for scientists and engineers doing research, development and production in nanoscience and nanofabrication. This multidisciplinary programme complements backgrounds in electronics, materials science or physics.

gla.ac/1cvMtdT
pgadmissions@glasgow.ac.uk

Programme structure

Modes of delivery of the MSc in Nanoscience & Nanotechnology include lectures, seminars and tutorials and allow students the opportunity to take part in lab, project and teamwork.

Core courses

- Electronic devices
- Introduction to research in nanoscience and nanotechnology
- Micro- and nano-technology
- Nanofabrication
- Research methods and techniques
- MSc project.

Optional courses

- Applied optics
- Cellular biophysics
- Microwave electronic and optoelectronic devices
- Microwave and mm wave circuit design
- Microscopy and optics
- Nano and atomic scale imaging
- Semiconductor physics.

Career prospects

Companies actively recruit from Glasgow and our research in nanosciences, nanofabrication, nanoelectronics, optoelectronics and nanotechnology means you will have access to industry networks.

Glasgow graduates in the subject area of nanoscience and nanotechnology are now working for companies including Intel, TSMC, IBM, ST Microelectronics, Freescale, Oxford Instruments Plasma Technology, ASM, and Applied Materials.

Why Glasgow

- The University of Glasgow is a recognised pioneer in many of the most exciting aspects of nanotechnology, with an international reputation in micro and nanofabrication for applications including nanoelectronics, optoelectronics and bioelectronics.
- You will have access to the James Watt Nanofabrication Centre (JWNC) cleanrooms and the Kelvin Nanocharacterisation Centre. The JWNC holds a number of world records in nanofabrication, including records for the performance of nanoscale electronic and optoelectronic devices.

Product Design Engineering

MSc: 12 months full-time

The Masters in Product Design Engineering, taught in collaboration with the School of Design at Glasgow School of Art, will develop your ability to design products with significant engineering content, addressing user needs and optimise solutions for specific markets.

gla.ac/1FdjmQX
c.whittet@gsa.ac.uk

Programme structure

You will attend lectures, seminars and tutorials and take part in lab, project, team and studio work, industrial visits, and workshops.

Core courses

- Advanced manufacture
- Core research skills for postgraduates
- Human factors
- Integrated engineering design
- Micro-electronics in consumer products
- Product design engineering introduction project
- MSc project.

Optional courses

- Instrumentation and data systems
- Software engineering
- The Glasgow School of Art elective (you will choose from a list of options).

Career prospects

Career opportunities include product research and development, system design, product manufacture and engineering design. The programme aims to provide opportunities to work on live projects with industry, which can lead to employment opportunities. Examples of companies that employ our Product Design Engineering graduates are Apple, DELL, Dyson, Jaguar Land Rover, TomTom and Smart.

Why Glasgow

- This exciting programme will enable you to benefit from the combined resources and complementary expertise of staff of two top-ranking Scottish institutions, the University of Glasgow and Glasgow School of Art (GSA).
- Studio-based, student-centered learning based around design project activities. Students have access to state-of-the-art product design engineering prototyping and manufacturing processes in the PDE workshops at GSA and the University of Glasgow.

Structural Engineering & Mechanics

MSc: 12 months full-time; 24 months part-time

The goal of structural engineering is to predict the performance of structures under extreme events: earthquakes, hurricanes, avalanches, fires and explosions. This programme provides you with a range of methods to analyse and design structures with quantifiable reliability over their design life.

gla.ac/1PidMtS
pgadmissions@glasgow.ac.uk

Programme structure

Modes of delivery of the MSc in Structural Engineering & Mechanics include lectures, seminars and tutorials and allow students the opportunity to take part in lab, project and teamwork.

Core courses

- Advanced structural analysis and dynamics
- Applied engineering mechanics
- Computational modelling of non-linear problems
- Fire resistance of structures
- Plastics analysis of frames and slabs
- Structural concrete
- Structural dynamics and earthquake engineering
- Structural engineering preliminary research project
- Thin-walled members and stability
- Structural engineering review project.

Career prospects

Graduates of this programme have gone on to positions such as:

- Graduate Structural Engineer at Wood Group PSN
- Research Fellow at Fraunhofer Institute High Speed Dynamics
- Graduate Structural Engineer at Design ID
- Structural Engineer at Fujian United Benefit Broad Sustainable Building Technology
- Structural Engineer-Subsea at a structural engineering company
- Real Estate Assistant at Icade
- Graduate Structural Engineer at P2ML
- Graduate Engineer at Technip
- Civil Engineering Technical Engineer at Hongrun Construction Corporation
- Subsea Project Engineer at Halliburton
- Bid and Building Engineer at Jingzhen Construction and Supervision Co
- Graduate Engineer at Reinertsen.

Why Glasgow

- You benefit from the combined resources and complementary expertise of the civil engineering staff of two top-ranking Russell Group universities, Universities of Glasgow and Edinburgh.
- The MSc Structural Engineering and Mechanics qualifies in the Further Learning category accredited by the Institution of Civil Engineers (ICE) and the Institution of Structural Engineers (IStructE).

Sustainable Energy

MSc: 12 months full-time

The Masters in Sustainable Energy is an interdisciplinary programme that will equip you for employment within the international energy sector. This programme addresses all the key aspects of sustainable energy, from the most advanced technologies through to ethical and economic considerations.

gla.ac/1F6ptMI
pgadmissions@glasgow.ac.uk

Programme structure

Modes of delivery of the MSc in Sustainable Energy include lectures, seminars and tutorials and allow students the opportunity to take part in lab, project and teamwork.

Core courses

- Energy and environment
- Energy conversion systems
- Energy from waste
- Integrated system design project
- Renewable energy
- MSc project.

Optional courses

- Electrical energy systems
- Environmental biotechnology
- Environmental ethics and behavioural change
- Impacts of climate change
- Introduction to wind engineering
- Nuclear power reactors
- Power electronics
- Project planning, appraisal and implementation
- Theory and principles of sustainability.

Career prospects

The degree will develop future leaders and decision makers in the growing international energy business. Graduates may expect to forge careers in established energy generation and transmission companies (e.g. in the UK, National Grid, Scottish and Southern Energy, etc.), energy consultancy businesses, traditional oil, gas and construction companies who are moving rapidly into renewables, or new companies in the wind, marine, solar or biomass sectors. Scotland, in particular, has seen great expansion in sustainable energy businesses in the last decade, with some of the best worldwide potential for wind, wave and tidal generation.

Graduates of this programme have gone on to positions such as:

- Research Assistant at a university
- Geothermal Energy Engineer at Town Rock Energy
- Hydropower Engineer at Renewables First
- Research Analyst at Cognolink
- Research and Development Consultant.

Why Glasgow

- You will learn a range of technical knowledge in the science and engineering of energy production and use, with emphases towards chemical, electrical and mechanical engineering, dependent on your preference and past experience.

'I chose to study at the University of Glasgow because of the distinguished college, broad-reaching curriculum and cutting-edge facilities, all of which make this programme ideally suited to my academic ambitions. Glasgow is renowned for its culture, style and the friendliness of its people. Glasgow offers a blend of internationally-acclaimed museums and galleries, stunning architecture and vibrant nightlife.'

Muhammad Bilal, Pakistan
Electronics & Electrical Engineering & Management (MSc) student

GEOGRAPHICAL & EARTH SCIENCES

The School of Geographical & Earth Sciences brings together internationally leading research in physical and human geography, geology and geomatics.

- We take an integrated approach to the study of geography and Earth science at Glasgow, bringing together internationally leading expertise in physical and human geography, Earth science and geomatics.

- There are many fieldwork opportunities, ranging from short day excursions close to Glasgow to longer residential fieldtrips, which could take you overseas.

- We host many guest speakers and there are informal opportunities to meet people from industry at open events. Projects may be carried out in conjunction with industry.

- Our school houses a wide range of analytical equipment in support of research and teaching, including equipment for chemical, isotopic and molecular analysis, imaging, sample preparation, and geomatics.

- Human geography funding may be available through the Economic & Social Research Council's Scottish Doctoral Training Centre Human Geography pathway. Many Earth science research projects offer Natural Environment Research Council research student funding. See www.glasgow.ac.uk/colleges/scienceengineering/graduateschool/scholarships

Postgraduate research programme

Our school offers a diverse and exciting range of PhD projects each year.

Research interests

- Earth systems research:** our interdisciplinary research focuses on developing an integrated understanding of the evolution of the Earth's surface and near-surface environments. Most research is built around the following themes: Earth-life processes; surface processes; shallow crustal processes; extra-terrestrial and mantle processes; Earth observation and technology.

- Human geography research:** we research the workings of power in its myriad forms and the different places through which it flows. We engage with differing critical theories of feminism, postcolonialism, posthumanism, poststructuralism, political economy and historiography. Research is broadly organised into the following themes: knowing, creativity and experiment; subaltern globalisations; exploring vital geographies; and stressed environments and communities.

Find potential supervisors

You are welcome to contact individual staff members to discuss a potential research topic before applying:

Visit: www.glasgow.ac.uk/ges/staff
Tel: +44 (0)141 330 8285
Email: deborah.dixon@glasgow.ac.uk

Entry requirements

For entry requirements and how to apply, see page 25.

Scholarships and fees

For scholarships and fees, see pages 26 – 27.

Geography at Glasgow offers you high-quality education in a school that is ranked 26th in the world (QS World rankings 2015).

Geoinformation Technology & Cartography

MSc: 12 months full-time;
24 – 48 months part-time
PgDip: 9 months full-time;
21 – 44 months part-time
PgCert: 3.5 months full-time;
9 – 32 months part-time

This Masters in Geoinformation Technology & Cartography focuses on understanding and managing the locational data required to use Geographic Information Systems (GIS) together with visualisation and map production in a GIS environment.

www.gla.ac.uk/1L1rmMg
ges-enquiries@glasgow.ac.uk

Programme structure

Modes of delivery of the MSc in Geoinformation Technology & Cartography include lectures, seminars and tutorials and allow students the opportunity to take part in labs, fieldwork, projects and teamwork and attend a GIS conference in the UK.

Core courses

- Applied cartography
- Applied GIS (including GISRUK conference)
- Cartographic design and production
- Fundamentals of geomatics
- Geospatial data infrastructure and LIS
- GIS
- Internet and mobile GIS
- Principles of land surveying
- Remote sensing
- Research and professional issues
- Topographic mapping.

Optional courses

- Advanced editing in GIS
- Application development in GIS
- Geospatial data modelling
- Photogrammetry
- Terrain modelling
- Use and user issues in cartography and GIS.

Career prospects

Graduates of this programme have gone on to positions such as:

- GIS Cartographer, Arcus Renewable Energy Consulting
- GIS Operator, Scottish Water
- GIS Analyst, Forth GIS
- GIS Cartographer, L&M Surveys
- Cartographer, HarperCollins Cartographic
- GIS Analyst, Arcus
- Estates Technical Surveyor, North Ayrshire Council.

Why Glasgow

- The MSc in Geoinformation Technology & Cartography is the only programme in the UK that focuses on cartography. The programme has been running since 1963 and celebrated its 50th birthday in 2013.
- The MSc Geoinformation Technology and Cartography, if fully completed with the award of an MSc, is accredited by the Royal Institution of Chartered Surveyors (RICS).

Geomatics & Management

MSc: 12 months full-time

The Masters in Geomatics & Management is aimed at graduates in geomatics (surveying and mapping). It will enhance your career progression in the field of geomatics, and provide you with the necessary skill set to succeed in managerial positions. The combination of geomatics with management offered by this programme has been strongly endorsed by industry.

www.gla.ac.uk/1L1rmMg
ges-enquiries@glasgow.ac.uk

Programme structure

You will attend taught courses and undertake a summer research project, aimed at practical application and enhancing your ability to do independent work and present results in the most appropriate form.

Core courses

- Financial information management
- Methods of management enquiry
- Management decision making
- Managing innovative change
- People in organisations
- Research and professional issues in geomatics
- Topics in geomatics.

Optional courses (five chosen)

- Applied cartography
- Applied GIS (including GISRUK conference)
- Applied hydro survey
- Applied survey (including field course)
- Directed studies in geomatics
- Engineering survey
- Geodesy and GNSS
- Geospatial data infrastructure and LIS
- Hydrographic survey
- Internet and mobile GIS
- Remote sensing.

Career prospects

Graduates of this programme have gone on to positions such as:

- Assistant Surveyor General, Dept of Surveys, Ministry of Lands and Housing, Malawi
- Regional Surveyor General, Dept of Surveys, Ministry of Lands and Housing, Malawi
- Surveyor, Rudan Engineering Ltd, Ghana
- Surveyor, KACST, Saudi Arabia
- Surveyor, Environmental Sciences Group Pelorus Surveys
- Senior Surveyor, North Ayrshire Council
- Surveyor, Line Surveys Transmission Consultancy.

Why Glasgow

- MSc Geomatics & Management, if fully completed with the award of an MSc, is accredited by the Royal Institution of Chartered Surveyors (RICS).
- You will be jointly taught by staff from the School of Geographical & Earth Sciences and the Adam Smith Business School and will benefit from their resources and expertise and from an industry-focused curriculum informed by experts in the field.

Geospatial & Mapping Sciences

MSc: 12 months full-time;
24 – 48 months part-time
PgDip: 9 months full-time;
21 – 44 months part-time
PgCert: 3.5 months full-time;
9 – 32 months part-time

This Masters in Geospatial & Mapping Sciences focuses on understanding the theory and practice of geospatial data collection, land and hydrographic surveying, data and information quality, applications of survey information, and research and development in the field of geomatics.

www.gla.ac.uk/1AVVWB5
ges-enquiries@glasgow.ac.uk

Programme structure

Modes of delivery of the MSc in Geospatial & Mapping Sciences include lectures, seminars and tutorials and allow students the opportunity to take part in labs, fieldwork, projects and teamwork.

Core courses

- Applied survey (including field course)
- Engineering survey
- Fundamentals of geomatics
- Geodesy and GNSS
- GIS
- Hydrographic survey
- Principles and practice of land surveying
- Research and professional issues
- Topographic mapping.

Optional courses (one chosen)

- Applied hydro survey
- Geospatial data infrastructure & LIS.

Career prospects

Graduates of this programme have gone on to positions such as:

- Offshore Surveyor at NCS Survey
- Hydrographic Surveyor at Subsea 7
- Offshore Surveyor at Subsea 7
- Analyst at Morgan Stanley
- Surveyor at iSurvey Offshore Ltd
- Research Scientist Associate at a university
- Fellow at European Organisation for Nuclear Research
- Offshore Surveyor at Marine Offshore Designer
- Assistant Land Surveyor at UTEC Star Net
- Hydrographic Surveyor at Harkand Andrews Survey
- Offshore Surveyor at Fugro
- Offshore Hydrographic Surveyor at UTEC
- Graduate Supervisor at AECOM
- GIS Technician at Farazamin Company, Tehran
- Graduate Surveyor at Met Geo Environmental Ltd.

Why Glasgow

- The MSc Geospatial & Mapping Sciences, if fully completed with the award of an MSc, is accredited by the Royal Institution of Chartered Surveyors (RICS) and the Chartered Institution of Civil Engineering Surveyors (ICES).

Human Geography: Spaces, Politics & Ecologies

MRes: 12 months full-time;
24 months part-time

This Masters in Human Geography: Spaces, Politics & Ecologies considers how geography has been used to actively engage with the world beyond the academy, focusing on social justice and social change, environment and development, and cultural and historical geographies.

gla.ac/1ECPwYe
ges-enquiries@glasgow.ac.uk

Programme structure

Modes of delivery of the MRes in Human Geography: Spaces, Politics & Ecologies include lectures, seminars and tutorials and allow students the opportunity to take part in workshops, projects and teamwork.

Core courses

- Conceptualising Human Geography 1: spaces, politics, ecologies
- Conceptualising Human Geography 2: geographical engagements
- Researching Human Geographies: design, methods, ethics.

You will also take two courses in qualitative and quantitative methods in the social sciences, and undertake an independent piece of research on a topic chosen by you.

Career prospects

Career opportunities include positions in non-governmental organisations (eg Oxfam, Barnardos, SEPA, Scottish Natural Heritage), teaching, and PhD study.

Why Glasgow

- The school's Human Geography Research Group has strong working collaborations with the Glasgow Centre for International Development, the Glasgow Refugee, Asylum & Migration Network (GRAMNET), Glasgow Life/Museums, NVA and the Royal Society.
- If you are considering pursuing doctoral research in human geography and the social sciences or seeking to develop a career in research in the public, private or voluntary sector, this programme is designed for you.

'I would say the MSc gave me much needed direction and career focus. I found the large amount of continual assessment to suit my way of working. Another positive aspect of the course is the ICES and RICS accreditation. It was not until I entered the workplace I realised just how desirable it is to be a chartered surveyor and having already completed the theoretical aspect of becoming chartered, it is just a case of demonstrating my practical ability over the coming years.'

Andy, United Kingdom
Geospatial & Mapping Sciences (MSc) student

MATHEMATICS & STATISTICS

Study in our school, and you will join a community of academic experts across a wide range of pure and applied mathematics and statistics.

• With 51 full-time academic staff and 70 postgraduate students, the School of Mathematics & Statistics is one of the largest in the UK.

• There is a lively seminar programme with members of the school involved in networks including the North British Functional Analysis Seminar, the North British Differential Equations Seminar and the London Mathematical Society Network on Classical and Quantum Integrability.

• We welcome guest speakers from around the world and we hold regular conferences and workshops.

• There are regular postgraduate seminars where you can develop your presentational skills.

• Our school's collaborations with partners such as the Scottish Environmental Protection Agency (SEPA) have led to research secondments for postgraduate students. Other international travel opportunities have enabled students to work with high-profile scientific groups such as the Commonwealth Scientific Industrial Research Organisation in Australia.

Postgraduate research programme

We offer PhD or MSc programmes in Statistics or Pure or Applied Mathematics.

Research interests

• **Applied mathematics:** Fluid dynamics and magnetohydrodynamics; integrable systems and mathematical physics; mathematical biology; solid mechanics.

• **Pure mathematics:** Algebra; analysis; geometry and topology.

• **Statistics:** Biostatistics and statistical genetics; environmental statistics; statistical methodology; statistical modelling; scholarship of learning and teaching in statistics.

Find potential supervisors

You are welcome to contact individual staff members to discuss a potential research topic before applying:

Visit: www.glasgow.ac.uk/mathematicsstatistics/staff
Tel: +44 (0)141 330 4872
Email: maths-stats-pgadmin@glasgow.ac.uk

Entry requirements

For entry requirements and how to apply, see page 25.

Scholarships and fees

For scholarships and fees, see pages 26 – 27.

'There are plenty of opportunities here for really interesting, exciting projects, which combine methodology and application in a very supportive and enjoyable environment.'

Professor Adrian Bowman, Head of School, has a long-standing interest in spatiotemporal data.

Advanced Statistics

MRes: 12 months full-time

This Masters in Advanced Statistics will provide you with knowledge and experience of the principles, theory and practical skills of statistics.

gla.ac/1DDFB4c
pgadmissions@glasgow.ac.uk

Programme structure

Modes of delivery of the Masters across the Statistics programmes include lectures, laboratory classes, seminars and tutorials and allow students the opportunity to take part in lab, project and teamwork.

Courses include (12 chosen)

- Advanced Bayesian methods
- Advanced data analysis
- Bayesian statistics
- Biostatistics
- Computational inference
- Data analysis
- Data management and analytics using SAS
- Design of experiments
- Environmental statistics
- Flexible regression
- Financial statistics
- Functional data analysis
- Generalised linear models
- Introduction to R programming
- Linear mixed models
- Machine learning
- Multivariate methods
- Principles of probability and statistics
- Professional skills
- Spatial statistics
- Statistical genetics
- Stochastic processes
- Time series
- Statistics project and dissertation.

Summer (May – August) Statistics project and dissertation (60) – assessed by a dissertation.

Career prospects

Our graduates have an excellent track record of gaining employment in many sectors including medical research, the pharmaceutical industry, finance and government statistical services, while others have continued to a PhD.

Why Glasgow

- The school is ranked 4th in Scotland (Complete University Guide 2015).
- The Statistics Group at Glasgow is a large group, internationally renowned for its research excellence.

Biostatistics

MSc: 12 months full-time

This Masters in Biostatistics will provide you with knowledge and experience of the principles, theory and practical skills of statistics; previous study of statistics is not required.

gla.ac/1JcbAIJ
pgadmissions@glasgow.ac.uk

Programme structure

Modes of delivery of the Masters across the Statistics programmes include lectures, laboratory classes, seminars and tutorials and allow students the opportunity to take part in lab, project and teamwork.

Core courses (compulsory)

- Bayesian statistics
- Biostatistics
- Generalised linear models
- Introduction to R programming
- Probability 1
- Regression models
- Statistical inference 1
- Statistics project and dissertation.

Optional courses (five chosen, but at least one course must be from Group 1)

Group 1

- Data analysis
- Professional skills.

Group 2

- Data management and analytics using SAS
- Design of experiments
- Functional data analysis
- Spatial statistics
- Statistical genetics
- Time series.

Any student who, in the course of study for his or her first degree, has already completed the equivalent of the Probability and/or Statistical inference courses can substitute these courses by any other optional course (including optional courses offered as part of the MRes in Advanced Statistics). The choice of substituting courses is subject to approval by the Programme Director.

Summer (May – August) Statistics project and dissertation (60) – applying statistical methods and modelling to data collected from research in a biomedical discipline, assessed by a dissertation.

Career prospects

Our graduates have an excellent track record of gaining employment in many sectors, including medical research, the pharmaceutical industry, finance and government statistical services, while others have continued to a PhD.

Why Glasgow

- The Statistics Group at Glasgow is a large group, internationally renowned for its research excellence.
- Our Statistics MSc programmes benefit from close links lecturers have with industry and non-governmental organisations such as the NHS and SEPA.

Environmental Statistics

MSc: 12 months full-time

This Masters in Environmental Statistics will provide you with knowledge and experience of the principles, theory and practical skills of statistics; previous study of statistics is not required.

gla.ac/1Fdlm2t
pgadmissions@glasgow.ac.uk

Programme structure

Modes of delivery of the Masters across the Statistics programmes include lectures, laboratory classes, seminars and tutorials and allow students the opportunity to take part in lab, project and teamwork.

Core courses (compulsory)

- Bayesian statistics
- Data analysis
- Environmental statistics
- Generalised linear models
- Introduction to R programming
- Principles of GIS (10)
- Probability 1
- Regression models
- Spatial statistics
- Statistical inference 1
- Time series
- Topographic mapping and landscape monitoring
- Statistics project and dissertation.

Any student who, in the course of study for his or her first degree, has already completed the equivalent of the Probability and/or Statistical inference courses can substitute these courses by any other optional course (including optional courses offered as part of the MRes in Advanced Statistics). The choice of substituting course is subject to approval by the Programme Director.

Summer (May – August) Statistics project and dissertation (60) – applying statistical methods and modelling to data collected from research in environmental science, assessed by a dissertation.

Career prospects

Our graduates have an excellent track record of gaining employment in many sectors, including medical research, the pharmaceutical industry, finance and government statistical services, while others have continued to a PhD.

Graduates of this programme have gone on to positions such as:

- Research Officer Medical Statistics at Kenya Medical Research Institute (KEMRI) Wellcome Trust.

Why Glasgow

- The Statistics Group at Glasgow is a large group, internationally renowned for its research excellence.
- Our Statistics MSc programmes benefit from close links lecturers have with industry, and non-governmental organisations such as the NHS and SEPA.

Mathematics/ Applied Mathematics

MSc: 12 months full-time; 24 months part-time

Mathematics is highly developed yet continually growing, providing new insights and applications. It is the medium for expressing knowledge about many physical phenomena and is concerned with patterns, systems, and structures.

gla.ac/1FdlyP3
pgadmissions@glasgow.ac.uk

Programme structure

You will take a mixture of Level-4 Honours courses, Level-M courses and courses delivered by the Scottish Mathematical Sciences Training Centre (SMSTC).

Level-H courses (10 or 20 credits)

- Algebraic & geometric topology
- Continuum mechanics and elasticity
- Differential geometry
- Fluid mechanics
- Functional analysis
- Further complex analysis
- Galois theory
- Mathematical biology
- Mathematical physics
- Numerical methods
- Number theory
- Partial differential equations
- Topics in algebra.

Level-M courses (20 credits)

- Advanced algebraic and geometric topology
- Advanced differential geometry and topology
- Advanced functional analysis
- Advanced methods in differential equations
- Advanced numerical methods
- Biological and physiological fluid mechanics
- Commutative algebra & algebraic geometry
- Elasticity
- Fourier analysis
- Further topics in group theory
- Lie groups, lie algebras and their representations
- Magnetohydrodynamics
- Operator algebras
- Solitons
- Special relativity and classical field theory.

SMSTC courses (20 credits)

- Algebra 1
- Algebra 2
- Applied analysis and PDEs 1
- Applied analysis and PDEs 2
- Applied mathematical methods 1
- Applied mathematical methods 2
- Geometry and topology 1
- Geometry and topology 2
- Mathematical modelling 1
- Mathematical modelling 2
- Pure analysis 1
- Pure analysis 2.

Career prospects

Career opportunities are diverse and include academia, teaching, industry and finance.

Why Glasgow

- The school has a strong international reputation in pure and applied mathematics research.

Statistics

MSc: 12 months full-time

This Masters in Statistics will provide you with knowledge and experience of the principles, theory and practical skills of statistics.

gla.ac/1Qlxv37
pgadmissions@glasgow.ac.uk

Programme structure

Modes of delivery of the Masters across the Statistics programmes include lectures, laboratory classes, seminars and tutorials and allow students the opportunity to take part in lab, project and teamwork.

Core courses (compulsory)

- Bayesian statistics
- Generalised linear models
- Introduction to R programming
- Probability 1
- Regression models
- Statistical inference 1
- Statistics project and dissertation.

Optional courses (six chosen, but at least one course must be from Group 1)

Group 1

- Data analysis
- Professional skills.

Group 2

- Biostatistics
- Computational inference
- Data management and analytics using SAS
- Design of experiments
- Environmental statistics
- Financial statistics
- Functional data analysis
- Machine learning
- Multivariate methods
- Spatial statistics
- Statistical genetics
- Stochastic processes
- Time series.

Any student who, in the course of study for his or her first degree, has already completed the equivalent of the Probability and/or Statistical inference courses can substitute these courses by any other optional course (including optional courses offered as part of the MRes in Advanced Statistics). The choice of substituting courses is subject to approval by the Programme Director.

Summer (May – August) Statistics project and dissertation (60) – assessed by a dissertation.

Career prospects

Our graduates have an excellent track record of gaining employment in many sectors including finance, medical research, the pharmaceutical industry and government statistical services, while others have continued to a PhD.

Why Glasgow

- Our expertise spans topics including biostatistics and statistical genetics; environmental statistics; statistical methodology; statistical modelling and the scholarship of learning and teaching in statistics.

PHYSICS & ASTRONOMY

Our school is a vibrant centre of research in a wide range of fields. The strong links we hold with other institutions contribute to an excellent research environment.

- Our school has 46 academics, more than 25 research fellows, around 60 research associates and 100 postgraduate students.
- We host regular research colloquia throughout the year, attracting both UK and international speakers.
- Our extensive materials characterisation facilities include atomic force microscopes, surface characterisation and measurement, and the recently installed magTEM microscope. We also have a clean room, probe stations and wire-bonders.
- Our state-of-the-art computing facilities are used for modelling, data analysis and simulation of a wide range of physics problems.
- There are a number of PhD scholarship opportunities from the UK Research Councils, the China Scholarships Council and other international schemes.
- We are a member of the Scottish Universities Physics Alliance (SUPA), a research alliance between eight Scottish universities, which may offer additional prize studentships. SUPA aims to place Scotland at the forefront of research in physics.

Postgraduate research programme

Our research groups work in a diverse range of areas in physics and are in active collaboration with physics departments throughout Scotland through SUPA, as well as with universities and research institutes and facilities all over the world.

Research interests

- Astronomy and astrophysics
- Gravitational research
- Imaging concepts
- Materials and condensed matter physics
- Nuclear physics
- Optics
- Particle physics experiment
- Particle physics theory
- Quantum theory.

Students participate in the SUPA graduate school (www.supa.ac.uk), which provides more than 60 postgraduate-level courses across all the SUPA themes as well as courses covering generic research skills.

Find potential supervisors

You are welcome to contact individual staff members to discuss a potential research topic before applying:

Visit: www.glasgow.ac.uk/physics/staff
Tel: +44 (0)141 330 4702
Email: phas-pgradmissions@glasgow.ac.uk

Entry requirements

For entry requirements and how to apply, see page 25.

Scholarships and fees

For scholarships and fees, see pages 26 – 27.

Our Institute for Gravitational Research is combining world-leading experimental research and astrophysical data analysis to search for gravitational waves.

Astrophysics

MSc: 12 months full-time

The Masters in Astrophysics gives you an understanding of the principles and methods of modern astrophysics at a level appropriate for a professional physicist.

www.gla.ac/1cRSUJ3
physics-pgtadmissions@glasgow.ac.uk

Programme structure

Modes of delivery of the MSc in Astrophysics include lectures, seminars and tutorials and allow students the opportunity to take part in lab, project and teamwork.

Core courses include:

- Advanced data analysis
- General relativity and gravitation (alternate years, starting 2016 – 17)
- Plasma theory and diagnostics (alternate years, starting 2015 –16)
- Pulsars and supernovae (alternate years, starting 2016 – 17)
- Research skills
- Statistical astronomy (alternate years, starting 2015 – 16)
- Extended project.

Optional courses include:

- Advanced electromagnetic theory
- Applied optics
- Circumstellar matter (alternate years, starting 2015 – 16)
- Cosmology (alternate years, starting 2016 – 17)
- Dynamics, electrodynamics and relativity
- Exploring planetary systems (alternate years, starting 2016 – 17)
- Galaxies (alternate years, starting 2015 – 16)
- Gravitational wave detection
- Instruments for optical and radio astronomy (alternate years, starting 2016 – 17)
- Statistical mechanics
- Stellar astrophysics (alternate years, starting 2015 – 16).

Career prospects

Career opportunities include academic research, based in universities, research institutes, observatories and laboratory facilities and industrial research in a wide range of fields including energy and the environmental sector, IT and semiconductors, optics and lasers, materials science, telecommunications, engineering; banking and commerce; higher education.

Why Glasgow

- The school has a major role in the award winning NASA RHESSI X-ray mission studying solar flares and in several other forthcoming international space missions such as ESA's Solar Orbiter.
- The school plays a world-leading role in the design and operation of the worldwide network of laser interferometers leading the search for gravitational waves.

Physics: Advanced Materials

MSc: 12 months full-time

The Masters in Physics: Advanced Materials provides an understanding of the principles and methods of modern physics, with particular emphasis on their application to global interdisciplinary challenges in the area of advanced materials and at a level appropriate for a professional physicist.

www.gla.ac/1PG5xTj
physics-pgtadmissions@glasgow.ac.uk

Programme structure

Modes of delivery of the MSc in Physics: Advanced Materials include lectures, seminars and tutorials and allow students the opportunity to take part in lab, project and teamwork.

The programme draws upon a wide range of advanced Masters-level courses. You will have the flexibility to tailor your choice of optional lecture courses and project work to a wide variety of specific research topics and their applications in the area of advanced materials.

Core courses include:

- Advanced data analysis
- Nano and atomic scale imaging
- Research skills
- Solid state physics
- Extended project.

Optional courses include:

- Detection and analysis of ionising radiation
- Detectors and imaging
- Environmental radioactivity
- Nuclear power reactors
- Semiconductor physics
- Statistical mechanics.

Career prospects

Career opportunities include academic research, based in universities, research institutes, observatories and laboratory facilities; industrial research in a wide range of fields including energy and the environmental sector, IT and semiconductors, optics and lasers, materials science, telecommunications engineering, banking and commerce, and higher education.

Why Glasgow

- The school hosts the Kelvin Nanocharacterisation Centre, which houses state-of-the-art instrumentation for studying materials at the nanoscale or below.
- With 93% overall student satisfaction in the National Student Survey 2014, the school combines both teaching excellence and a supportive learning environment.

Physics: Energy & the Environment

MSc: 12 months full-time

The Masters in Physics: Energy & the Environment provides an understanding of the principles and methods of modern physics, with emphasis on their application to global challenges in sustainable energy, climate change and the environment, and at a level appropriate for a professional physicist.

www.gla.ac/1QIxV9S
physics-pgtadmissions@glasgow.ac.uk

Programme structure

Modes of delivery of the MSc Physics: Energy & the Environment include lectures, seminars and tutorials and allow students the opportunity to take part in lab, project and teamwork.

The programme draws upon a wide range of advanced Masters-level courses. You will have the flexibility to tailor your choice of optional lecture courses and project work to a wide variety of specific research topics and their applications in the areas of energy and the environment.

Core courses include:

- Advanced data analysis
- Energy and environment
- Nuclear power reactors
- Research skills
- Extended project.

Optional courses include:

- Advanced electromagnetic theory
- Detection and analysis of ionising radiation
- Detectors and imaging
- Environmental radioactivity
- Plasma theory and diagnostics (alternate years, starting 2015 – 16)
- Statistical mechanics.

Career prospects

Career opportunities include academic research, based in universities, research institutes, observatories and laboratory facilities; industrial research in a wide range of fields including energy and the environmental sector, IT and semiconductors, optics and lasers, materials science, telecommunications engineering, banking and commerce, and higher education.

Why Glasgow

- The school is ranked 2nd in Scotland (Complete University Guide 2016).
- The school plays a leading role in the exploitation of data from the Large Hadron Collider, the world's largest particle accelerator at CERN.

Physics: Global Security

MSc: 12 months full-time

The Masters in Physics: Global Security provides an understanding of the principles and methods of modern physics, with particular emphasis on their application to interdisciplinary challenges in the area of global security, and at a level appropriate for a professional physicist.

gla.ac/1cRT0Pe
physics-pgtadmissions@glasgow.ac.uk

Programme structure

Modes of delivery of the MSc Physics: Global Security include lectures, seminars and tutorials and allow students the opportunity to take part in lab, project and teamwork.

The programme draws upon a wide range of advanced Masters-level courses. You will have the flexibility to tailor your choice of optional lecture courses and project work to a wide variety of specific research topics and their applications in the area of global security.

Core courses include:

- Advanced data analysis
- Detection and analysis of ionising radiation
- Research skills
- Extended project.

Optional courses include:

- Advanced electromagnetic theory
- Applied optics
- Detectors and imaging
- Environmental radioactivity
- Nuclear power reactors
- Quantum information
- Statistical mechanics.

Career prospects

Career opportunities include academic research, based in universities, research institutes, observatories and laboratory facilities; industrial research in a wide range of fields including energy and the environmental sector, IT and semiconductors, optics and lasers, materials science, telecommunications engineering, banking and commerce, and higher education.

Why Glasgow

- The school is ranked 2nd in Scotland (Complete University Guide 2016).
- The school plays a leading role in the exploitation of data from the Large Hadron Collider, the world's largest particle accelerator at CERN.

Physics: Life Sciences

MSc: 12 months full-time

The Masters in Physics: Life Sciences provides an understanding of the principles and methods of modern physics, with particular emphasis on their application to global interdisciplinary challenges in the area of life sciences, and at a level appropriate for a professional physicist.

gla.ac/1zYT9G
physics-pgtadmissions@glasgow.ac.uk

Programme structure

Modes of delivery of the MSc Physics: Life Sciences include lectures, seminars and tutorials and allow students the opportunity to take part in lab, project and teamwork.

The programme draws upon a wide range of advanced Masters-level courses. You will have the flexibility to tailor your choice of optional lecture courses and project work to a wide variety of specific research topics and their applications in the area of life sciences.

Core courses include:

- Advanced data analysis
- Detection and analysis of ionising radiation
- Medical imaging
- Research skills
- Extended project.

Optional courses include:

- Advanced electromagnetic theory
- Applied optics
- Detectors and imaging
- Environmental radioactivity
- Nuclear power reactors
- Statistical mechanics.

Career prospects

Career opportunities include academic research, based in universities, research institutes, observatories and laboratory facilities; industrial research in a wide range of fields including energy and the environmental sector, IT and semiconductors, optics and lasers, materials science, telecommunications engineering, banking and commerce, and higher education.

Why Glasgow

- The school is ranked 2nd in Scotland (Complete University Guide 2016).
- The school hosts the Kelvin Nanocharacterisation Centre, which houses state-of-the-art instrumentation for studying materials at the nanoscale or below.

Physics: Nuclear Technology

MSc: 12 months full-time

The Masters in Physics: Nuclear Technology provides an understanding of the application of nuclear processes and technology to energy generation, medical physics and environmental monitoring, and at a level appropriate for a professional physicist.

gla.ac/1FjNXoI
physics-pgtadmissions@glasgow.ac.uk

Programme structure

Modes of delivery of the MSc Physics: Nuclear Technology include lectures, seminars and tutorials and allow students the opportunity to take part in lab, project and teamwork.

Core courses include:

- Advanced data analysis
- Detection and analysis of ionising radiation
- Environmental radioactivity
- Imaging and detectors
- Nuclear power reactors
- Research skills
- Extended project.

Optional courses include:

- Advanced electromagnetic theory
- Advanced nuclear physics
- Computational physics laboratory
- Dynamics, electrodynamics and relativity
- Energy and environment
- Medical imaging
- Nuclear and particle physics
- Numerical methods
- Plasma theory and diagnostics (alternate years starting 2015 – 16)
- Relativistic quantum fields
- Statistical mechanics.

Career prospects

Career opportunities include academic research, based in universities, research institutes, observatories and laboratory facilities; industrial research in a wide range of fields including energy and the environmental sector, IT and semiconductors, optics and lasers, materials science, telecommunications engineering, banking and commerce, and higher education.

Why Glasgow

- The school is ranked 2nd in Scotland (Complete University Guide 2016).
- You will gain theoretical, experimental and computational skills necessary to analyse and solve advanced physics problems relevant to the theme of Nuclear Technology, providing an excellent foundation for a career of scientific leadership.

Sensor & Imaging Systems

MSc: 12 months full-time



This Masters in Sensor & Imaging Systems (SIS) focuses on the technologies and techniques that underpin a vast range of societal, research and industrial needs. It is awarded jointly by the Universities of Glasgow and Edinburgh.

gla.ac/1L1swYq
andy.harvey@glasgow.ac.uk
sian.williams@censis.org.uk

Programme structure

Programme timetable

- Semester 1: University of Glasgow
- Semester 2: University of Edinburgh
- Semester 3: MSc project, including the possibility of an industry placement.

Core courses

- Circuits and systems
- Detection and analysis of ionising radiation
- Fundamentals of sensing and imaging
- Imaging and detectors
- Technology and innovation management
- Research project preparation.

Optional courses

- Biomedical imaging techniques
- Biophysical chemistry
- Biosensors and instrumentation
- Chemical biology
- Digital signal processing
- Electronic product design and manufacture
- Electronic system design
- Entrepreneurship
- Lab-on-chip technologies
- Lasers and electro-optic systems
- Microelectronics in consumer products
- Microfabrication techniques
- Nanofabrication
- Physical techniques in action
- Waves and diffraction.

Career prospects

Sensor systems are spearheading the next wave of connectivity and intelligence for internet connected devices, underpinning all of the new 'smart markets', such as grid, cities, transport and mobility, digital, healthcare and big data.

You will graduate with domain-appropriate skills suitable for a range of careers in areas including renewable energy, subsea and marine technologies, defence, automotive engineering, intelligent transport, healthcare, aerospace, manufacturing and process control, consumer electronics, and environmental monitoring.

Why Glasgow

- This is a jointly taught and awarded degree from the Universities of Glasgow and Edinburgh, developed in conjunction with CENSIS.
- CENSIS is a centre of excellence for SIS technologies and CENSIS enables industry innovators and university researchers to collaborate at the forefront of market-focused SIS innovation, developing products and services for global markets.

Theoretical Physics

MSc: 12 months full-time

The Masters in Theoretical Physics provides an understanding of the principles and methods of modern physics, with particular emphasis on the theoretical aspects of the subject, and at a level appropriate for a professional physicist.

gla.ac/1e0lib1
physics-pgtadmissions@glasgow.ac.uk

Programme structure

Modes of delivery of the MSc in Theoretical Physics include lectures, seminars and tutorials and allow students the opportunity to take part in lab, project and teamwork.

The programme draws upon a wide range of advanced Masters-level courses. You will have the flexibility to tailor your choice of optional lecture courses and project work to a wide variety of specific research topics and their applications in the area of theoretical physics.

Core courses include:

- Advanced data analysis
- Quantum information
- Quantum theory
- Research skills
- Extended project.

Optional courses include:

- Advanced electromagnetic theory
- Advanced mathematical methods
- Applied optics
- Dynamics, electrodynamics and relativity
- General relativity and gravitation (alternate years, offered 2016 – 17)
- Plasma theory and diagnostics (alternate years, offered 2015 – 16)
- Relativistic quantum fields
- Statistical mechanics.

Career prospects

Career opportunities include academic research, based in universities, research institutes, observatories and laboratory facilities; industrial research in a wide range of fields including energy and the environmental sector, IT and semiconductors, optics and lasers, materials science, telecommunications engineering, banking and commerce, and higher education.

Why Glasgow

- The School of Physics & Astronomy is ranked 2nd in Scotland (Complete University Guide 2016).
- The school plays a leading role in the exploitation of data from the Large Hadron Collider, the world's largest particle accelerator at CERN.

PSYCHOLOGY

Our School of Psychology offers an excellent research environment with impressive facilities and world-leading expertise.

- Our school brings together cutting-edge expertise in experimental psychology, cognitive neuroscience, functional neuroimaging and computational modelling.
- Using diverse approaches, our research aims to advance the understanding of behaviour and the underlying mental processes and brain functions at multiple levels of analysis.
- Researchers are grouped across the School of Psychology and the Centre for Cognitive Neuroimaging (CCNi). Many investigators have double affiliations, with links to the Institute of Neuroscience & Psychology (see page 78).
- Our student learning and support mechanisms are constantly being developed and improved. Our graduate student seminar programme forms an essential part of training.
- Facilities include up-to-date devices for studies into brain processes and mental activities (including visual cognition laboratories, eye-trackers, EEG labs, TMS labs, an fMRI and MEG scanner and computing facilities), all within one unit.

Our Centre for Cognitive Neuroimaging (CCNi) aims to advance the understanding of the complex relationship between the brain, cognition and behaviour at multiple levels of analysis.

Researchers at the centre combine multi-modal brain imaging with sophisticated analysis methods to study the functioning of the human brain.

Postgraduate research programme

We offer research training leading to the award of a PhD degree.

Research interests

- **Cognitive and behavioural neuroscience:** high-level vision and cognition; attention and multisensory integration; predictive coding; perception and action; social interactions; brain development and ageing; decision-making; computational modelling of cognition; circadian rhythms.
- **Language and communication:** dialogue and the visual world; discourse processing; theory of mind and counterfactual processing; syntactic processing; quantifiers in linguistic focus; communication and conversation; second-language processing in aphasia; word recognition in context and semantic ambiguity; emotion word processing.
- **Perception and cognition:** auditory cognition; biological motion; colour vision; depth perception; face perception; motion perception; psychophysics; perception of attractiveness.

Find potential supervisors

You are welcome to contact individual staff members to discuss a potential research topic before applying:

Visit: www.glasgow.ac.uk/psychology/staff

Tel: +44 (0)141 330 5089

Email: johanna.green@glasgow.ac.uk

Entry requirements

For entry requirements and how to apply, see page 25.

Scholarships and fees

For scholarships and fees, see pages 26 – 27.

Psychological Science (conversion)

MSc: 12 months full-time

The Masters in Psychological Science (conversion) is designed to provide a broad and critical awareness of psychological theory and practice. We have particular expertise in quantitative methods, and our course would particularly suit those from a science background.

www.gla.ac.uk/1L1slH0

margaret.s.martin@glasgow.ac.uk

Programme structure

Modes of delivery include lectures, seminars, small group teaching and research projects.

Core courses

- Cognitive psychology
- Human development
- Individual differences
- Physiological psychology
- Research methods
- Social psychology
- Research project.

Optional courses (three chosen from over 20 options), for example:

- Atypical development
- Cognitive neuroscience: insights into brain plasticity
- Forensic
- Psychology of biology and mental disorders.

Career prospects

This MSc can function both as a feeder for a PhD and also as an industry-focused qualification. Graduates of this programme may go on to further academic training and pursue a PhD. In addition to the academic benefits of this programme, this MSc will be attractive to a wider job market, to those who do not wish to pursue a PhD but wish to acquire brain imaging techniques and have the academic experience of working within a high-quality research environment. The MSc will also prepare those with first degrees in Neuroscience who wish to become academic scientists.

Why Glasgow

- The MSc Psychological Science (conversion) is accredited by the British Psychological Society.
- The school is consistently ranked amongst the top 10 in the UK and top 5 in Scotland, recently achieving 1st in Scotland and 2nd in the UK (Guardian University Guide 2015).
- With 98% overall student satisfaction in the National Student Survey 2014, the school continues to meet student expectations, combining teaching excellence and a supportive learning environment.

Research Methods of Psychological Science

MSc: 12 months full-time

This Masters in Research Methods of Psychological Science will provide you with both theoretical instruction and practical experience in the methods appropriate for scientific research in psychology.

www.gla.ac.uk/1Qlz1T6

martin.lages@glasgow.ac.uk

Programme structure

Modes of delivery of the MSc in Research Methods of Psychological Science include lectures, seminars and tutorials and lab work.

Core courses

- Current research topics in psychology, neuroscience and brain imaging
- Introduction to Matlab programming
- Professional skills
- Research methods in cognitive science
- Statistics and research design
- Designing a research project.

Depending on your funding source, you may also be required to attend a course in qualitative methods.

Optional courses (one chosen)

- Cognitive brain imaging
- Computational neuroscience
- Formal models and quantitative methods
- Psychology of language
- Sleep and circadian timing
- Visual perception and cognition.

You will also attend Scottish universities' psychology postgraduate meetings, research seminars and journal clubs.

Career prospects

As this programme is accredited by the ESRC, successful graduates from the programme are eligible for +3 ESRC PhD studentships. The majority of our graduates have obtained PhD funding or secured a research or teaching position. Others have opted for further professional training in specialised fields of psychology. Some graduates have used the qualification and skills to advance in their current employment.

Graduates of this programme have gone on to positions such as:

- Assistant Psychologist in the NHS.

Why Glasgow

- With 98% overall student satisfaction in the National Student Survey 2014, the school continues to meet student expectations, combining teaching excellence and a supportive learning environment.
- This MSc is an approved research training programme of the Economic & Social Research Council (ESRC) and can either be the first year of a '1+3' funding package or qualify you for future '+3' funding.

COLLEGE OF SOCIAL SCIENCES

Schools

Adam Smith Business School	Page 124
School of Education	Page 138
School of Interdisciplinary Studies	Page 148
School of Law	Page 152
School of Social & Political Sciences	Page 157

Research Institute

Institute of Health & Wellbeing Joint with the College of Medical, Veterinary & Life Sciences	Page 70
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A SUPPORTIVE ENVIRONMENT

Building upon the tradition of Adam Smith, our teaching and research address local and global challenges. Our impressive list of international partners includes Nankai University, with which we are promoting research on China through our Confucius Institute.

The college is part of the Scottish Doctoral Training Centre, which provides access to a broad range of research skills training that enhances further academic research as well as employability.

www.socsciscotland.ac.uk

Research environment

We're interested in theoretical, methodological and empirical research that addresses current and future global economic and social political challenges. Our expert academics are undertaking some of the most significant research in the UK in their subject areas.

We are home to several dynamic research centres and a number of leading academic journals such as Urban Studies and Europe-Asia Studies.

Our college also hosts the Adam Smith Research Foundation, which supports and encourages interdisciplinary research and collaboration within six research themes:

- Social justice, equity and change
- Health, well-being and social care
- Global security and risk
- Social, economic and legislative transformations
- Regulation and consumption
- Responsible innovation and sustainability.

www.glasgow.ac.uk/researchinstitutes/adamsmith

Learning environment

We also offer an online writing programme to support and improve skills in writing, and a range of training courses including research workshops, labs and seminars that focus on social science statistics, qualitative methods and social theory for researchers.

www.glasgow.ac.uk/colleges/socialsciences/graduateschool/studentsandstaff/graduateschool/researchtrainingprogramme

You may wish to participate in our international online journal, *eSharp*, for postgraduate research in the arts, humanities, social sciences and education. Run entirely by graduate students, it provides opportunities for hands-on experience in journal management and editing, and it can enhance your skills and employability.

www.glasgow.ac.uk/esharp

Career development

Our college employability officer can give you advice and support on career planning, professional development, transferable skills training, work experience and placements.

Visit the Researcher Development Programme website for more information www.glasgow.ac.uk/researchtraining

You may also be able to take advantage of opportunities to network with potential future employers, or train to become a graduate teaching assistant.

Resources and facilities

You will enjoy access to a range of resources and facilities.

- Our dedicated Moot Courtroom modelled on a real court for students of law.
- Our Adam Smith Business School's Bloomberg Trading Room can be used by asset management companies, investment banks, hedge funds, banks and central banks to analyse, price and trade stocks, bonds and derivatives in real time. We are one of the few Universities in Scotland to have such a facility.
- A range of specialist libraries including the Adam Smith Library for social science students, the Wards Library for accounting and finance resources, the collections of the Centre for Business History and the Centre for the History of Medicine contained within the Lilybank House Library, and one of the world's largest and most established collections in the Russian & East European Library.

Adam Smith, father of economics, was Professor of Logic and then Professor of Moral Philosophy at the University.



Funding and scholarships

A range of scholarships and funding opportunities are available for full-time and part-time study.

The University plays a leading role in the Scottish Graduate School for Social Science, which offers postgraduate scholarships via a number of designated pathways: these can be on a 2+3, 1+3 or a +3 basis. Other important sources of funding include:

- college scholarships, which provide an annual stipend in line with RCUK provision and fees paid at the Home/EU rate or International rate
- the Kelvin Smith Scholarship Scheme for interdisciplinary research projects. www.glasgow.ac.uk/colleges/socialsciences/graduateschool

Research programmes

We offer the following research degrees:

- EdD (Doctor of Education)
- MLitt (Master of Letters) by Research
- MSc (Master of Science) by Research
- MPhil (Master of Philosophy) by Research
- PhD (Doctor of Philosophy)

For full details of our research degrees and how to apply, please see page 25.

Taught programmes

We have a portfolio of over 140 postgraduate programmes. These taught degrees usually last for one year (full-time) and are delivered through a range of structured classroom and seminar activities, led by academic members of staff, many world leaders in their field. These activities run alongside more independent but supervised (typically one-to-one) learning experiences.

Our programmes provide an opportunity to extend your existing knowledge of a subject, to engage with a new subject area or to work across subject areas in an interdisciplinary programme.

For details of how to apply see page 24.

Glasgow was arguably the birthplace of the Scottish Enlightenment and at its centre stood the University, where the leading academics of the day, such as Adam Smith, developed reasoned thinking to expand knowledge to new levels of understanding.

Adam Smith, father of economics, was Professor of Logic and then Professor of Moral Philosophy at the University. Over 200 years after his death, he is still among the most influential thinkers in the field of economics today.

BUSINESS

The Adam Smith Business School offers internationally recognised accredited research and teaching programmes, within a well resourced, supportive and collegiate environment. We are one of the largest graduate business schools in the UK.

- Our subject areas are: accounting & finance, economics and management.
- Accounting & finance is a broad-based subject group, with research strengths in the main sub-areas of finance and market based research, financial reporting and management accounting and control. There is also significant presence in the specialist areas of accounting education, accounting history, auditing and corporate governance.
- Economics at Glasgow dates back to Adam Smith, widely renowned as the father of modern economics. Today, we have research collaborations with several international and government organisations, including the World Bank, United Nations, Commonwealth Secretariat, HM Treasury, European Commission, and a number of government organisations in developing countries. Our research has also been used by numerous private sector institutions.
- Our management research contributes to theoretical advancement as well as being relevant to management practice. We have national and international interdisciplinary research collaborations, not only with academic researchers, but also with policymakers and managers, addressing issues ranging from the internationalisation of SMEs through to the impact of technology on consumption.
- Our academics have close connections with industry, which means the school is at the cutting edge of business knowledge. The school also offers an annual series of practitioners' talks, seminars and workshops, which students are encouraged to attend.
- ASBS has accreditations by the following professional bodies:
 - Association of Advanced Collegiate Schools of Business (AACSB)
 - Association of MBAs (AMBA)
 - Accountants of Scotland
 - Institute of Chartered Accountants of England and Wales
 - Association of Chartered Certified Accountants
 - Chartered Institute of Management Accountants
 - Chartered Institute of Public Finance and Accountancy
 - EFMD Quality Improvement System (EQUIS).
- Professional Memberships:
 - Chartered Association of Business Schools (CABS)
 - European Foundation for Management Development (EFMD).

The school holds 'triple accreditation' (EQUIS, AACSB and AMBA) for its portfolio of programmes.

Postgraduate research programme

We welcome enquiries from PhD applicants.

Research interests

- Accounting
- Decision-Making, Operations and Strategy
- Finance
- Human Resource Management and Organisational Behaviour
- International Business and Entrepreneurship
- Macroeconomics
- Marketing
- Microeconomics.

Find potential supervisors

You are welcome to contact individual staff members to discuss a potential research topic before applying:

Visit: www.glasgow.ac.uk/business/staff
Tel: +44 (0)141 330 3993
Email: business-school@glasgow.ac.uk

Entry requirements

For entry requirements and how to apply, see page 25.

Scholarships and fees

For scholarships and fees, see pages 26 – 27.

ACCOUNTING & FINANCE

Corporate Governance & Accountability

MSc: 12 months full-time

This programme will give you an international perspective on some of the most fundamentally important issues facing global business and society today and a theoretical and practical understanding of the fast-changing fields of governance and accountability.

www.gla.ac/1AVYFUH
business-accounting-finance@glasgow.ac.uk

Programme structure

You will take three core courses, three optional courses and complete a substantial independent piece of work, normally in the form of a dissertation on an accounting-related theme, which gives you the flexibility to specialise based on your chosen area of interest.

Core courses

- Accounting and business control
- Foundations of international corporate finance
- International corporate governance and accountability.

Optional courses

- Audit, risk and control
- Accounting and business ethics
- Governing risk and uncertainty
- Human rights and business
- Responsible banking and development finance
- Social accounting, reporting and finance.

Career prospects

The programme will prepare you for a career in governance or compliance. On completing the programme, you will also have a competitive edge in the job market when looking for roles in financial services businesses, or (for existing business executives) governance positions at higher levels of the business. The Adam Smith Business School has graduates working in accounting and finance roles all over the world, in organisations like Deloitte, Morgan Stanley, Turner Broadcasting, KPMG, the United Nations, Coca Cola, Toyota and PWC.

Why Glasgow

- While you will receive a grounding in finance and governance in the first part of the programme, you will have the opportunity to specialise in law, management or ethics, or to engage in further studies in accountancy or finance.
- Your studies will balance critical engagement with theory and research, knowledge and understanding of techniques, and the development of the analytic skills needed for the effective management of governance and accountability in complex environments.

Financial Modelling

MSc: 12 months full-time

Financial modelling integrates mathematical and statistical methods with advanced studies in finance. This programme will provide you with an enquiry-led understanding of interconnected subject areas in mathematics, statistics and finance.

www.gla.ac/11AtYRH
business-accounting-finance@glasgow.ac.uk

Programme structure

On this programme you will take eight core courses, one optional course and complete a substantial independent piece of work, normally in the form of a dissertation, on a finance-related theme, which will give you the flexibility to specialise based on your chosen area of interest. Teaching is through a combination of lectures, seminars and tutorials.

Core courses

- International capital markets
- Introduction to R programming
- Regression models
- Statistical inference
- Probability
- Financial statistics
- Time series
- Risk management and derivative securities.

Optional courses

- International banking and financial markets
- Behavioural finance.

Career prospects

On this programme you will get a high-level introduction to the use of mathematics and statistics in finance. By the end of the programme, you will have a critical awareness of evolving and controversial areas of market behaviour. You will develop analytical, computational, evaluative and communication skills that can be applied to a wide range of finance and business contexts.

Why Glasgow

- The programme is designed to meet the needs of highly numerate graduates (principally graduates in mathematics, statistics, engineering or a related discipline) who wish to use their skills to pursue a career in finance.
- The Adam Smith Business School has graduates working in accounting and finance roles all over the world, in organisations like Deloitte, Morgan Stanley, Turner Broadcasting, KPMG, the United Nations, Coca Cola, Toyota and PWC.

International Accounting & Financial Management

MAcc: 12 months full-time

The programme will give you up-to-date practical and theoretical knowledge of international accounting and financial management. It will help you understand and analyse financial statements of international businesses from around the world.

www.gla.ac/1cRV5fL
business-accounting-finance@glasgow.ac.uk

Programme structure

On this programme you will take four core courses, two optional courses and complete a substantial independent piece of work, normally in the form of a dissertation, on an accounting-related theme. Teaching is through a combination of lectures, seminars and tutorials.

Core courses

- Foundations of international corporate finance
- International financial accounting for multinational companies
- Issues in accounting research
- Management accounting and control.

Optional courses

- Advanced international corporate reporting
- Audit, risk and control
- Accounting and business ethics
- Climate change policies and accountability issues
- Global issues in management accounting
- Governing risk and uncertainty
- Human right and business
- Social and environmental accounting.

Career prospects

When you complete the programme, you will have the knowledge and skills to work in both professional accounting practices and leading industrial firms.

Why Glasgow

- The programme is strongly research-led, and you will be expected to evaluate and criticise theories from the latest research in this area.
- The programme is part-accredited for the Diploma stage of the Chartered Insurance Institute.

International Corporate Finance & Banking

MSc: 12 months full-time

This programme is an empirically-based banking and finance degree, and is taught by specialist lecturers who are active researchers in their fields. The programme reflects the increasing importance being attached to ethics in modern-day banking.

gla.ac/1Fdn5on
business-accounting-finance@glasgow.ac.uk

Programme structure

The programme starts with a study of general market-based finance and builds from there to a detailed study of banking, with supporting courses in ethics and statistics. You will be expected to analyse and evaluate some of the key recent research in this topic area. Teaching is through a combination of lectures, seminars and tutorials.

On this programme you will take six core courses and complete a substantial independent piece of work, normally in the form of a dissertation, which offers you the flexibility to pursue studies in your chosen area of interest, on a theme related to financial analysis.

Core courses

- International capital markets
- International corporate finance
- Statistics for business research
- Financial management in banking
- International banking and financial markets
- Financial regulation and ethics.

Career prospects

By the end of the programme you will be able to critically appraise models, theories and issues relevant to the finance function of international organisations and international banking, and understand the importance of financial regulation and ethics in the workings of the financial sector.

Why Glasgow

- You will be provided with a research-led, rigorous and comprehensive introduction to the international banking industry.
- The programme is part-accredited by the Chartered Insurance Institute.

International Finance

MFin: 12 months full-time

This programme is designed to give you an understanding of the financing and investment issues facing organisations that operate internationally. You will also develop an understanding of the treasury function of multinational companies.

gla.ac/1H2Qv5v
business-accounting-finance@glasgow.ac.uk

Programme structure

You will take three core courses and three optional courses and undertake a substantial independent piece of work, normally in the form of a dissertation, on a finance-related theme.

Core courses

- International capital markets
- International corporate finance
- Statistics for business research.

Optional courses

- Behavioural finance
- Financial analysis and equity valuation
- Financial regulation and ethics
- Financial risk management
- Governing risk and uncertainty
- International banking and financial markets
- International financial management
- Mergers and acquisitions
- Responsible banking and development finance
- Risk management and derivatives securities.

Career prospects

The programme will prepare you for a career in finance or to pursue research studies in finance. You will develop the background to work in a variety of financial functions, and for a variety of businesses such as banks, insurance companies and financial service companies. Working in mainstream industries and commercial services firms is also a possibility.

Why Glasgow

- You will learn how to analyse the functioning of principal capital markets and the features of the main products traded on these markets; and to identify and use appropriate statistical techniques to analyse financial data.
- You will learn how to critically appraise models, theories and issues relevant to the finance function of international organisations, and apply information for financial decision-making.

International Financial Analysis

MSc: 12 months full-time

This programme is designed to assist you to obtain a professional financial qualification and equip you with knowledge essential for a successful career in financial analysis, investment management and allied financial services.

gla.ac/1KI8MIg
business-accounting-finance@glasgow.ac.uk

Programme structure

On this programme you will take five core courses, one optional course and complete a substantial independent piece of work, normally in the form of a dissertation, which offers you the flexibility to pursue studies in your chosen area of interest.

Core courses

- International capital markets
- International corporate finance
- Statistics for business research
- Financial analysis and equity valuation
- Financial reporting and interpretation.

Optional courses

- International financial management
- Financial management in banking
- Financial risk management
- Risk management and derivative securities.

Career prospects

This programme provides a good starting point for aspiring finance professionals who intend to pursue their career in providing financial services to a wide range of corporate and non-corporate clients. It is particularly suitable if you wish to pursue a professional career in areas including equity research, sell-side analysis and fund management.

Why Glasgow

- The programme covers parts of the CFA Level 1 syllabus and more: it offers an excellent grounding in topics that will be of importance to students who want to become financial analysts, fund managers and investment bankers.
- You will benefit from expert teaching, using the latest materials across a carefully chosen range of courses, informed by cutting-edge research in the area of international financial analysis.

ECONOMICS

Asset Pricing & Investment

MSc: 12 months full-time

This programme is designed to help you understand how prices and values for claims to uncertain payments are derived, by using fundamental principles from economics and finance, and includes claims such as company shares and dividends, financial derivatives and real assets such as metals and commodities, as well as insurance claims.

gla.ac/1cRVOh1
business-economics@glasgow.ac.uk

Programme structure

You will take four core courses, two optional courses and complete a substantial independent piece of work, normally in the form of a dissertation.

You will be taught in lectures, some of which may also be accompanied by class/group discussions. You will attend workshops to help define and develop your dissertation proposal and you will be assigned an individual dissertation supervisor who will provide guidance and comments as you complete your dissertation.

Core courses

- Economic fundamentals and financial markets
- Empirical asset pricing
- Investment, finance and asset pricing
- Portfolio analysis and investment.

Optional courses

- Advanced portfolio analysis (Portfolio analysis and investment is a co-requisite for this course)
- Applied computational finance
- Basic econometrics
- Corporate finance and investment
- Financial derivatives (Mathematical finance is a co-requisite for this course)
- Financial market micro structure
- Intermediate econometrics
- Mathematical finance.

Career prospects

Graduates from this programme will typically find employment in financial institutions (asset management, investment banks, the quant sector and consulting); governmental bodies involved in financial decision-making; and organisations such as the International Monetary Fund and Central Banks.

Why Glasgow

- This programme will give you a thorough knowledge of the mechanisms used to determine asset prices, knowledge which is fundamental for all types of investor.
- You will learn about the latest and most sophisticated techniques in asset pricing and investment theory and you will receive training on Bloomberg software in the school's dedicated training suite.

Banking & Financial Services

MSc: 12 months full-time

This programme will provide you with an understanding of management and regulation of financial markets, various models of pricing financial assets such as stocks, bonds and elective contracts and the underlying assumptions of such models.

gla.ac/1E4X1qj
business-economics@glasgow.ac.uk

Programme structure

You will take four core courses, two optional courses and complete a substantial independent piece of work, normally in the form of a dissertation.

Core courses

- Financial services
- International corporate finance (Accounting & Finance)
- International finance and money
- Modern theory of banking and finance.

Sample optional courses

- Advanced portfolio analysis (Portfolio analysis and investment is a co-requisite for this course)
- Basic econometrics
- Financial analysis and equity valuation
- Financial institutions and markets in developing countries
- Foreign direct investment and growth
- International banking and financial markets
- International capital markets
- International financial management
- International trade
- Monetary policy and the role of central banks
- Portfolio analysis and investment
- The law and economics of sovereign debt regulation.

Career prospects

You should find employment with financial institutions including banks, the International Monetary Fund, the World Bank, government bodies involved in financial decision-making as well as firms involved with financial transactions and provision. Recent graduates have gone on to work for organisations like Bloomberg, central and private banks, and consulting firms. This programme offers a strong foundation to continue to PhD research.

Why Glasgow

- The programme will provide you with a comprehensive understanding of the economic, financial and legal environment in which providers of financial services operate.
- You will have the opportunity to attend guest lectures with business leaders and opinion formers, such as the Vice-President of Morgan Stanley and the former Management Editor of The Economist.

Development Studies

MSc: 12 months full-time

This programme provides non-economics graduates with a solid grounding in policy analysis, economic growth and economic development. You will develop a thorough understanding of the main models related to economic growth and development and of the economics of transition from less developed to developed status.

gla.ac/1bOEMP8
business-economics@glasgow.ac.uk

Programme structure

You will take two core courses and four optional courses and complete a substantial independent piece of work, normally in the form of a dissertation.

Core courses

- Growth and development
- Development policy.

Sample optional courses

- Aid and development
- Basic econometrics
- Behavioural economics: theory and applications
- Challenges in international policies
- Economics of inequality and deprivation
- Environmental economics
- Financial institutions and markets in developing countries
- Foreign direct investment and development
- Human rights and global politics
- IMF, World Bank and economic growth
- International security and global politics
- International trade
- Policies for sustainability and development
- Project planning, appraisal and implementation
- The law and economics of sovereign debt regulation
- Theory and principles of sustainability.

If you have little or no economics you are strongly recommended to take the non-credit introductory course to economics offered before semester 1 begins.

Career prospects

Many of our graduates progress to successful careers in international organisations, government ministries, research institutions and banks and other financial institutions.

Why Glasgow

- You will be taught by leaders in the field, many of whom have worked with international and government organisations including the IMF, World Bank, UN, Commonwealth Secretariat and central banks.
- You will have the opportunity to enhance your learning by taking courses in other subjects at the University such as Economic & Social History and Russian, East European & Eurasian Studies.

Economic Development

MSc: 12 months full-time

This programme is designed for graduates with a background in economics who want to develop an understanding of policy analysis, design and management relevant to developing countries.

[gla.ac/1EB9TWK](https://www.gla.ac.uk/1EB9TWK)
business-economics@glasgow.ac.uk

Programme structure

You will take three core courses, three optional courses and complete a substantial independent piece of work, normally in the form of a dissertation.

Core courses

- Development policy
- Growth and development
- IMF, World Bank and economic growth.

Sample optional courses

- Aid and development
- Basic econometrics
- Behavioural economics: theory and applications
- Economics of inequality and deprivation
- Environmental economics
- Financial sector stability and growth
- Foreign direct investment and development
- International trade
- Money, finance and growth
- Policies for sustainability and development
- Project planning, appraisal and implementation
- Theory and principles of sustainability.

Optional courses are also offered in Economic & Social History and Politics.

Career prospects

Career options open to you include working for international organisations, government ministries, academia and research institutions, non-governmental organisations, banks and other financial institutions. Recent graduates of this programme now work for organisations such as the British Council, the Avina Foundation, Channing Lucas, consulting firms, and various local and national governments around the world.

Why Glasgow

- The programme is designed to meet the needs of those interested in problems and policies in developing countries. It is at the research frontier, with special attention devoted to the policy and practical implications of different theories.
- You will be taught by leaders in the field, many of whom have worked with international and government organisations including the IMF, World Bank, UN, Commonwealth Secretariat, central banks and government organisations in developing countries.

Economics

MRes: 24 months full-time

This programme provides rigorous training in modern economics and equips you with a comprehensive understanding of the research tools and techniques, both theoretical and empirical, required for the analysis of economics phenomena. It aims to produce graduates who are well-equipped to pursue careers in academia, government, industry or consulting.

[gla.ac/1G7XCZC](https://www.gla.ac.uk/1G7XCZC)
economics-mres@glasgow.ac.uk

Programme structure

This is a taught programme. You will attend lectures, tutorials and seminars, and work on research projects. In year 1 you will take six core courses and write a research project over the summer. In year 2 you will take six optional courses and complete a dissertation. If you complete the MRes at a sufficiently high level, you are automatically admitted into our three year PhD programme.

Core courses

- Econometrics
- Macroeconomics 1
- Macroeconomics 2
- Microeconomics 1
- Microeconomics 2
- Quantitative methods.

Sample optional courses

- Behavioural economics
- Contract theory
- Decision theory
- Economic growth: Theory and numerical solution methods
- International macroeconomics
- Market microstructure
- Methods of economic dynamics
- Microfoundations of macroeconomics
- Networks and games
- Time series analysis
- Welfare and mechanism design.

Career prospects

The programme provides thorough guided preparation for PhD research; completion at a sufficiently high level guarantees admission into the Economics PhD programme. You will also be extremely well positioned to be accepted for PhD study in other universities. Upon completion of the programme you will be equipped to pursue a career in academia, government, industry or consulting.

Why Glasgow

- This programme is unique in Scotland and joins a small number of similar programmes in the UK. It is modelled on the long-established tradition at US universities of providing thorough PhD preparation.
- Economics at Glasgow has a large group of research-active economists, who publish regularly in leading professional journals.

Economics, Banking & Finance

MSc: 12 months full-time

This programme focuses on economic analysis of financial and banking issues. It is aimed at policymakers, postgraduate students who are interested in financial markets and those who work in financial institutions and government organisations.

[gla.ac/1EBackg](https://www.gla.ac.uk/1EBackg)
business-economics@glasgow.ac.uk

Programme structure

You will take four core courses, two optional courses and complete a substantial independent piece of work, normally in the form of a dissertation.

Core courses

- International macroeconomics and policy
- Money, finance and growth
- Modern theory of banking and finance
- Monetary policy and the role of central banks.

Optional courses

- Basic econometrics
- Behavioural economics: theory and applications
- Financial institutions and markets in developing countries
- Financial sector stability and growth
- Financial services
- Foreign direct investment and development
- IMF, World Bank and economic growth
- Intermediate econometrics for applications in financial and development studies
- International finance and money
- International trade
- Modelling and forecasting financial markets
- Project planning appraisal and implementation.
- The law and economics of sovereign debt regulation.

Optional courses are also offered by Economic & Social History.

Career prospects

This programme will offer suitable career choices if you wish to enter or are already in professions which require employees to be able to provide economic analysis of financial and banking issues. Recent graduates are working for organisations such as Barclays Capital, IBM, accounting firms, consulting and research organisations and central banks.

Why Glasgow

- The Adam Smith Business School has been ranked in the top 10% worldwide for economics and finance (RePEc), with two of our academics rated in the top 1%.
- The Adam Smith Business School celebrates the legacy of Adam Smith by developing enlightened, enterprising and engaged graduates and internationally recognised research with real social impact.

Environment & Sustainable Development

MSc: 12 months full-time

This multi-disciplinary programme is designed for those intending to pursue careers in environmental project management, and will give you the tools to apply economic analysis to a range of environmental management problems with a focus on developing countries.

[gla.ac/1G5xXW1](https://www.gla.ac.uk/1G5xXW1)
business-economics@glasgow.ac.uk

Programme structure

You will take four core courses, two optional courses and complete a substantial independent piece of work, normally in the form of a dissertation. A pre-sessional refresher course in economics is also available for those who wish to revise their economics. This non-credit-bearing course takes place during induction week.

Core courses

- Development policy
- Environmental economics
- Policies for sustainability and development
- Theory and principles of sustainability.

Optional courses

- Aid and development
- Basic econometrics
- Behavioural economics: theory and applications
- Financial institutions and markets in developing countries
- Growth and development
- IMF, World Bank and economic growth
- International trade
- Money, finance and growth
- Project planning, appraisal and implementation
- The economics of inequality and deprivation
- The law and economics of sovereign debt regulation.

Career prospects

The programme is designed to equip you for a career as professional planning staff in private or public sector organisations concerned with the design and implementation of environmental policies, working on environmental issues in international agencies or academic and research institutions, or managing environmental projects.

Why Glasgow

- The programme content is techno-economic in nature and draws upon numerous disciplines. You will gain a scientific perspective on how environmental and resource constraints impact upon development.
- You will develop an understanding of why certain environmental problems occur and the possible options available for their resolution, and you will be able to recognise and analyse the relationships between economic and ecological systems.

Finance & Economic Development

MSc: 12 months full-time

This programme is designed for economics graduates who would like to develop an understanding of the nature of the differing institutional settings of financial systems in various developed and developing countries.

[gla.ac/1zYVCq3](https://www.gla.ac.uk/1zYVCq3)
business-economics@glasgow.ac.uk

Programme structure

You will take three core courses, three optional courses and complete a substantial independent piece of work, normally in the form of a dissertation.

Core courses

- Growth and development
- Money, finance and growth
- Financial institutions and markets in developing countries.

Optional courses

- Aid and development
- Basic econometrics
- Behavioural economics: theory and applications
- Development policy
- Economics of inequality and deprivation
- Environmental economics
- Financial sector stability and growth
- Foreign direct investment and development
- IMF, World Bank and economic growth
- International finance and money
- International macroeconomics and policy
- International trade
- Introduction to normative economics
- Project planning, appraisal and implementation
- The EU in international politics and development (Politics)
- The law and economics of sovereign debt regulation.

Career prospects

This programme will prepare you for a career in teaching or research in the field of economic development or the areas covered in optional courses, or for working in economic development as a government official, or in international agencies or in other organisations concerned with economic development.

Why Glasgow

- You will develop tools to evaluate the problem of moral hazard in relation to international rescue operations and recognise factors that may lead to the emergence of banking and currency crises and other sources of serious economic instability.
- You will be taught by leaders in the field, many of whom have worked with international and government organisations including the IMF, World Bank, UN, Commonwealth Secretariat, central banks and government organisations in developing countries.

Financial Economics

MSc: 12 months full-time

This programme offers training in the key macroeconomic and microeconomic issues fundamental to financial decision making. It draws on the most recent developments in these areas.

[gla.ac/1H2R9ju](https://www.gla.ac.uk/1H2R9ju)
business-economics@glasgow.ac.uk

Programme structure

You will take four core courses, two optional courses and complete a substantial independent piece of work, normally in the form of a dissertation, on a topical business, finance or management related issue.

Teaching is delivered via lectures. Technical subjects are supported by weekly or fortnightly tutorials, which provide opportunities for you to engage with issues and questions in a group format. Some courses also involve lab sessions in which you will use specialised software, for instance in the study of econometrics.

Core courses

- Basic econometrics
- Economic fundamentals and financial markets
- Macroeconomics
- Microeconomics.

Sample optional courses

- Applied computational finance
- Behavioural economics: theory and applications
- C++ in finance (Mathematical finance is a co-requisite for this course)
- Corporate finance and theory
- Empirical asset pricing
- Financial market micro structure
- Foreign direct investment and development
- Game theory with applications in economics and finance
- Intermediate econometrics
- International financial management
- Investment, finance and asset prices
- Mathematical finance
- Modelling and forecasting financial markets
- Public finance.

Career prospects

As a graduate of the programme you will be qualified to work in finance for organisations like the International Monetary Fund and World Bank. The programme is also suitable for careers in academia.

Why Glasgow

- The programme draws on the most recent developments in financial economics, giving you a strong foundation for PhD research and providing you with the tools to gain employment in a wide range of spheres.
- The Adam Smith Business School has been ranked in the top 10 worldwide for economics and finance (RePEc), with two of our academics rated in the top 1%.

Financial Forecasting & Investment

MSc: 12 months full-time

This programme offers training in the key areas of financial analysis, forecasting and financial investment. It will provide you with an understanding of the underlying forces driving financial markets and the relevant analytical tools.

gla.ac/1K5RpV6
business-economics@glasgow.ac.uk

Programme structure

You will take four core courses, two optional courses and complete a substantial independent piece of work, normally in the form of a dissertation. Teaching is provided by lectures. Technical subjects are supported by weekly or fortnightly tutorials, which provide opportunities for you to engage with issues and questions in a group format. Some courses also involve lab sessions using specialised software.

Core courses

- Basic econometrics
- Financial markets, securities and derivatives
- Modelling and forecasting financial markets
- Portfolio analysis and investment.

Sample optional courses

- Advanced portfolio analysis
- Applied computational finance
- Behavioural economics: theory and applications
- C++ in finance (Mathematical finance is a co-requisite for this course)
- Corporate finance and investment
- Economic fundamentals and financial markets
- Empirical asset pricing
- Financial market micro structure
- Foreign direct investment and development
- Game theory with applications in economics and finance
- Hedge fund risk management
- International finance and money
- Investment, finance and asset prices
- Mathematical finance.

Career prospects

Career paths will be in financial institutions including central banks and investment banks, as well as the International Monetary Fund and the World Bank, asset management firms, governmental bodies and banks. Recent graduates have gone on to work in organisations such as Ernst & Young, PricewaterhouseCoopers and various investment firms and banks.

Why Glasgow

- You will develop the skills required to manage portfolios to optimise clients' objectives, exploit available information to forecast future behaviour of stocks, interest and exchange rates, and provide analysis of financial investment.
- You will have the opportunity to attend guest lectures with business leaders and opinion formers, such as the Vice-President of Morgan Stanley.

Financial Risk Management

MSc: 12 months full-time

This programme will look at the economic and financial determinants of financial risk, including market risk and some elements of liquidity and counterpart risk. You will learn how to take advantage of the opportunities inherent in financial risk.

gla.ac/1zZEzV7
business-economics@glasgow.ac.uk

Programme structure

You will take four core courses, two optional courses and complete a substantial independent piece of work, normally in the form of a dissertation. Teaching is based on lectures which also allow opportunities for class discussion. Technical subjects are supported by weekly or fortnightly small tutorials, which provide opportunities for you to engage with some issues or questions in a group format. Some courses also involve lab sessions using specialised software.

Core courses

- Basic econometrics
- Economic fundamentals and financial markets
- Financial markets, securities and derivatives
- Financial risk analysis.

Instead of basic econometrics, students may take 'Modelling and forecasting financial markets' as a core subject if they have a strong background in econometrics.

Sample optional courses

- Advanced portfolio analysis (Portfolio analysis and investment is a co-requisite for this course)
- Applied computational finance
- Corporate finance and investment
- Corporate finance theory
- Empirical asset pricing
- Financial market micro structure
- Financial services
- Hedge fund risk management
- International finance and money
- Mathematical finance
- Modelling and forecasting financial markets
- Portfolio analysis and investment.

Career prospects

As a graduate you will be qualified to work in organisations such as central banks, investment banks, the IMF and the World Bank, asset management firms and government bodies. Recent graduates have gone on to work at Morgan Stanley, HSBC, Deloitte, Development Bank of China, and different banks around the world.

Why Glasgow

- You will learn about the determination of interest rates in bond markets, risk management, bank regulation and the preventive role of financial regulation.
- You will learn from internationally published academics in financial economics, many of whom have worked as research collaborators or consultants with the IMF, World Bank, numerous central banks and HM Treasury.

International Banking & Finance

MSc: 12 months full-time

This programme offers an in-depth study of financial systems in theory and practice. The course considers the role of the financial system in an economy, how monetary policy is implemented and the use of different financial instruments such as bonds, stocks and derivatives.

gla.ac/1HgsWM4
business-economics@glasgow.ac.uk

Programme structure

You will take four core courses, two optional courses and complete a substantial independent piece of work, normally in the form of a dissertation.

Core courses

- Financial markets, securities and derivatives
- International corporate finance
- Monetary policy and the role of central banks
- Modern theory of banking and finance.

Sample optional courses

- Basic econometrics
- Financial analysis and equity valuation
- Financial institutions and markets in developing countries
- Financial sector stability and growth
- Foreign direct investment and development
- International banking and financial markets
- International capital markets
- International financial accounting for MNCs
- International financial management
- International macroeconomics and policy
- International trade
- Project planning, appraisal and implementation
- Public finance
- IMF, World Bank and economic growth
- The law and economics of sovereign debt regulation.

Career prospects

If you want to work in an international financial environment, this programme is designed for you. Recent graduates work in organisations such as Deloitte, Bank of China, HSBC, Nielsen, Citibank and various banks, universities, governments and consulting groups around the world. Our graduates are working in roles such as finance officers, research fellows, accountants, general managers and analysts.

Why Glasgow

- The programme will give you a graduate-level analysis of different types of derivative securities with emphasis on the practical use of financial instruments and you will receive specialist training on Bloomberg software.
- The Adam Smith Business School has been ranked in the top 10% worldwide for economics and finance (RePEc), with two of our academics rated in the top 1%.

International Development

MSc: 12 months full-time

This programme is for economics graduates who want to focus on the international aspects of development and the role of richer countries in supporting (or obstructing) the development of poorer countries.

gla.ac/1bOFSus
business-economics@glasgow.ac.uk

Programme structure

You will take three core courses, three optional courses and complete an independent piece of work, normally in the form of a dissertation.

Core courses

- Aid and development
- International trade
- IMF, World Bank and economic growth.

Sample optional courses

- Basic econometrics
- Behavioural economics: theory and application
- Challenges in international policies
- Development policy
- Economics of inequality and deprivation
- Environmental economics
- Financial institutions and markets in developing countries
- Foreign direct investment and development
- Growth and development
- Human rights and global politics
- International security and global politics
- Policies for sustainability and development
- Project planning, appraisal and implementation
- The law and economics of sovereign debt regulation
- Theory and principles of sustainability.

Optional courses are also offered in Politics and Economic & Social History.

Career prospects

As a graduate of this programme you will have the skills necessary for practitioners advising on policies or with an active role in international development projects. The programme will equip you with the necessary analytical toolkit to undertake research in the field of international development.

Why Glasgow

- This programme focuses on issues concerning aid, debt, foreign direct investment, trade and financial integration.
- You will be taught by leaders in the field, many of whom have worked with international and government organisations including the IMF, World Bank, UN, Commonwealth Secretariat, central banks and government organisations in developing countries.

International Finance & Economic Policy

MSc: 12 months full-time

This programme offers an interdisciplinary training in economics and finance for a career in international finance within the international banking system, international corporations and public sector agencies such as ministries of finance and central banks.

gla.ac/1bOG2Sz
business-economics@glasgow.ac.uk

Programme structure

You will take four core courses, two optional courses and complete a substantial independent piece of work, normally in the form of a dissertation.

Core courses

- International corporate finance
- International macroeconomics and policy
- International finance and money
- International financial management.

Sample optional courses

- Basic econometrics
- Behavioural economics: theory and applications
- Financial analysis and equity valuation
- Financial institutions and markets in developing countries
- Financial sector stability and growth
- Foreign direct investment and development
- Growth and development
- IMF, World Bank and economic growth
- Intermediate econometrics for applications in financial and development studies
- International banking and financial markets
- International trade
- Modelling and forecasting financial markets
- Money, finance and growth
- Project planning, appraisal and implementation
- Public finance.

Optional courses are also offered in Accounting & Finance and Economic & Social History.

Career prospects

As a graduate you will be equipped to pursue a career oriented towards the international economy in central banks, ministries of finance, government agencies, hedge funds, commercial banks, investment banks, consulting firms, rating agencies or international organisations. Recent graduates of this programme work for organisations such as PepsiCo, HSBC and the finance section of local and national governments.

Why Glasgow

- On this programme you will acquire knowledge of banking and public policy, international monetary policy and international financial management.
- The Adam Smith Business School has been ranked in the top 10% worldwide for economics & finance (RePEc), with two of our academics rated in the top 1%.

International Trade & Finance

MSc: 12 months full-time

This programme is for those with a special interest in international economics and its two components: international trade, and international finance and money.

gla.ac/1ECUdkN
business-economics@glasgow.ac.uk

Programme structure

You will take five core courses, one optional course and complete a substantial independent piece of work, normally in the form of a dissertation.

Core courses

- Basic econometrics
- International finance and money
- International trade
- Macroeconomics
- Microeconomics.

Optional courses

- Economic fundamentals and financial markets
- Financial institutions and markets in developing countries
- Financial sector stability and growth
- Foreign direct investment and development
- Game theory with applications in economics and finance
- Intermediate econometrics
- Investment, finance and asset prices
- Modelling and forecasting financial markets
- Public finance
- The law and economics of sovereign debt regulation.

Career prospects

As a graduate you will be well prepared for a career in the academic sector and institutions such as banks and government organisations which are involved in transactions and policies in trade and finance at the international level. Recent graduates of this programmes work for national banks, insurance companies, investment firms, and respected universities.

Why Glasgow

- This programme will enable you to design trade and finance related policies, and provides a solid grounding for PhD research should you wish to carry on your studies.
- At the Adam Smith Business School, the student experience is at the top of our agenda. We host regular workshops, trips, social events and speaker events by business leaders to enhance your learning.

Investment Banking & Finance

MSc: 12 months full-time

This programme offers training in the key areas of investment banking and financial investment. You will acquire an understanding of how financial markets operate, particularly in relation to the aims and operations of banking organisations and institutions.

gla.ac/1cRY5Zx
business-economics@glasgow.ac.uk

Programme structure

You will take four core courses, two optional courses and complete a substantial independent piece of work, normally in the form of a dissertation.

Core courses

- Corporate finance and investment
- Financial markets, securities and derivatives
- Modern theory of banking and finance
- Portfolio analysis and investment.

Sample optional courses

- Advanced portfolio analysis
- Basic econometrics
- Economic fundamentals and financial markets
- Financial sector stability and growth
- Financial derivatives (Mathematical finance is a co-requisite for this course)
- Foreign direct investment and development
- International finance and money
- Investment, finance and asset prices
- Mathematical finance
- Monetary policy and the role of central banks
- The law and economics of sovereign debt regulations.

Career prospects

As a graduate you will have future career opportunities with various financial institutions including investment banks, hedge funds, financial consultancies and asset management firms. The programme also provides a strong foundation for PhD research. Recent graduates of this programme work for organisations such as Zenith Bank, Tesco and PricewaterhouseCoopers.

Why Glasgow

- This programme will develop both your understanding of theory in lecture-based teaching and its practical application in computer labs allowing you to develop real-life skills, such as managing a portfolio according to a customer's requirements.
- You will have the opportunity to attend guest lectures with business leaders and opinion formers, such as the Vice-President of Morgan Stanley and the former Management Editor of The Economist.

Investment Fund Management

MSc: 12 months full-time

This programme offers training in the key areas of investment fund management with particular emphasis on hedge fund management and applications of financial engineering.

gla.ac/1HdeRMt
business-economics@glasgow.ac.uk

Programme structure

You will take four core courses, two optional courses and complete a substantial independent piece of work, normally in the form of a dissertation. Students will be welcome to attend Economics research seminars taking place in the Adam Smith Business School as well as practitioners' talks.

Core courses

- Advanced portfolio analysis
- Financial markets, securities and derivatives
- Hedge fund risk management
- Portfolio analysis and investment.

Optional courses

- Applied computational finance
- Basic econometrics
- Financial derivatives (Mathematical finance is a co-requisite for this course)
- Financial market micro structure
- Mathematical finance
- The law and economics of sovereign debt regulation.

Career prospects

This programme is for students wishing to pursue a career in investment fund management: for example in asset management companies, hedge funds, wealth management banks, regulators and central banks.

Why Glasgow

- On this programme you will acquire a sound understanding of how an investment fund works, legal aspects of the assets under management and the risk related to different asset classes.
- You will acquire employability skills by practising real case studies using the Adam Smith Business School's dedicated Bloomberg trading room.

Quantitative Finance

MSc: 12 months full-time

This programme offers training in the core areas of finance. It draws on recent developments in each of the subject areas, with a quantitative approach to understanding the structure of financial markets and forecasting their expected movements.

gla.ac/1E4XFEm
business-economics@glasgow.ac.uk

Programme structure

You will take four core courses, two optional courses and complete a substantial independent piece of work, normally in the form of a dissertation.

Core courses

- Basic econometrics
- Financial derivatives
- Mathematical finance
- Modelling and forecasting financial markets.

Optional courses

- Advanced portfolio analysis
- Applied computational finance
- C++ in finance
- Empirical asset pricing
- Economic fundamentals and financial markets
- Financial market micro structure
- Game theory with applications in economics and finance
- Portfolio analysis and investment (co-requisite for Advanced portfolio analysis).

Career prospects

In addition to providing a strong foundation for PhD research, particularly for our PhD in Quantitative Finance, this programme will prepare you for a career in financial institutions, government organisations and international organisations such as the International Monetary Fund and World Bank.

Why Glasgow

- This programme will develop both your understanding of theory in lecture-based teaching and its practical application in computer labs, allowing you to develop real-life skills, such as pricing financial derivatives and forecasting exchange rates.
- The Adam Smith Business School has been ranked in the top 10% worldwide for economics and finance (RePEc), with two of our academics rated in the top 1%.

MANAGEMENT

Finance & Management

MSc: 12 months full-time

This is a joint programme between Management and Economics and provides participants with a variety of skills and in-depth knowledge associated with financial management and international business.

gla.ac/1PihjZd
business-management@glasgow.ac.uk

Programme structure

You will take both core and optional courses and complete a substantial independent piece of work, normally in the form of a dissertation, on a topical business, finance or management related issue.

The programme is complemented by non-assessed, compulsory personal and career development workshops, with an emphasis on reflective learning, active participation, evaluation and problem-solving abilities, which will provide benefits for employers while enhancing your career prospects. You will benefit from active learning in real life case studies and scenario investigations, career development sessions involving essay and exam answering workshops, CV writing sessions and interview simulations.

Core courses

- Basic econometrics
- Corporate finance and investment
- Global business environment
- International strategic management
- Managing across cultures and comparative management
- Management issues and controversies.

Optional courses

- Either two Economics courses from
- Financial sector stability growth
 - International finance and money
 - Modern theory of banking and finance.
- Or one Economics and two Management courses from
- American business and management in an international context
 - The internationalisation of SMEs
 - The business environment in China
 - The European business environment.

Career prospects

This programme will equip graduates for careers in financial services/management or assist in evaluating and launching international ventures.

Why Glasgow

- This programme offers a unique learning experience based on research-led teaching with a real focus on personal and career development.
- You will have access to regular workshops, trips, social events and lectures by business leaders.

International Business & Entrepreneurship

MSc: 12 months full-time

This innovative programme provides advanced knowledge and skills in international business, cross-cultural management and international entrepreneurship.

gla.ac/1zYWUI5
business-management@glasgow.ac.uk

Programme structure

You will take a mix of core and optional courses and submit a substantial independent piece of work, normally in the form of a dissertation.

You will develop practical, intellectual and transferable skills through a range of group and individual activities and will be involved in active learning in multicultural groups with simulations, real life case studies and scenario investigations involving a series of workshops, seminars and presentations.

Core courses

- Entrepreneurial finance
- Global business environment
- International entrepreneurship and innovation
- International management solutions (Team projects undertaken on behalf of Scottish companies)
- International strategic management
- Managing across cultures and comparative management
- Managing the multinational enterprise and subsidiaries
- Market analysis
- Research methods.

Optional courses

- American business and management in an international context
- The business environment in China
- Digital entrepreneurship
- Entrepreneurial perspectives on internationalisation
- The European business environment
- International business ethics
- Managing innovation and technology transfer.

Career prospects

The consultancy project offers you the opportunity to advise a real company on a real business problem. These action-learning projects will give you practical experience that will assist you when finding employment or establishing your own international new venture.

Why Glasgow

- If you want to operate in a multicultural context, work in multinational companies, or develop your own entrepreneurial ventures, this programme has been developed for you.
- The programme is underpinned by research from the University's Centre for Internationalisation and Enterprise Research, a hub for multidisciplinary study in internationalisation and enterprise.

International Management & Design Innovation

MSc: 12 months full-time

This programme has been designed in association with the Glasgow School of Art and will develop your creativity, flexibility, adaptive capacity and ability to work in complex teams across disciplines.

gla.ac/1JchUGW
business-management@glasgow.ac.uk

Programme structure

You will take eight core courses and complete a substantial independent piece of work in the form of a project or dissertation.

You will take interactive lectures, seminars, project work and classes in study skills. You will also acquire practical, intellectual and transferable skills which are developed through a range of group and individual activities within and outside the classroom.

You will attend the learning environment at the Glasgow School of Art (GSA) to undertake practical design workshops and studio sessions, where ideas from lectures and seminars may be tested out, or new concepts explored. There is an emphasis upon divergent thinking, risk-taking, developing reasoning and creative expression.

You will engage in critiques, which is an important learning device used to generate peer/academic debate regarding the overall success of concepts, and their practical realisation within the context of a project brief or proposal.

Core courses

- Business finance
- Contemporary issues in human resources
- Contextual practices (GSA)
- Collaborative practices (GSA)
- Managing strategic change
- Marketing management
- Operations management
- Service design: User-led service innovation (GSA).

Career prospects

Graduates could go on to successful careers within professional design/management consultancies, business enterprises, management roles in the private or public sector, or further their academic study.

Why Glasgow

- The programme will expand the conventional understanding and application of design thinking and management as tools for driving social, technological and economic innovation.
- By engaging a wide range of expertise, it is possible to tackle complex problems, and view issues from a variety of angles, considering the economic, sociocultural and behavioural factors that play into successful innovation.

International Management & Leadership

MSc: 12 months full-time

This programme blends theory and practice to illuminate contextual factors that currently influence the quality of human capital and condition of employee relations in both the public and private sectors, highlighting the importance of aligning business strategy with leadership development and talent management.

gla.ac/1cvUn79
business-management@glasgow.ac.uk

Programme structure

This programme consists of both core and optional courses which will emphasise the development of leadership qualities at different appropriate organisational levels. You will also complete a substantial independent piece of work, normally in the form of a dissertation.

You will participate in applied skills workshops on mediation and negotiation, dispute resolution, performance appraisal and talent development. You will benefit from active learning in multicultural groups with real life case studies and scenario investigations and take part in career development sessions.

Core courses

- Global business environment
- International negotiations and dispute resolution
- International strategic management
- Leading and managing people in changing contexts
- Managing across cultures and comparative management
- Managing diversity in organizations
- Organisations and society
- Organisational misbehaviour.

Optional courses

- Business environment in China
- European business environment
- Leadership and talent management
- Managing work and employee participation.

Career prospects

There is a high demand for leaders who can act on their own initiative, take personal responsibility and adapt to changing circumstances. As a graduate of this programme, these are the kind of attributes we would expect you to possess.

Why Glasgow

- The programme is complemented by extended practitioner involvement in class, with workshops run by employee relations professionals from Scottish industry.
- The school is an accredited member of the Association to Advance Collegiate Schools of Business (AACSB International).

International Strategic Marketing

MSc: 12 months full-time

This specialist programme will provide students with a detailed understanding of contemporary marketing principles, techniques and trends from an international perspective and will promote an appreciation of how these are utilised in strategic marketing planning.

gla.ac/1ECVfgJ
business-management@glasgow.ac.uk

Programme structure

You will take a series of core and optional courses, followed by a substantial independent piece of work, normally in the form of a dissertation. There will be an emphasis on active learning experience in multicultural groups. Reflecting, evaluating and presenting are commonplace and facilitated by simulations, real life case studies and scenario investigations, supported by an electronic learning environment. You will be given the opportunity to pursue in-company projects and business simulations and participate in career development sessions involving essay and exam-answering workshops, CV writing sessions, interview simulations, careers advice shops and job market analysis meetings.

Core courses

- Consumer behaviour
- Global business environment
- International strategic management
- Managing across cultures and comparative management
- Marketing communications
- Marketing ethics and society
- Marketing planning and decision making
- Services marketing
- Strategic marketing management.

Sample optional courses

- Advanced topics in marketing futurecast
- Analytical problems in marketing futurecast
- Business simulation
- Export marketing
- E-marketing strategy
- Internationalisation of SMEs
- Sales management and techniques.

Career prospects

As a graduate you will have all the skills and attributes to pursue strategic marketing and business analyst roles with international and multinational organisations.

Why Glasgow

- You will develop the ability to analyse, evaluate and manage market opportunities within an international context and prepare for a career in both large and smaller enterprises.
- You will have the opportunity to attend networking events and guest speaker lectures by business leaders. Previous speakers have included the head of Amazon UK, Microsoft Scotland, and senior managers from a range of industries.

Management

MSc: 12 months full-time

This programme is for graduates from non-business-related disciplines who want to develop an understanding of modern business principles, including financial information management, managing people in organisations, marketing and strategy.

gla.ac/1QID69D
business-management@glasgow.ac.uk

Programme structure

You will take a series of core courses and optional courses and complete a substantial independent piece of work, normally in the form of a project, dealing with a topical management issue. There are also non-assessed, compulsory workshop programmes, involving participation in a series of reflective learning exercises that include induction events, strategic case analyses and debates.

The taught courses comprise a combination of lectures, seminars, tutorials, simulations, fieldwork and project work, both in groups and individually.

Core courses

- Business management and decision making
- Delivering performance
- Financial information management
- Marketing management
- People in organisations
- Strategic management.

Optional courses

- American business and management in an international context
- Analytical marketing
- Business environment in China
- Business planning
- Contemporary issues in human resources management
- Digital transformation
- E-marketing strategy
- Entrepreneurial finance
- Influencing skills
- Management in the creative industries.

Career prospects

Graduates of this programme will gain skills and attributes to pursue a career with international or multinational corporations as financial analysts, development executives, client services managers, contract managers, human resource managers, property consultants and sales and marketing managers.

Why Glasgow

- You will work with a peer group of like-minded students at a similar stage in their management development with complementary interests and ambitions.
- It is an engaging and stimulating learning experience, with staff and students coming together in a vibrant postgraduate community.

Management with Enterprise & Business Growth

MSc: 12 months full-time

Studies in this area provide you with a detailed understanding of modern business principles, techniques and contextual conditions, paying particular attention to business enterprise and growth.

gla.ac/1Hgu5TJ
business-management@glasgow.ac.uk

Programme structure

You will take a series of core courses and optional courses and complete a substantial independent piece of work, normally in the form of a project, dealing with a topical management issue. There are also non-assessed, compulsory workshop programmes, involving participation in a series of reflective learning exercises that include induction events, strategic case analysis and debates.

The first part of the programme focuses on the building blocks of management, such as strategic management and marketing, while the second half gives you the opportunity to develop specialist knowledge and skills in business growth, innovation and enterprise.

Core courses

- Business management and decision making
- Business planning
- Delivering performance
- Financial information management
- Marketing management
- People in organisations
- Strategic management.

Optional courses

- Digital transformation
- Internationalisation of small and medium enterprises (SMEs)
- Processes of entrepreneurship and innovation.

Career prospects

There is a high demand for managers who can act on their own initiative, take personal responsibility, show leadership potential, and adapt to changing circumstances. As a graduate of this programme, these are the kind of attributes we would expect you to possess. You will also have a specialisation in business growth and enterprise that will give you an advantage in this sector.

Why Glasgow

- On the programme you will work with a peer group of like-minded students at a similar stage in their management development, and with complementary interests and ambitions.
- We celebrate the legacy of Adam Smith by developing enlightened and enterprising graduates and internationally recognised research with real socioeconomic impact.

Management with Human Resources

MSc: 12 months full-time

The programme provides you with a detailed understanding of modern business principles, techniques and contextual conditions, paying particular attention to human resource management.

gla.ac/1IAwo2O
business-management@glasgow.ac.uk

Programme structure

You will take a series of core courses and optional courses and complete a substantial independent piece of work, normally in the form of a project, dealing with a topical management issue. There are also non-assessed, compulsory workshop programmes, involving participation in a series of reflective learning exercises that include induction events, strategic case analysis and debates.

The first part of the programme focuses on the building blocks of management, such as strategic management and marketing, while the second half of the programme will allow you to develop specialist knowledge and skills in human resource management.

The taught courses comprise a combination of lectures, seminars, tutorials, fieldwork and project work, both in groups and individually.

Core courses

- Business management and decision making
- Contemporary issues in human resources management
- Delivering performance
- Financial information management
- Marketing management
- People in organisations
- Strategic management.

Optional courses

- Business environment in China
- Influencing skills
- Learning and development
- Managing diversity in organisations.

Career prospects

As a graduate of this programme, you will have the skills to act on your own initiative, take personal responsibility, show leadership potential, and adapt to changing circumstances. These are the kind of attributes, along with a human resource specialisation, that will give you an advantage when applying for senior management positions.

Why Glasgow

- This programme is designed to enable you to evaluate theories of contemporary human resource management and to understand and prepare for the challenges of managing in culturally diverse and fluid business contexts.
- It is an engaging and stimulating learning experience, with staff and students coming together in a vibrant postgraduate community.

Management with International Finance

MSc: 12 months full-time

The programme provides you with a detailed understanding of modern business principles, techniques and contextual conditions, paying particular attention to international finance.

gla.ac/1ECW1ue
business-management@glasgow.ac.uk

Programme structure

You will take a series of core courses and optional courses and complete a substantial independent piece of work, normally in the form of a project, dealing with a topical management issue. There are also non-assessed, compulsory workshop programmes, involving participation in a series of reflective learning exercises that include induction events, strategic case analysis and debates.

You will learn to use financial reports and information to meet the needs of an organisation.

The taught courses will enhance your ability to interpret data, and give you the tools to compile reports of key findings and recommendations, understandable to managers of all functions.

The taught courses comprise a combination of lectures, seminars, tutorials, fieldwork and project work, both in groups and individually.

Core courses

- Business management and decision making
- Delivering performance
- International corporate finance
- Marketing management
- People in organisations
- Strategic management.

Optional courses

- Entrepreneurial finance
- International banking and financial management (Accounting & Finance)
- Mergers and acquisitions (Accounting & Finance).

Career prospects

There is a high demand for managers who can act on their own initiative, take personal responsibility, show leadership potential, and adapt to changing circumstances. You will also have an international finance specialisation that will give you an advantage in this sector.

Why Glasgow

- You will work with a peer group of like-minded students at a similar stage in their management development, with complementary interests and ambitions.
- It is an engaging and stimulating learning experience, with staff and students coming together in a vibrant postgraduate community.

MBA (Master of Business Administration)

MBA: 12 months full-time

The Glasgow MBA will empower you with the skills and tools needed to become a successful manager. An investment in your future, our MBA matches an ancient tradition of academic excellence with exposure to contemporary business practice.

gla.ac/1QIDvck
business-mba-enquiries@glasgow.ac.uk

Programme structure

Core courses

- Decision making under uncertainty
- Business strategic management
- Strategic foresight.

Optional courses

You have the choice of five optional courses. These will give you the choice to follow three specialist tracks: Finance, Strategy or Marketing. Previous courses have included:

- Business scenarios for consulting
- Company and market failure
- Corporate image, branding and communication
- Entrepreneurial finance
- International financial analysis
- Project leadership and control
- Strategic human resource management
- Supply and logistics management.

Personal and career development

This element runs in parallel to the rest of the programme, beginning immediately after Leadership Foundations. It is made up of five interconnected components: mentorship in leadership and employability; personal development planning; research techniques training and the primary research project of the dissertation. In this course you will undertake a group project to test the skills and techniques you have accumulated through the programme.

Career prospects

The MBA includes the real-life team consulting project, which will help you to develop transferable skills and real-world training during your degree. Whether you want to change fields, advance in your current role, or move into consultancy, the consulting project will help you cut your teeth in new areas while providing tangible benefits to local organisations.

Why Glasgow

- This programme will help you to think critically. You will begin to question what you already know, stripping away preconceived ideas to develop better approaches to life and to business.
- You will benefit from the experience of world-class teaching. Our academics are invited to consult and research with organisations around the world, giving them first-hand insight into how organisations work.

'I chose Glasgow due to the reputation of the Adam Smith Business School. I feel so lucky knowing I am following in the footsteps of some of the most respected economists in history. Glasgow is a beautiful city. What I like most is that the people are easy, outgoing and kind. Additionally, the architecture of Glasgow and the scenery across Scotland makes your stay here more than unforgettable.'

Eirini, Greece
Financial Forecasting
& Investment (MSc) student



EDUCATION

The School of Education is an exciting and stimulating place to study with an expanding research portfolio and strong international links.

- Our school has deep roots within the traditions of the University and the surrounding environment of Scottish higher education. These roots include the heritage of Scottish teacher education, of adult and lifelong learning and of renowned centres for research into educational policy and practice such as the Scottish Centre for Research in Education.
- Across the school there is a strong focus on research relating to the enhancement of teaching and learning and associated issues of access and social justice, with extensive collaboration with government bodies, employers, education authorities, schools, colleges, the voluntary sector and urban and rural regeneration agencies.
- We have developed a wealth of opportunities for those who wish to study with scholars of international reputation across a diverse spectrum of educational thought and practice. You will also benefit from the wide range of research-related events throughout each academic year.
- We offer a number of fully funded PhD scholarships. Suitable candidates are also encouraged to apply for Economic & Social Research Council/ Doctoral Training Centre (ESRC/ DTC) scholarships. See www.glasgow.ac.uk/socialsciences/studentfundingopportunities

Postgraduate research programme

In addition to the traditional research programmes of PhD, MLitt and MSc Research, we offer a Professional Doctorate in Education (EdD) for those who wish to engage with professionally located issues at an advanced level.

Research interests

- Intercultural education
- Education in the creative arts
- Children's literature
- Religion, spirituality and education
- Literacy and education
- Education and technology
- Strengthening science education
- Education for mathematical understanding
- E-learning and online technologies
- Effective learning and teaching
- Curriculum and assessment
- Education for inclusion
- Citizenship
- Teacher professionalism and identity
- Responding to educational inequality and disadvantage
- Social class and gender, and politics
- Ethnicity and education
- Youth, education and society
- Additional support needs
- Adult and continuing education
- Widening participation
- International comparative education
- Education, social capital and regeneration
- Public sector leadership
- Leadership and ethics
- Continuing professional development
- Management and organisations
- School improvement
- STEM education
- Expressive arts education.

Find potential supervisors

You are welcome to contact individual staff members to discuss a potential research topic before applying:

Visit: www.glasgow.ac.uk/education/staff
Tel: +44 (0)141 330 3486
Email: arlene.burns@glasgow.ac.uk

Entry requirements

For entry requirements and how to apply, see page 25.

Scholarships and fees

For scholarships and fees, see pages 26 – 27.

The school has developed a wealth of opportunities for those who wish to study with scholars of international reputation.

Academic Practice

PgCert: 24-36 months part-time

This Postgraduate Certificate, which includes the Teaching and Supervision courses, provides a route for academic staff to show fulfilment of the UK Professional Standards Framework for teaching and supporting learning in higher education.

www.gla.ac.uk/1zYYfZ2
lrc-pgcap@glasgow.ac.uk

Programme structure

The Postgraduate Certificate consists of core and optional courses involving small numbers of participants utilising an interactive, discussion-based classroom approach. You will take two core courses (from the Teaching and Supervision courses) and two optional courses.

Core courses

- Learning and teaching in higher education
- Developing effective supervision practices.

Optional courses

The key areas of learning, teaching and assessment include:

- Course and curriculum design
- Evaluation of teaching practice
- Principles of assessment and feedback
- Research supervisions
- Teaching methodologies including, lecturing, small group work and online learning.

Career prospects

It is likely that you will already be employed within higher education. The professional accreditation and skills you gain should help enhance your career and enable you to gain professional recognition for teaching and supporting learning in higher education.

Why Glasgow

- The programme will help you to develop practices in critical reflection and judgement that you can apply in relation to your own teaching.
- The programme strives to provide practical advice and support to enhance teachers' confidence and ongoing development alongside evidence-based, theoretical approaches to learning, teaching and assessment.

Adult & Continuing Education

MSc: 12 months full-time; 24 months part-time

If you are a professional in the adult education sector, this Masters programme will provide you with a strong theoretical and philosophical underpinning of your practices, as well as excellent research training that you can apply to further study or your own work.

www.gla.ac.uk/1PG7WO0
bonnie.slade@glasgow.ac.uk

Programme structure

Core courses

- Advanced educational research
- Curriculum development
- International issues in adult and continuing education
- Introduction to educational and social research
- Modern educational thought
- The psychology of adult learning.

You will also undertake training in research methods and complete a research project. For the research project you will choose a specific aspect of education for adults and write a dissertation with the support of a supervisor.

Career prospects

Many of our graduates have gained employment in the higher education sector, including the University of Glasgow, the University of Edinburgh and National Taipai University, as University Teachers or working on projects relating to adult education. Other graduates have entered the further education sector and local councils.

Why Glasgow

- If you want to gain a research-based qualification in community education, adult education, human resource development or training, this programme is designed for you.
- You will benefit from our close links to local organisations such as the Workers' Educational Association, as well as other community, further education and higher education institutions.

Adult Education for Social Change (International Master)

IM: 24 months full-time

Adult education is recognised in Europe as a critical element in addressing the key international economic and social challenges of our time. This joint degree is delivered and awarded by four partners within the consortium: the University of Glasgow, the University of Malta, the Open University of Cyprus and Tallinn University.

www.gla.ac.uk/1HKd1Vz
bonnie.slade@glasgow.ac.uk

Programme structure

You will take nine core and two optional courses as well as submitting a dissertation. The programme also includes three adult learning placements. Courses are delivered in Glasgow, Malta and Tallinn. The Open University of Cyprus courses will be delivered at Malta and Tallinn as online courses. The programme also has a summer school in Penang at Universiti Sains Malaysia.

You will have three (possibly four) mobility periods, having the opportunity to spend a semester and a summer at the partner universities.

Core courses

Year 1

- Adult education and social difference
- Adult learning placements (1 & 2)
- Curriculum development in adult education
- International issues in adult education
- Introduction to adult education
- Practical aspects of adult education
- Psychology of adult learning
- Research methods (online).

Year 2

- Adult learning placement (3)
- Social competencies of adult education
- Teaching adult education online
- Theories of change.

Optional courses (summer mobility in Penang)

- Peace studies
- Sustainability.

Career prospects

Our graduates have gained employment in the higher education sector, including international and UK universities, in further education, local councils, adult literacy centres, international non-governmental organisations, private sector companies and healthcare departments.

Why Glasgow

- Glasgow is the leading partner in the consortium of universities that have developed this programme. The other universities are University of Malta, Open University of Cyprus, Tallinn University and Universiti Sains Malaysia.
- A distinctive feature of this programme is the connection between theory and practice, gained through focused placements and mobility periods between the partner universities.

Childhood Practice

MEd: 36 months part-time
PgDip: 24 months part-time

This programme provides a practice-based examination of the theoretical approaches important to leadership and management within childhood practice.

gla.ac/1bOJ21i
mary.wingrave@glasgow.ac.uk

Programme structure

You will take four core courses and two placement courses.

The taught component will be delivered through a combination of lectures, seminars, tutorials and group project work.

You will develop the research, writing and professional skills to enable you to register with Scottish Social Services Council at manager level.

Core courses

- Childhood practice: building a professional learning community
- Leading improvements in childhood practice
- Contemporary perspectives on children and childhoods
- Practitioner enquiry and decision making.

Career prospects

If you have a leadership role in childhood practice settings (or are looking for such a role) the programme will enhance your personal and professional development.

Why Glasgow

- On successful completion of the programme you will meet the requirements of the Standard for Childhood Practice (Scottish Social Services Council, 2007).
- Students who successfully complete the Postgraduate Diploma in Childhood Practice will be given the opportunity to progress to Masters and undertake the dissertation element.

Children's Literature & Literacies

MEd: 12 months full-time;
24/36 months part-time

This programme is the only programme in Scotland dedicated to children's and young adults' literature as a primary resource and a field of academic study. You will develop a specialisation that is highly valued in professions such as education, library services and children's media.

gla.ac/1G5COGJ
evelyn.arizpe@glasgow.ac.uk

Programme structure

You will take five core courses, one optional course and produce a dissertation based on a specialised topic.

Core courses

- Reframing language, literature and literacies for 21st century life
- Texts for children: from the printing press to virtual reality
- Introduction to educational and social research
- Modern educational thought
- Children's literature and literacies: critical enquiry
- Professional enquiry.

Optional courses

- Texts for diversity: language across learning for children with English as an additional language
- Texts for children: visual and multimodal
- Further options may be drawn from courses offered on the MEd in Educational Studies.

Career prospects

This programme is an excellent source of professional development if you are already working in education, library services or children's media, or are looking to move into these areas.

Why Glasgow

- The programme gives you the opportunity to take a literary and critical approach to well-loved texts, as well as to contemporary authors whose texts push the boundaries of children's literature.
- The programme takes into account new developments in the production of texts for children using multimodal forms and digital technologies.

Community Learning & Development

MEd: 12 months full-time; 24 months part-time
PgDip: 9 months full-time; 18 months part-time

This programme gives you the opportunity to study the theoretical and practical dimensions of community learning and development (CLD). It will equip you with the skills and knowledge to work alongside people in communities to effect sustainable social change.

gla.ac/1JcmvZE
dave.beck@glasgow.ac.uk

Programme structure

Core courses

- Models of community and development
- Social theories for community learning and development
- Empowerment strategies for community learning and development
- Educational approaches to community learning and development
- Practice placement
- Research project (MEd only).

The practice placement gives you an opportunity to apply the theories and values you have learned and demonstrate your competence as a practitioner in a community learning development setting. You will plan, implement and evaluate practice and analyse it with regard to the theoretical aspects of the programme.

Career prospects

You will have many employment opportunities open to you in the areas of community development work, youth work, health, housing and social and economic regeneration. With this accredited CLD Standards Council for Scotland qualification, graduates will have the opportunity to work for local authorities, the voluntary sector and further and higher education institutions.

Why Glasgow

- If you want to discover ways in which you can help people realise their potential and work together for a fairer, healthier and happier world, this may be the programme for you.
- You will be awarded a professional qualification in Community Learning and Development upon successful completion of the PgDip, accredited by the Community Learning and Development Standards Council in Scotland.

Doctorate in Education (Research)

EdD Online Distance Learning:
60 months part-time

This is an innovative programme offering a professionally relevant and academically rigorous opportunity for advanced study in education. The programme is designed for professionals at all levels in education, training and development, and in education-related fields.

gla.ac/1e0MVSg
penny.enslin@glasgow.ac.uk

Programme structure

Years 1, 2 and 3

Six taught courses each lasting one semester and each with one weekend in Glasgow. These courses are currently:

- Critical reflection in professional learning and practice
- Education policy
- Educational futures
- Ethics and education OR Lifelong learning
- Open studies one: Advancing research methods
- Open studies two: Applying research methods.

Years 3 and 4

Work towards the submission of a dissertation of 50,000 to 60,000 words, supported by an appropriate supervisor.

You normally undertake two courses per year. Progressing at a normal pace, successful candidates can complete the Doctorate in five years. However, we realise that circumstances occasionally mean participants need to take a break from studies and the programme allows candidates to suspend their studies for a limited time period.

Career prospects

This programme will give you the skills and confidence to further advance your career to the highest levels in education and education-related fields.

Why Glasgow

- The Doctorate is comparable to a PhD in terms of scale and rigour. It differs in that it provides a structured programme of advanced study that is relevant to your profession and focused on the inter-relationship of research, policy and practice.
- There is a focus on collaborative learning, drawing on your own experiences and those of your academic colleagues.

Education (Primary/Secondary)

Postgraduate Diploma in Education (PGDE): 10 months full-time

This is a Masters-level qualification in teacher education.

gla.ac/1bOJv3t
education-admissions@glasgow.ac.uk

Programme structure

The programme will prepare you to meet the demands of the profession through the following areas of study:

- Understanding learning and teaching
- Learning and teaching in the primary curriculum OR Learning and teaching in the secondary curriculum
- Professional enquiry
- Religious education (students who complete this course will be awarded the Catholic Teacher's Certificate in Religious Education)
- School placements.

Secondary teaching qualifications are offered in the following subjects:

- Art and design
- Biology
- Business education
- Chemistry
- Computing
- English
- Geography
- History
- Mathematics
- Modern languages (French, French with Spanish, French with Italian, French with German, Spanish with French)
- Modern studies
- Physics
- Religious education.

Career prospects

You will have the General Teaching Council for Scotland qualification to pursue teaching roles in primary and secondary schools.

Why Glasgow

- If you are an aspiring teacher, this programme will provide you with the knowledge, skills and values you need to become the committed professional necessary for today's schools.
- As well as offering courses in educational and curricular issues, the programme also highlights the importance of practitioner enquiry. This systematic reflection on teaching in the classroom gives the programme its distinctive Masters character.

Educational Studies

MEd: 12 months full-time; 24 months part-time

This programme deepens your understanding of education so that you can better analyse the practice, provisions and policy that are critical within your own professional context.

gla.ac/1FjTOUj
catherine.fagan@glasgow.ac.uk

Programme structure

You will complete six courses: four core courses and two courses chosen from a range of options. In addition, you will complete a dissertation supported by a supervisor who is allocated on the basis of their expertise in the topic chosen by you.

Core courses

- Modern educational thought
- Introduction to educational and social research
- Seminar on contemporary issues
- Advanced educational research.

Optional courses

These are chosen from a range (which may vary from year to year) including

- International and comparative education
- Advanced educational research
- Social, emotional and behavioural difficulties
- The learner and the curriculum
- Developing literacy
- Highly able pupils
- Inclusive classrooms, inclusive pedagogies
- The evolving concept of inclusion
- Work-related learning
- Curriculum development in adult education
- The psychology of adult learning
- International issues in adult education
- Perspectives of youth and young adulthood
- Young people, learning and development
- Educational psychology
- Developmental psychology.

Please note that optional course availability is dependent on student numbers.

Career prospects

The programme will support your career development as a Class Teacher, Lecturer, Policy Developer, Special Education Professional, Head Teacher, Education Administrator or Researcher.

Why Glasgow

- This programme is designed for people from a range of backgrounds and at different stages in their careers.
- Principals, Head Teachers, Teachers, Lecturers and Educational Administrators are among those who have previously gained the degree.

Educational Studies

MSc: 12 months full-time; 24 months part-time

This programme deepens your understanding of education so that you can better analyse the practice, provisions and policy that are critical within your own professional context.

gla.ac/1PG9tDu
catherine.fagan@glasgow.ac.uk

Programme structure

You will complete six courses: four core courses and two courses chosen from a range of options. In addition, you will complete a dissertation supported by a supervisor who is allocated on the basis of their expertise in the topic chosen by you.

Core courses

- Modern educational thought
- Introduction to educational and social research
- Seminar on contemporary issues
- Advanced educational research.

Optional courses

These are chosen from a range (which may vary from year to year) including

- International and comparative education
- Social, emotional and behavioural difficulties
- The learner and the curriculum
- Developing literacy
- Highly able pupils
- Inclusive classrooms, inclusive pedagogies
- The evolving concept of inclusion
- Work-related learning
- Curriculum development in adult education
- The psychology of adult learning
- International issues in adult education
- Perspectives of youth and young adulthood
- Young people, learning and development
- Educational psychology
- Developmental psychology.

Please note that optional course availability is dependent on student numbers.

Career prospects

The programme will support your career development as a Class Teacher, Lecturer, Policy Developer, Special Education Professional, Head Teacher, Education Administrator or Researcher.

Why Glasgow

- This programme is designed for people from a range of backgrounds and at different stages in their educationally focused careers.
- This programme is for people who are interested in entering the academic field of education from different perspectives such as education administration and strategy development.

Inclusive Education: Research, Policy & Practice (MEd)

MEd: 12 months full-time;
72 months (maximum) part-time

This programme is designed to address contemporary issues in inclusion/special education. If you are a teacher involved in inclusive education/special education, this programme is designed to promote your understanding of the issues and practices relevant to this area.

gla.ac/1L1xswd
margaret.sutherland@glasgow.ac.uk

Programme structure

You will take four core courses and two optional courses, which you can choose according to your specialist interests. In addition you will complete a 12,000 – 15,000 word dissertation, under supervision, that will provide you with the opportunity to investigate, in greater depth, an issue that is relevant to your professional development and teaching context.

Core courses

- Evolving concept of inclusion
- Introduction to educational and social research
- Modern educational thought
- The learner and the curriculum.

Optional courses

- Developing literacy
- Highly able learners
- Inclusive classrooms, inclusive pedagogies
- Identities, relationships and behaviours
- Social and emotional and behavioural difficulties.

Career prospects

The programme will support your career development as a Class Teacher, Lecturer, Policy Developer, Special Education Professional, Head Teacher, Education Administrator or Researcher.

Why Glasgow

- Our research-informed courses will help you to think about practice and policy in the light of current educational thinking and enable you to consider how an inclusive education system might operate in schools and other educational institutions.
- You can tailor research projects to provide the maximum relevance and benefit to your interests and work.

Inclusive Education: Research, Policy & Practice (PgDip/PgCert)

PgDip: 24 months part-time
PgCert: 12 months part-time

These programmes are designed to address contemporary issues in inclusion/special education. If you are a teacher involved in inclusive education/special education, this programme is designed to promote your understanding of the issues and practices relevant to this area.

gla.ac/1RDs72E
margaret.sutherland@glasgow.ac.uk

Programme structure

Day and evening classes take place on the main campus of the University. The Distance Education programme includes structured materials and a face-to-face session on campus (usually a Saturday).

On the PgCert you will take three courses including two core courses and one optional course. Students who continue on to the PgDip will take one additional optional course and a practitioner enquiry based research course.

Core courses

- The evolving concept of inclusion
- The learner and the curriculum.

Optional courses

- Developing literacy
- Highly able learners
- Inclusive classrooms, inclusive pedagogies
- Identities, relationships and behaviours.

Career prospects

The programme will support your career development as a Class Teacher, Lecturer, Policy Developer, Special Education Professional, Head Teacher, Education Administrator or Researcher.

Why Glasgow

- Our research-informed courses will help you to think about practice and policy in the light of current educational thinking and enable you to consider how an inclusive education system might operate in schools and other educational institutions.
- You will discuss recent theories related to many of the conditions and labels associated with special educational needs/additional support needs and have the opportunity to develop practice that takes account of these within an inclusive framework.

Learning & Teaching in Higher Education

MEd Online Distance Learning:

36 months part-time

PgDip Online Distance Learning:

24 months part-time

PgCert: 12 months part-time (one week face-to-face teaching in Glasgow at the start of the year, otherwise distance learning)

This programme offers the opportunity to deepen your understanding of academic practice within the university setting.

gla.ac/1bOKsJc
lrc-medlthe@glasgow.ac.uk

Programme structure

The first week of the programme for the PgCert is taught face-to-face at the University of Glasgow. The remainder is taught entirely online, allowing flexibility for you to balance your study and work commitments.

Core courses

Year 1

- Course 1: Designing effective learning and teaching in higher education
- Course 2: Evaluating learning, teaching and assessment in higher education
- Course 3: Developing as a teacher in higher education: responding to learners.

Courses 1 – 3 complete the PgCert in Learning & Teaching in Higher Education.

Year 2

- Course 4: Exploring key themes in academic practice
- Course 5: Evaluating the quality of higher education research
- Course 6: Designing higher education research.

Courses 1 – 6 complete the PgDip in Learning & Teaching in Higher Education.

Year 3

- Course 7: Dissertation in Learning & Teaching in Higher Education

Course 7 completes the MEd Learning & Teaching in Higher Education.

Career prospects

The professional accreditation and skills you gain during this programme should help enhance your career in the higher education sector.

Why Glasgow

- This is Scotland's only distance learning Masters programme in Learning & Teaching in Higher Education.
- Upon successful completion of the first 60 credits of this programme (the Postgraduate Certificate in Learning & Teaching in Higher Education) you will be eligible for professional accreditation with the Higher Education Academy.

Learning & Teaching of Modern Languages in the Primary School

PgCert: 15 months part-time

The programme will give you a better understanding of foreign language learning and teaching processes in a primary setting. It has a focus on the interrelationship between theoretical understanding and practice.

gla.ac/1HgxPES
hazel.crichton@glasgow.ac.uk

Programme structure

Core courses

- Language acquisition and language learning and teaching
- Language and culture
- Language and knowledge about language.

Career prospects

It is likely that you will already be employed within education. The professional development you gain on this programme should help enhance your career.

Why Glasgow

- If you are a primary teacher, this programme is designed to develop your competence and confidence in the classroom.
- It is of particular relevance to the teaching of modern languages within the Scottish Government's Curriculum for Excellence framework.

Middle Leadership & Management in Schools

PgCert: 24 months part-time

This programme for practising teachers covers the major elements of middle leadership and management in schools and is designed to provide you with a critical understanding of the principles underpinning middle leadership and management.

gla.ac/1Hdir9u
mike.carroll@glasgow.ac.uk

Programme structure

Each course combines a taught element, a distance learning element and an assignment drawing from your work in school. You will also participate in online activities to support the development of practice-focused tasks and assignments.

Core courses

- Building a professional learning community
- Leadership for learning
- Leading improvement in learning.

Progression

This PgCert forms part of the MEd Professional Learning and Enquiry degree programme.

Career prospects

As a graduate you would have all the necessary attributes to progress into, or enhance your capabilities in, a leadership role within schools.

Why Glasgow

- If you are a Principal Teacher (or head of department/faculty), or are looking to progress into this role, and want to develop your skills as middle leaders in school, this programme is designed for you.
- It uses practice-focused learning to develop your capability to lead teaching and learning within your school (department or faculty); particularly to achieve the ambitions of Curriculum for Excellence.

Museum Education

MEd: 12 months full-time;
24 months part-time
This programme is subject to approval

This programme is intended to stimulate engagement with learning in and through museum contexts. Experiential learning in exciting settings will form the basis of study for students who are interested in understanding about the value and importance of museum education in the 21st century.

gla.ac/1Hy4zIE
monica.callaghan@glasgow.ac.uk

Programme structure

The course will:

- Provide insight into the role of museums as valuable learning resources for all ages
- Consider the diversity of teaching and learning opportunities; outreach, physical and intellectual access and the ethics and interpretation of cultural assets
- Develop skills and knowledge to support the creation and delivery of teaching and learning using collections, as well as programme development in formal and informal settings
- Debate the challenges and practical issues surrounding project development and funding
- Evaluate integrated learning through collections in formal and informal education, considering the diversity of learning communities
- Combine academic study and research with practical teaching and learning experience using cultural assets
- Increase understanding of historic, contemporary and cultural influences on use of collections in teaching and learning
- Consider the impact of digital resources, communications including new media technology and social networking on learning in the cultural sector.

Career prospects

In particular, this programme will interest those working as or aspiring to work as Teachers, Gallery and Museum Educators, Heritage Interpreters, Curators, Archaeologists, Arts Administrators and Artists.

Why Glasgow

- Understanding the role of museums and collections in developing important skills and knowledge sets – cultural, political, creative, problem solving, persuasive oral and written communication etc – will provide a strong foundation for those already working in or hoping to work in educational and museums settings.
- The Masters in Museum Education will provide an excellent platform from which to identify the interface between educational innovation and thinking with the rich resources and concepts that the museum can offer.

Professional Learning & Enquiry

MEd: up to five years part-time on modular basis

This programme is designed for practising teachers who are either in or aspiring to leadership roles in education. The programme will cover the major elements of leadership and management in education and is designed to provide you with a critical understanding of the principles underpinning leadership and management.

gla.ac/1FjV3JV
mike.carroll@glasgow.ac.uk

Programme structure

The MEd has three phases of study:

Years 1 and 2

An entry Postgraduate Certificate linked to your professional experience, particularly experience in a promoted post:

- Teacher leadership
- Middle leadership and management.

Year 3

Two optional courses selected from one of the following areas of study:

- Middle leadership and management
- Leading professional learning
- Supporting pupil learning
- Futures and international perspectives
- Wider perspectives within educational studies.

Year 4 and 5

Planning and designing a practitioner enquiry followed by practice-focused dissertation.

Career prospects

It is likely that you will already be employed within education. The professional development you gain on this programme should help enhance your career. The programme also provides an excellent platform for you to move on to doctoral studies and an academic career.

Why Glasgow

- If you are a teacher and looking to develop your understanding of teacher leadership and/or progress into the role of Principal Teacher (or Head of department/faculty), this programme is designed for you.
- You will benefit from a combination of academic and practice-focused learning to develop your capability to lead teaching and learning within your school (or department/faculty), particularly to achieve the ambitions of Curriculum for Excellence.

Professional Practice with PGDE

MEd: 18 months part-time

The MEd in Professional Practice is taken after you have completed your Postgraduate Diploma in Education at the University of Glasgow and wish to complete the remaining credits in order to gain a Masters qualification.

gla.ac/1zZMr9f
moira.hulme@glasgow.ac.uk

Programme structure

There will be two intakes for this course, one starting in September and one in January. The programme is offered in two courses which you will take online with tutor and peer support. There will also be seminar days (international students can participate via Skype).

Career prospects

The majority of our graduates will pursue teaching roles in primary and secondary schools.

Why Glasgow

- As a new teacher starting out in your career, this programme will develop an ability to be critically reflective and explore your own practice in order to improve it.
- It will also provide guidance into the ethical practice habits you need to embed into your own teaching.

Psychological Studies

MSc: 12 months full-time

This British Psychological Society (BPS) accredited conversion programme is designed to provide you with a broad and critical awareness of psychological theory and practice. You will be provided with opportunities which allow you to focus on aspects of psychology with particular relevance to your own experience and interests.

gla.ac/1FjVeos
georgina.wardle@glasgow.ac.uk

Programme structure

You will take eight core and two optional courses, followed by a research project/dissertation. Additional programme elements include attendance research project sessions designed to support you in your dissertation throughout. You will also be allocated an academic supervisor to advise you on your individual research project.

Core courses

- Cognitive psychology
- Conceptual and historical issues in psychology
- Developmental psychology
- Individual differences
- Physiological psychology
- Research methods 1
- Research methods 2
- Social psychology.

Optional courses

- Advanced qualitative methods
- Atypical development
- Clinical health psychology
- Current issues in psychology
- Educational psychology
- Perception and visual cognition
- Professional skills.

Career prospects

As this programme is accredited by the British Psychological Society, successful graduates from the programme are eligible for the Graduate Basis for Chartered Membership of the Society (GBC). Our graduates have successfully progressed to further professional training in the field of psychology.

Why Glasgow

- If you are considering a change in direction, to pursue a career, either academic or professional, in psychology, successful completion of this programme will confer eligibility for BPS Graduate Basis for Chartered Membership (GBC).
- You will develop a range of transferable intellectual and practical skills which are easily adaptable to the labour market and attractive to employers.

Religious Education by Distance Learning (CREDL)

Cert Online Distance Learning:
24 months part-time

This programme is recognised by the Bishops of Scotland as a preliminary qualification in generalist Catholic religious education for those who wish to teach religious education in Catholic primary or secondary schools.

gla.ac/1lx5lgl
denise.porada@glasgow.ac.uk

Programme structure

Core courses

- Theological education and personal development
- Pedagogy and development in religious education.

For each course you will produce a portfolio, a 1,500-word essay and a report on a relevant CPD activity.

Career prospects

As a graduate you would have all the necessary attributes and accreditation to progress into teaching roles within Catholic education.

Why Glasgow

- The Certificate in Religious Education by Distance Learning (along with the necessary church approval) will allow you to teach in Catholic schools.
- It will provide you with the requisite understanding of the main tenets of Catholic Christian theology, the Catholic vision of education and the methodology appropriate to Catholic religious education.

School Leadership & Management (Scottish Qualification for Headship)

PgDip: 24 months part-time

This is the preparation development programme for aspiring Head Teachers in Scotland. The programme combines the professional award of the Scottish Qualification for Headship with the academic award of the PgDip.

gla.ac/1QIwSa
christine.forde@glasgow.ac.uk

Programme structure

The focus of the programme is on the development of leadership in schools and to enable participants meet the Scottish professional standard, the Standard for Headship.

The programme consists of four units:

- Educational leadership
- Improving capability
- Leading to improve learning part 1
- Leading to improve learning part 2.

The programme uses a blended learning approach, including taught elements, distance learning and collaborative peer and group learning as well as practice-based learning, in which you undertake whole school management development projects.

Career prospects

As a graduate you would have all the necessary attributes for senior leadership and headship positions within schools.

Why Glasgow

- This programme has been running successfully across Scotland and has been recently revised and re-accredited with the General Teaching Council for Scotland.
- The programme is delivered by staff who work with a range of national and international groups in supporting leadership development at all levels in the school.

Teacher Leadership & Learning

PgCert: 24 months part-time

This programme for practising teachers covers the major elements of teacher leadership and learning in schools and is designed to provide you with a critical understanding of the principles underpinning middle leadership and management. It will create structured and coherent opportunities to apply these principles to your own practice.

gla.ac/1JGTrHZ
mike.carroll@glasgow.ac.uk

Programme structure

Each course combines a taught element, a distance learning element and an assignment drawing from your work in school. You will also participate in online activities to support the development of practice-focused tasks and assignments.

Core courses

- Developing as a leader
- Leading a project
- Working collaboratively.

Career prospects

As a graduate you would have all the necessary attributes to progress into, or enhance your capabilities in, a leadership role within schools.

Why Glasgow

- This programme is for teachers looking to develop their understanding of pedagogic leadership and/or progress into the role of Principal Teacher (or Head of department/faculty); and to develop skills as a leader of learning in the classroom.
- It uses practice-focused learning to develop your capability to lead teaching and learning within your school (or department/faculty); particularly to achieve the ambitions of Curriculum for Excellence.

Teaching Adults

MSc: 12 months full-time; 24 months part-time
PgDip: 9 months full-time; 18 months part-time

This programme provides a strong grounding in the practices used in teaching adults, as well as an opportunity to conduct a practice-related research project.

gla.ac/1zZMTnT
bonnie.slade@glasgow.ac.uk

Programme structure

You will take a taught component of four core courses alongside the work placement. For the MSc you will also complete a supervised research project of between 12,000 and 15,000 words.

The teaching segment provides great opportunities to build professional and personal relationships through seminars, fieldwork and self-directed or group projects.

You will have the opportunity to gain real-life experience in the area of adult education through the adult learning placement. The placement gives you the opportunity to relate theory to practice within an adult learning organisation of relevance and interest to you.

Core courses

- The psychology of adult learning
- Modern educational thought
- International issues in adult and continuing education
- Curriculum development in adult and continuing education.

Career prospects

Many of our graduates have gained employment in the higher education sector, including international and UK universities. You could also find roles in adult education for local councils, healthcare departments and adult literacy.

Why Glasgow

- The programme is open to people with little or no experience in teaching adults, but also works well for those with more knowledge of the field.
- The programme combines a good background in the theories and history of teaching adults with a substantial placement component.

TESOL: Teaching of English to Speakers of Other Languages (MEd)

MEd: 12 months full-time; 24 months part-time

This programme is for the mid-career professional and covers contemporary issues in education. The programme's specific focus is on the teaching of English to speakers of other languages (TESOL) with a special emphasis on how theory relates to practice.

gla.ac/1HdiTV7
julie.e.mcadam@glasgow.ac.uk

Programme structure

You will take three core and three optional courses. You will also have the opportunity to investigate and produce a dissertation on an issue relevant to your professional development and teaching context.

Core courses

- Language learning and applications to the classroom
- Descriptions of language and applications to the classroom
- Introduction to educational and social research.

Optional courses

- Advanced educational research
- Course design and practice in English Language Teaching
- Developing literacy
- Educational management and leadership
- Highly able pupils
- Language proficiency assessment and feedback
- Modern educational thought
- Social, emotional and behavioural difficulties
- Teaching English for academic purposes
- Which English? Sociolinguistics and language teaching.

Career prospects

Career opportunities include positions as an English language teacher, course designer, test designer, course director and teacher educator.

Why Glasgow

- This programme draws on the combined experience of the School of Education and the University's long-established English as a Foreign language Unit (EFL) to deliver a strong research practice-based degree.
- You will be encouraged to take a broader view of the links between classroom activity and approaches to programme design, teacher training, management and policy decisions.

TESOL: Teaching of English to Speakers of Other Languages (MSc)

MSc: 12 months full-time; 24 months part-time

This programme is for those interested in entering the TESOL field to follow or develop a career as an English language teacher but who at present have limited or no teaching experience.

gla.ac/1e0Peov
carole.macdiarmid@glasgow.ac.uk

Programme structure

Initially, you are introduced to the principles of teaching and learning. The emphasis is on relating theory to practical applications through lecture input, workshops and seminar discussions. As the programme progresses you also have the opportunity to specialise through your choice of two optional courses. With the support of your supervisors you will also explore a TESOL topic in depth and complete a dissertation.

Core courses

- Classroom processes
- Descriptions of language
- Developing professional practice
- Introduction to social and educational research.

Optional courses

- Advanced educational research.
- Developing literacy
- Inclusive classrooms – inclusive pedagogy
- Language proficiency, assessment and feedback
- Modern educational thought
- Social emotional and behavioural difficulties
- Teaching English for academic purposes
- The education of highly able pupils
- Which English? Sociolinguistics and language teaching.

Career prospects

The programme is specially designed for those wishing to enter the field of teaching English as a foreign language.

Why Glasgow

- You will be provided with 'hands-on' opportunities to deliver supported, mentored teaching practice.
- There is a focus on collaborative learning, drawing on your own experiences and those of your academic colleagues.

Young People, Social Inclusion & Change

MSc: 12 months full-time; 24 months part-time

This programme introduces the key issues and decision-making processes that impact on young people's lives across contexts, including education, leisure, training and the labour market, housing and household information.

gla.ac/1K5UYut
lesley.doyle@glasgow.ac.uk

Programme structure

You will take four core courses, two optional courses and a dissertation. The dissertation gives you the opportunity to investigate an area of young people's lives in-depth.

Core courses

- Introduction to education and social research
- Perspectives on youth and young adulthood
- Modern educational thought
- Young people, learning and development.

Sample optional courses

- Curriculum development in adult education
- Developing literacy
- Identities, relationships and behaviours
- Inclusive classrooms, inclusive pedagogies
- International and comparative education
- Managing change *
- Managing innovation and creativity *
- Marketing management *
- Models of community and development
- Project management *
- Rehabilitation and desistance from crime
- Sexualities and society
- The disabling society
- The evolving concept of inclusion
- The learner and the curriculum
- The psychology of adult learning
- Understanding public policy.

* Please note: These courses, offered by the Adam Smith Business School, are worth 10 credits each and are undertaken in pairs.

Career prospects

If you work directly with young people – Teacher, Youth Worker, Police Officer, Probation Officer, Health Worker – the programme is an excellent step in your professional development. It also provides a foundation for an academic career.

Why Glasgow

- The programme is aimed at early and mid-career professionals who wish to explore how young people's lives are changing in modern societies and the ways they are affected by the processes of social change.
- You will be taught by researchers in the field of youth and young adults who have experience working with organisations such as the UN, the Council of Europe, the European Commission, UK local and national government and the Scottish Government.

INTERDISCIPLINARY STUDIES

Based at our rural campus in Dumfries, the school offers an interdisciplinary approach, drawing on expertise from the sciences, social sciences, arts and humanities.

- Our school places a strong emphasis on sustainability and on environmental issues of the present – and the future, in their scientific, cultural and economic contexts. Our subject areas identify themes important to rural regions throughout the world and are the focus of the Solway Centre for Environment & Culture and for the Crichton Institute, our research hubs at Dumfries.
- Our school also has a significant track record in research in the areas of social policy and health and wellbeing, including ageing, palliative and end-of-life care. It is home to the prestigious Wellcome Trust project 'Global Interventions at the end of life'.
- While never losing sight of wider national and international issues and contexts the school uses its setting as a natural living laboratory with placement providers and fieldtrip destinations across the region, including Scotland's first UNESCO Biosphere.
- Small group teaching is at the heart of our interdisciplinary ethos which makes use of excellent local, national and international links. We believe in delivering a truly international educational experience for our students.
- Prestigious Scottish Funding Council Awards are available to high-calibre applicants for the MLitt Environment, Culture & Communication, the MSc Tourism, Heritage & Sustainability and MSc Enhanced Practice in Education. See www.glasgow.ac.uk/socialsciences/studentfundingopportunities for details.

Research interests

- Renewable energy and climate change
- Environmental humanities, and creative writing
- Tourism and heritage
- Hospice, palliative and end-of-life care
- Science and technology studies
- Public health, wellbeing and ageing
- Political philosophy
- Environmental sustainability and land management
- Social policy
- Community studies
- Social enterprise
- History and sociology of science and technology
- Scottish history and Scottish studies
- Scottish literature
- Folk belief and popular culture.

Find potential supervisors

You are welcome to contact individual staff members to discuss a potential research topic before applying:

Visit: www.glasgow.ac.uk/research/opportunities/subjects/interdisciplinarystudies
Tel: +44 (0)1387 702024
email: david.borthwick@glasgow.ac.uk

Entry requirements

For entry requirements and how to apply, see page 25.

Scholarships and fees

For scholarships and fees, see pages 26 – 27.

The school uses its setting as a natural living laboratory with placement providers and fieldtrip destinations across the region.

Enhanced Practice in Education

MSc: 12 months full-time; 24 months part-time

This programme will provide you with the opportunity to develop confidence and skills to apply the principles of practitioner-based enquiry in education within your own work-settings in order to initiate beneficial changes to the organisations in which you work.

www.gla.ac.uk/1gcAXWS
shaista.shirazi@glasgow.ac.uk

Programme structure

You will take four core and two optional courses, followed by a research project to be completed over the summer months. The research project can be in the form of a dissertation or practice based, and provides an opportunity for you to identify an area of personal interest to explore in more detail.

Core courses

- Advanced research methods
- Leadership and management
- Reflective practice and action research
- Working in an inter-agency environment.

Optional courses

- Climate change: Impacts on ecology
- Critical perspectives on knowledge and power
- Critical thinking and communication
- Environment, technology and society
- Environmental communication
- Environmental ethics and behavioural change
- Environmental politics and society
- Reading the environment
- Tourism, sustainability and climate change
- Writing the environment.

Career prospects

After the programme, you will have all the necessary attributes to progress into, or enhance your capabilities, in a leadership role within your organisation. If you work directly with young people – Teacher, Youth Worker, Police Officer, Probation Officer, Health Worker – the programme is an excellent step in your professional development. It also provides a foundation for an academic career. If you are looking for a leadership role in childhood practice settings, the programme will enhance your personal and professional development.

Why Glasgow

- This programme is designed for people at different stages in their professional careers from a range of backgrounds in education and allied fields such as social work, health and policing.
- There is a focus on collaborative learning, drawing on your own experiences and those of your academic colleagues.

Environment, Culture & Communication

MLitt: 12 months full-time; 24 months part-time



This programme is concerned with the relationships we hold with our 'wild' environments, and how these evolved. You will develop a knowledge of environmental debates from both cultural and scientific perspectives, and learn to communicate environmental issues using a variety of tools and strategies.

www.gla.ac.uk/1RDvN4F
david.borthwick@glasgow.ac.uk

Programme structure

There is a choice of project work: you can choose to engage with a particular contemporary environmental issue or case study, OR to undertake a personal interaction with the features of a particular location, examining notions of place creatively.

The final assessment is a 12,500-word dissertation, through which you can develop and demonstrate independent research skills.

Core courses

- Reading the environment: old and new world romanticisms
- Environmental communication *
- Writing the environment: modern and contemporary nature writing
- Environmental politics and society *.

* You must take at least one of these courses.

Optional courses

- Climate change: impacts on ecology
- Environment, technology and society
- Environmental ethics and behavioural change
- Tourism, sustainability and climate change.

Career prospects

Graduates are prepared to enter fields from environmental journalism and education, to public relations, advertising and consultancy roles. The interdisciplinary nature of the programme means your skills are also tailored towards emerging fields such as negotiating between scientific fact and cultural understanding of climate change, and the 'anticipatory history' that must inform landscape management in the future. Graduates have gone on to work for environmental NGOs and ecological arts organisations, and undertaken further study at PhD level.

Why Glasgow

- This programme focuses on the emerging subject area related to ecocriticism and green studies in order to better understand environmental issues from multiple perspectives.
- Teaching is closely linked with the Solway Centre for Environment & Culture, a research centre providing opportunity for further research and collaboration.

Environmental Science, Technology & Society

MSc: 12 months full-time; 24 months part-time

This programme examines the social, political and cultural implications of environmental science and technology. You will learn to assess scientific and technological innovations as potential solutions to environmental issues.

www.gla.ac.uk/1zZ3JmA
sean.johnston@glasgow.ac.uk

Programme structure

This programme trains professionals, decision-makers and students in the social implications of environmental issues, particularly in relation to technologies as potential solutions. It focuses on responsible innovation.

Teaching is through a combination of methods including lectures, seminars, case studies and a programme of guest speakers. You will have the opportunity to study alongside students on related postgraduate programmes.

Core courses

- Environment, technology and society
- Environmental communication
- Environmental ethics and behavioural change
- Environmental politics and society.

You will also complete a dissertation.

Optional courses

You will choose up to two from:

- Climate change: impacts on ecology
- Reading the environment: modern and contemporary nature writing
- Tourism, sustainability and climate change
- Writing the environment: old and new world romanticisms.

Career prospects

As a graduate you will be able to pursue a career in technology assessment, environmental management, policymaking and analysis, with government agencies, environmental consultancies, and private companies. The degree also aims to empower active citizens by providing the skills and understandings to underpin successful environmental campaigns. The degree is also an excellent first step towards a PhD in topics related to the wider implications of our environmental and societal choices.

Why Glasgow

- This programme addresses the wider social and political dimensions behind our scientific and technological choices concerning the environment, using a global approach.
- We provide interdisciplinary teaching, combining solutions from science and engineering with the sensitivities of sociology, history, ethics and politics.

Tourism, Heritage & Development

MSc: 12 months full-time; 24 months part-time

This programme builds your understanding of the tourism, heritage and development sectors. You will examine these three areas both individually and collectively, taking an in-depth look at the relationships between them.

gla.ac/1H2W8k7
donald.macleod@glasgow.ac.uk

Programme structure

You will be taught through a combination of lectures, seminars, tutorials, fieldwork and project work. Some of the courses will also include study trips.

You will complete three core courses and three optional courses, followed by a dissertation (which may include a work placement).

Subject areas you will study include:

- international development, including globalisation, dependency and sustainability development strategies
- built heritage such as archaeological remains, castles, monuments and vernacular architecture
- arts heritage such as literature, painting and music, as well as language and customs
- natural heritage and ecotourism.

Core courses

- Tourism and regional development
- Heritage, interpretation and development
- Heritage, management and context.

Optional courses

- Climate change: Impacts on ecology
- Environment, technology and society
- Environmental communication
- Environmental ethics and behavioural change
- Environmental politics and society
- Reading the environment
- Tourism, sustainability and climate change
- Writing the environment.

Career prospects

There are a number of interesting roles within tourism and heritage bodies in the public and private sectors, such as working for tour companies, heritage attractions, museums, and hotel groups. You could also work as a consultant in business, as part of a local government team or on planning bodies. In addition there are jobs available in education, particularly at college and university level. Your degree may enable you to consider studying for a research degree to consolidate your expertise.

Why Glasgow

- The programme is international in scope. We use examples from Europe, the Americas and Asia, as well as Scotland and the UK.
- The programme offers tourism, heritage and development topics together, drawing upon a multidisciplinary team to do this. You will also benefit from the combined industry experience of our guest lecturers.

Tourism, Heritage & Sustainability

MSc: 12 months full-time;
24 months part-time



This programme uses academic approaches from the social sciences and the arts to investigate key themes. These include motivation, impacts, sustainable development, cultural and natural heritage, interpretation and management within this field.

gla.ac/1L1yMzh
donald.macleod@glasgow.ac.uk

Programme structure

You will be taught through a combination of lectures, seminars, tutorials, fieldwork, project work and study trips. You will complete four core and two optional courses, followed by a dissertation (which may include a work placement).

Core courses

- Heritage, interpretation and development
- Heritage, management and context
- Tourism and regional development
- Tourism, sustainability and climate change.

Optional courses

- Climate change: Impacts on ecology
- Environment, technology and society
- Environmental communication
- Environmental ethics and behavioural change
- Environmental politics and society
- Reading the environment
- Writing the environment.

Career prospects

Potential employers include government agencies, local government, museums, heritage centres and attractions, tourist boards and education. In the private sector there are heritage attractions, hotels, travel agencies and tour companies, consultancies and media organisations. You may also use this degree programme as a base from which to move into further research and study.

Why Glasgow

- This programme is distinctive, as it combines tourism, heritage and sustainability with a social science and arts based approach.
- With increased awareness of sustainability issues, the programme embraces the need for further engagement across all dimensions of this theme.



LAW

The School of Law has a long and illustrious history. Distinguished alumni include judges, politicians and scholars.

- We have a strong, innovative and collaborative research culture, with a high level of commitment to research activity and output. Our academic staff regularly publish in the leading national and international journals and are in great demand as government and parliamentary advisers.
- Our programmes are delivered mainly in small group tutorials which seek to replicate the work undertaken by trainee solicitors and qualified solicitors in a learning environment.
- We support a vibrant seminar series, as well as a programme of lectures featuring talks from highly successful judges and lawyers, and events for external speakers to present papers. Some of our programmes offer work placements and many students have secured internships.
- The school offers excellent facilities including a dedicated law library and Moot Courtroom. You will have access to an exceptional library of electronic resources, including legislation, guidance, official publications, case reports and journals from around the world.
- CREATE, the Research Councils UK research centre for copyright and new business models in the creative economy, is based at the University. The centre leads a consortium of seven key universities in the UK.

Postgraduate research programme

The school offers two research degrees, the PhD and the LLM by Research.

Research interests

- Commercial law
- Comparative law
- Competition and antitrust law
- Constitutional and public law (administrative law, devolution/regional governance, constitutional and political theory)
- Corporate governance
- Criminal law and trials
- Employment law
- European law
- Financial law and regulation
- Human rights and civil liberties
- Intellectual property
- International law
- Legal history
- Philosophy of law and legal theory
- Property
- Welfare law and housing law.

Find potential supervisors

You are welcome to contact individual staff members to discuss a potential research topic before applying:

Visit: www.glasgow.ac.uk/law/staff
Tel: +44 (0)141 330 6239
email: susan.holmes@glasgow.ac.uk

Entry requirements

For entry requirements and how to apply, see page 25.

Scholarships and fees

For scholarships and fees, see pages 26 – 27.

The school offers excellent facilities including a dedicated law library and Moot Courtroom.

Corporate & Financial Law

LLM: 12 months full-time; 24 months part-time

This programme provides a specialist focus on transactions, markets and global regulatory issues. Modern lawyers need to understand the structure and interplay of both corporate and financial law, both at domestic and international level.

www.gla.ac.uk/1PilhKL
iain.macneil@glasgow.ac.uk

Programme structure

You will study three or four courses from the following list (one choice can come from other subject areas), and submit a dissertation approved as falling within the area. Courses are delivered through a blend of lectures and seminar style teaching. You will be taught by a team of academics with practical experience of transactions and regulatory issues.

Courses

- Corporate finance
- Corporate governance
- Debt finance and security
- International financial regulation
- International finance law
- International investment law
- International merger control
- International tax law
- Transnational commercial law.

Note: Some courses might not be available every year.

Career prospects

There is a high demand for law professionals with expertise in both corporate and financial law. You will be well placed for roles in law firms, banks, insurers, asset managers, regulators and international organisations.

Why Glasgow

- You will focus on key areas such as the legal framework for equity capital, issuing debt, takeovers and insolvency.
- The programme covers both the private law focus on the structuring of individual transactions, and the public law focus on the regulation of financial institutions and markets.

Diploma in Professional Legal Practice

PgDip: 9 months full-time

Our aim is that the PgDip comes to be regarded as the trademark of excellence, ensuring that you are not just employable but sought after by employers.

www.gla.ac.uk/1zZNOor
eileen.paterson@glasgow.ac.uk

Programme structure

You will take five core and three optional courses. This allows you to select courses which suit your areas of interest or meet the requirements of your future employers in the legal profession. Our courses are delivered through a combination of online resources, e-modules, lectures and small group tutorials (12 or fewer). Our team of 150 highly experienced, enthusiastic and committed tutors, almost all of whom are practising solicitors or advocates, are all focused on ensuring that you meet the requirement of a 'Day 1 ready trainee' by the end of each course.

Core courses

- Criminal litigation (incorporating advocacy, evidence and procedure and negotiation)
- Civil litigation (incorporating advocacy, rules of procedure, evidence, negotiation and pre-action protocols)
- Property law and conveyancing (incorporating commercial leases)
- Private client (incorporating wills, trusts, deeds of variation and guardianship)
- Business, ethics, finance and practice awareness.

Optional courses

- Advanced civil litigation (incorporating advocacy, remedies, debates, proofs and appeals)
- Advanced criminal litigation (incorporating advocacy)
- Commercial contracts
- Commercial conveyancing
- Corporate
- Family law (incorporating negotiation, mediation, collaboration and litigation)
- Human rights (incorporating employment, asylum and immigration, legislative competence, children's hearing referrals)
- Contemporary Scottish public law.

Career prospects

Upon successful completion of the programme you will be eligible to progress through your traineeship to work as a solicitor or advocate. The diploma is a requirement for entry into these roles in the legal profession.

Why Glasgow

- This highly practical programme has been designed by practising lawyers to replicate the work that you will do when you commence your traineeship.
- The Glasgow Legal 40, legal alumni of the University who practise across a wide range of areas, support our Diploma students in various ways including mentoring them and attending networking events.

Intellectual Property & the Digital Economy

LLM: 12 months full-time; 24 months part-time

Within the rapidly globalising environment of intellectual property and digital commerce, this programme provides you with a unique opportunity to specialise in this increasingly important area of law.

www.gla.ac.uk/1Jcs9et
mira.sundararajan@glasgow.ac.uk

Programme structure

You are required to take at least three courses from the following list (and four courses in total) and to submit a dissertation approved as falling within the area. Courses are delivered through a blend of lectures and seminar-style teaching.

Courses

- Brand protection
- Contemporary issues in intellectual property
- Copyright in the digital environment
- European Union trade law
- E-commerce, rights management and information
- Intellectual property and the market
- International and comparative intellectual property law
- International and comparative moral rights.

Note: Some courses might not be available every year.

Career prospects

The programme provides high-level training at the intersection of law and technology – an area of crucial importance to legal professionals everywhere. The emphasis on research will help you to develop excellent analytical and writing skills highly sought after by potential employers. Internship opportunities with leading global and local firms support the development of further skills. Career paths include roles in law firms, entertainment and media companies, international organisations, government and non-governmental organisations.

Why Glasgow

- You will develop a critical understanding of a wide range of issues concerning the legal regulation of intellectual property and the digital economy.
- You will benefit from access to and engagement with the School of Law's newly established £8m Research Centre for Copyright and New Business Models in the Creative Economy: CREATE.

International Commercial Law

LLM: 12 months full-time; 24 months part-time

Continual developments in e-commerce and a shift towards global trading mean that new legal skills and knowledge are constantly needed in many jobs. The programme will prepare you for a career focused in these key international areas.

gla.ac/1zZNZQo
rosa.greaves@glasgow.ac.uk

Programme structure

You will learn through lectures, seminars and group projects and presentations. The use of international sources, such as conventions, means you learn about the law in the UK while also developing a broader international perspective.

You will study three or four courses from the following list (one choice can come from other subject areas), and submit a dissertation approved as falling within the area. Courses are delivered through a blend of lectures and seminar-style teaching.

Courses

- Advanced competition law
- Competition law: substance and enforcement
- Corporate finance
- Corporate governance
- E-commerce, rights management and information
- European Union trade law
- International financial regulation
- International trade law
- International investment law
- International merger control
- International sales and finance
- International tax law
- Transnational commercial law.

Note: Some courses might not be available every year.

Career prospects

There is a high demand for law professionals with expertise in international commercial law. You will be well placed for roles in law firms, banks, international traders, asset managers and regulators.

Why Glasgow

- Commercial law has been a strength of the School of Law for many years, and this programme reflects the considerable expertise of the staff involved.
- You will benefit from our excellent facilities including the dedicated School of Law library; our main University Library also contains our extensive collection of legal materials and official publications and is a European Documentation Centre.

International Competition Law & Policy

LLM: 12 months full-time; 24 months part-time

The programme provides you with a unique opportunity to specialise in an increasingly important area of law. The laws of the EU and the US lie at the heart of this programme, but reference is made to the laws of many other jurisdictions.

gla.ac/1ED4qOc
mark.furse@glasgow.ac.uk

Programme structure

You will study three or four courses from the following list (one choice can come from other subject areas), and are required to submit a dissertation approved as falling within the area. Courses are delivered through a blend of lectures and seminar style teaching.

Courses

- Advanced competition law
- Competition law: substance and enforcement
- Intellectual property law and the market
- International merger control.

Note: Some courses might not be available every year.

Career prospects

The programme provides a thorough academic background in the. Competition law has been subject to a dramatic growth in recent years, and the need for properly qualified people has risen correspondingly. This is particularly the case in East Asia, but the trend is part of a wider one. Our graduates work in leading international law firms or prestigious domestic firms in a wide range of countries. Others are placed with regulators and competition agencies around the world, or work directly for industry and commerce.

Why Glasgow

- Competition laws have been adopted by many countries, including the US, European Union and its member states, and recently China.
- The law impacts significantly on the ways in which companies, both large multinational corporations, and small and medium-sized enterprises, conduct themselves in the competitive environment.

International Economic Law

MSc: 12 months full-time; 24 months part-time

This programme is subject to approval.

This programme offers an in-depth study of all the different aspects of the contemporary international economic law regime. Its key areas of focus include the structure of international economic governance, the rules and institutions of world trade, international investment, and international finance. Drawing on various legal, critical, and interdisciplinary approaches, it invites you to encounter the richness of the contemporary international economic regulation in its full theoretical, political, and normative complexity.

gla.ac/1IR6Ye6
christian.tams@glasgow.ac.uk

Programme structure

You will take one core and three optional courses, followed by a dissertation.

Core course

- International law and international economic governance.

Optional courses

- EU trade law
- Globalisation and governance
- International and comparative intellectual property law
- International finance law
- International financial regulation
- International investment law
- International tax law
- International trade law
- The settlement of international disputes
- Transnational commercial law.

Career prospects

The programme offers comprehensive coverage and the variety of approaches employed will give you an important edge in job markets. You will be attractive to public institutions in the UK and internationally, international economic organisation and NGO's working in international economic law, broadly defined. The comprehensive combination of doctrinal, legal-historical, comparative, and policy perspectives which this programme will provide against this background should prove highly attractive both to students and to potential employers.

Why Glasgow

- The programme is interdisciplinary in nature and has an international as well as a European outlook. The core course is designed to provide a bird's-eye view of the field of international economic governance and the multiple contributions made by international law in that context.
- Students from Leuphana University Lueneburg (Germany) will be able to spend their second year at the University of Glasgow as part of their dual degree programme.

International Law

LLM: 12 months full-time; 24 months part-time

This programme reflects the breadth of contemporary international law, addressing issues as diverse as world trade disputes, United Nations peacekeeping, international human rights litigation, state responsibility and criminal trials before international courts.

gla.ac/1K5VGI2
christian.tams@glasgow.ac.uk

Programme structure

You are required to take at least three courses from the following list (plus one other) and to submit a dissertation (15,000 words) approved as falling within the area. Courses are delivered through a blend of lectures and seminar-style teaching.

Courses

- Foundations of international law (normally compulsory)
- Globalisation and governance
- International criminal law
- International and European human rights law
- International trade law
- International investment law
- International law and international economic governance
- International tax law
- The settlement of international disputes
- United Nations law.

Note: Some courses might not be available every year.

Career prospects

There is a high demand for law professionals with expertise in international law. The days in which international law was treated as an 'extra' are long gone. Lawyers pursuing ambitious careers will now inevitably have to deal with rules of international provenance, in fields as diverse as human rights or investment protection. With an LLM in international law from Glasgow, you will be well placed for roles in law firms, international institutions, government departments and non-governmental organisations.

Why Glasgow

- If you want to increase your horizons to an international platform and look beyond domestic legal orders, this LLM is ideal for you.
- You will be taught by a team that truly understands international issues, with staff drawn from Canada, Germany, Scotland, Greece and Uzbekistan.

International Law & Security

LLM: 12 months full-time; 24 months part-time

This is an innovative programme that focuses on the role and relevance of international law in a rapidly changing global security environment. It reflects the breadth of contemporary international security issues, addressing issues as diverse as terrorism, armed conflicts and transnational organised crime.

gla.ac/1HgZE4L
robin.geiss@glasgow.ac.uk

Programme structure

The courses are delivered through a combination of lectures, seminars and project work. You are required to study one core course and three optional courses, as well as to submit a dissertation approved as falling within the area.

Core course

- International law and international security.

Optional courses

- The laws of armed conflict
- International criminal law
- United Nations law
- International and European human rights law
- International law and international economic governance
- International security and international relations
- The settlement of international disputes.

Note: Some courses might not be available every year.

Career prospects

There is a high demand for law professionals with expertise in international law and security. You will be well placed for roles in international institutions, government departments (ministries of foreign affairs, defence, justice, home affairs, and development), non-governmental organisations and law firms.

Why Glasgow

- If you want to increase your horizons to an international platform, look beyond domestic legal orders and learn about global security issues, this LLM is ideal for you.
- You will be taught by an excellent team that truly understands international issues, with staff drawn from Canada, Germany, Scotland, Greece and Uzbekistan.

Law (LLM)

LLM: 12 months full-time; 24 months part-time

The Masters in Law (General LLM) provides a challenging general legal education at graduate level.

gla.ac/1e0QrvZ
james.sloan@glasgow.ac.uk

Programme structure

You will complete four courses plus a dissertation.

There is also a compulsory one-week induction programme, tailored specifically for the LLM. This offers you information and guidance on learning methods, research skills and on non-academic aspects of life and study in Glasgow.

For details of courses available, see programme entries for:

- Corporate & Financial Law (LLM)
- Intellectual Property & the Digital Economy (LLM)
- International Commercial Law (LLM)
- International Competition Law & Policy (LLM)
- International Law (LLM)
- International Law & Security (LLM).

Career prospects

You will be well placed for roles in the legal profession as a lawyer, solicitor or advocate in law firms, government agencies or other organisations.

Why Glasgow

- If you are interested in law generally but have not identified a particular area of speciality, this programme gives you some flexibility and choice. You can construct your own programme of law studies drawn from the full range of courses on offer.
- You will benefit from our excellent facilities including the dedicated School of Law library; our main University Library also contains our extensive collection of legal materials and official publications and is a European Documentation Centre.

Law (MRes)

MRes: 12 months full-time

This programme provides you with an excellent preparation for further research in Law, serving as a qualification in its own right and a platform for PhD study.

gla.ac.uk/1KlISp3
emilios.christodoulidis@glasgow.ac.uk

Programme structure

You will take a combination of core courses and optional courses, followed by a dissertation on a specialised topic.

Core courses

- Advanced legal methods 2: Jurisprudence of concepts.

Either

- Qualitative research methods, or
- Social science statistics 1.

Either

- Advanced legal methods 1A: Legal research methodologies, or
- Advanced legal methods 1B: Traditions of legal enquiry.

Optional courses

You can choose from a selection of Law LLM or MSc options and Politics MSc options.

Law (LLM) options (please note that this category requires a prior degree in Law or a degree with a 50% law component):

- Law of commercial banking
- Intellectual property law and the market
- International economic law
- Competition law: substance and enforcement.

Law (MSc):

- Globalisation, law and human rights
- United nations law
- Fundamentals of international law.

Politics (MSc):

- Comparative European politics
- International theory
- Media and democracy
- EU in international politics and development
- Internet and civil society
- Political legitimacy: contemporary perspectives
- International security and global politics.

College of Social Sciences advanced electives in research methods:

- Advanced qualitative methods
- Understanding social research.

Career prospects

This programme provides an excellent foundation for an academic career in this field.

Why Glasgow

- There is a strong emphasis on research training, in order to help you develop generic research knowledge and skills.
- You will be introduced to legal research methodologies, the ethics of legal research, key traditions of legal enquiry and basic concepts of legal thought.

Socio-Legal Studies

MRes: 12 months full-time

This programme offers an advanced introduction to the study of Law with a specific emphasis on socio-legal methodology. It provides you with an excellent preparation for doctoral study in the area of socio-legal research, serving as a qualification in its own right and a platform for PhD study.

gla.ac.uk/1QIKS3z
emilios.christodoulidis@glasgow.ac.uk

Programme structure

You will take five core courses and one optional course, followed by a dissertation on a specialised topic.

Core courses

- Advanced legal methods 2: Jurisprudence of concepts
- Qualitative research methods
- Social science statistics 1.

Either

- Advanced legal methods 1A: Legal research methodologies, or
- Advanced legal methods 1B: Traditions of legal enquiry.

Either

- Advanced qualitative methods, or
- Advanced statistics: Issues and methods.

Optional courses

- Globalisation, law and human rights
- United Nations law
- Fundamentals of international law
- Other electives from within the College of Social Sciences graduate school (eg in Politics or Sociology).

Career prospects

The MRes in Socio-Legal Studies provides you with an excellent foundation for an academic career in this field.

Why Glasgow

- There is a strong emphasis on research training. You are introduced to legal research methodologies, the ethics of legal research, key traditions of legal enquiry and basic concepts of legal thought.
- You are also given a solid grounding in qualitative and quantitative research methodologies.

SOCIAL & POLITICAL SCIENCES

The School of Social & Political Sciences aims to produce internationally significant research to enhance your learning and contribute to the economy and society.

- Our school has expertise in applied and policy-related research addressing key issues such as social and economic inequalities, identities and social change; governance and the state; crime and criminal justice; health and wellbeing, including disability, urban health and the history of medicine; global security and international relations; global economy and business, including business and financial history; urban planning, property and place making.
- Our school's disciplinary expertise ranges across the subject areas of Central & East European studies, economic & social history, politics, sociology and urban studies.
- Our researchers make major contributions to national and international research networks, and to knowledge exchange with the public, private and voluntary sectors in Scotland and throughout the world.
- Our taught programmes are geared to improving your employment prospects. Several programmes have professional validation (in housing, planning and real estate). We bring in speakers from industry and government to contribute to teaching and provide opportunities to meet professionals through seminars, open events or recruitment presentations. We will also support you to arrange professional work placements where appropriate.
- New research is fostered through networks of staff across the University and via wider collaboration, and our researchers regularly attract substantial grants from the Economic & Social Research Council, the Arts & Humanities Research Council, the Scottish Funding Council, the Leverhulme Trust, the Wellcome Trust and European programmes.
- As a postgraduate student you will benefit from regular workshops, seminar series, student away days, and opportunities to meet and discuss progress with supervisors.
- The University's main library has outstanding collections relating to our subjects, and key statistical and official publications. The collection is enhanced by the library's status as an official European Documentation Centre, with the full range of EU resources as well as extensive electronic resources including key journals, newspapers and archival materials. The Business Archive holds a large collection of company archives.
- Our school has particular strengths in the development and teaching of research methods. We are a centre for advanced quantitative methods and have great depth in qualitative methods as well. We offer a cutting-edge grounding in methods to all PhD and MRes students.

Postgraduate research programme

We welcome enquiries from PhD applicants.

Research interests

- Business and financial history
- Citizens, communication and political actors
- Consumption and risk
- Crime, justice and security
- Global and regional governance
- Global security
- History of medicine
- History, memory and legacy
- Housing, real estate and urban economics
- Human rights
- Identity, language and culture
- Inequalities, poverty and social exclusion
- International relations
- Migration
- Neighbourhoods and wellbeing
- Political theory
- Public and urban policy
- Regeneration
- Research practice and methods
- Social and gender history
- Social theory
- Social welfare
- Transformations and political change.

Find potential supervisors

You are welcome to contact individual staff members to discuss a potential research topic before applying:

Visit: www.glasgow.ac.uk/socialpolitical/staff
Tel: +44 (0)141 330 2514
email: socpol-enquiries@glasgow.ac.uk

Entry requirements

For entry requirements and how to apply, see page 25.

Scholarships and fees

For scholarships and fees, see pages 26 – 27.

CENTRAL & EAST EUROPEAN STUDIES

Russian/Czech/Estonian/Hungarian/Latvian/Polish Language

PgCert: 9 months full-time

These Graduate Certificates provide a substantial programme in Russian, Czech, Estonian, Hungarian, Latvian and Polish Language for graduates in other subjects who have no prior competence in these languages and who require a thorough knowledge of the language for their chosen field of work or programme of further study.

gla.ac/1RDzO92

Russian Language:
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Czech Language:
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Estonian Language:
lea.kreinin@glasgow.ac.uk
Hungarian Language:
zsuzsanna.varga@glasgow.ac.uk
Latvian Language:
dace.praulins@glasgow.ac.uk
Polish Language:
john.bates@glasgow.ac.uk

Programme structure

These Graduate Certificates are designed as preparation for employment related to Russia (or the Russian-speaking countries of the Commonwealth of Independent States)/Czech Republic/Estonia/Hungary/Latvia/Poland or based in countries where the languages are spoken; or research activities in history, sociology, politics and economy that deal with the chosen language.

If you intend to work in any of the respective countries or require one of the languages in relation to your work, you will receive appropriate provision of language in connection with your specific area-based knowledge.

Why Glasgow

- Overall the programme is designed to develop basic vocabulary, grammar, oral and information retrieval skills, and to offer a wider knowledge of Russian/Czech/Estonian/Hungarian/Latvian/Polish society.
- Students are also ordinarily expected to undertake a designated period of study abroad at a partner institution in Russia/Czech Republic/Estonia/Hungary/Latvia/Poland or another country where Russian/Czech/Estonian/Hungarian/Latvian/Polish is spoken.

Russian, Central & East European Studies

MRes: 12 months full-time;
24 months part-time
PgDip: 9 months part-time

The programme offers ESRC-accredited training in language-based area studies, as well as advanced training in qualitative and quantitative methods; specialised area studies research training; and language training in one of the region's languages.

gla.ac/1bO0Mbo
maggie.baister@glasgow.ac.uk

Programme structure

You will take five core courses and submit a 12,000 – 15,000 word dissertation.

Semester 1

- Social science statistics 1
- Qualitative methods
- Language (Czech, Estonian, Hungarian, Polish, Russian).

Semester 2

- Research methods for studying Russia and Central and Eastern Europe
- Advanced qualitative methods or Social science statistics 2
- Language (Czech, Estonian, Latvian, Lithuanian, Polish, Russian, Slovak or Hungarian)
- Dissertation (12,000 – 15,000 words).

Note: Some languages and courses might not be available every year. You may also be able to choose from courses in the other subjects in the School of Social & Political Sciences. Language training is offered over a range of levels from beginners to advanced. If you are a native speaker or have a degree in one of the region's languages, you will take an additional course instead.

Career prospects

Many of our graduates have gone on to establish careers as lecturers and researchers at universities in the UK, Norway, Greece, Italy and Poland or have become secondary school teachers. Some have also gone on to pursue research and policymaking careers with government, business and international organisations.

Why Glasgow

- The programme is intended for those who wish to pursue a research-based career in the region, with or without the completion of a PhD.
- Language and other study trips to the region are available. You will be offered the opportunity to spend a month in Russia. Some financial support is available to help you fund these trips.

Russian, Central & East European Studies (Erasmus Mundus International Master)

International Master (Double degree/single degree): 24 months full-time

This programme offers you the unique opportunity to combine a year of study in Glasgow with a year studying overseas (in English) at one of our renowned partner institutions and leads to the award of a double degree or a single degree.

gla.ac/1FdwVXo
maggie.baister@glasgow.ac.uk

Programme structure

Year 1

You will take two core courses and two optional courses at the University of Glasgow.

Core courses

- State and society under communism in Russia, Central and Eastern Europe
- Language (Czech, Estonian, Hungarian, Polish, Russian).

Optional courses

- Developments in Czech society since 1989
- Gender and identity in Soviet and post-Soviet Russia
- Media and democratisation in Central and Eastern Europe and the former Soviet Union
- Post-Soviet Russia: renegotiating global and local identities
- Statehood and nationality in Central and Eastern Europe
- Rethinking Central Asian security
- Russian foreign policy
- A maximum of one outside option from an approved subject.

Year 2: study abroad and dissertation

In semester 1 you will attend lectures/seminars at an international partner university and may choose your study programme from a wide range of options. Your dissertation topic will have a strong influence on the selection of your Year 2 double degree partner.

Erasmus Mundus graduates will receive the official degree of International Master in Russian, Central & East European Studies and an official degree from one of our partner universities.

Career prospects

You will be prepared for a career in policymaking in government, foreign ministries, the EU, intergovernmental organisations or non-governmental organisations. Other career opportunities include higher education and business.

Why Glasgow

- If you are interested in the challenges faced by the states and societies of Central and Eastern Europe and their place within the new global security order, this two-year programme is for you.
- The programme has been recognised by the European Commission as an Erasmus Mundus Masters Programme of 'outstanding academic quality'.

Russian, East European & Eurasian Studies

MSc: 12 months full-time; 24 months part-time

This programme is an advanced study of historical and contemporary developments in the economy, politics, culture and society of Russia and the countries of Eastern Europe and Eurasia.

gla.ac/1JGUZIJ
maggie.baister@glasgow.ac.uk

Programme structure

You will take two core courses, select one of three available pathways and submit a dissertation.

Core courses

- Issues in Russian, East European and Eurasian Studies
- Research Methods for studying Russia, Eastern Europe and Eurasia.

Pathways

- **Central and East European Studies**
 - Geopolitics of CEE
 - Language – Polish, Hungarian, Czech, Latvian/Estonian
 - Statehood and nationality in Central and Eastern Europe.
- **Russian Studies**
 - Language – Russian
 - Post-Soviet Russia: Renegotiating global and local identities
 - Russian foreign policy.
- **Eurasian Studies**
 - Language – Russian, Chinese
 - Rethinking Central Asian security.

Career prospects

Our graduates have gone on to establish careers as lecturers and researchers at universities in the UK, Norway, Greece, Italy, and Poland and have become secondary school teachers. They have also been very successful in establishing careers with organisations such as BBC World Service, British Army, British Civil Service, British Council, Centre for Defence Information (Moscow), Coalition to Stop the Use of Child Soldiers, European Policies Research Centre, University of Strathclyde, European Bank for Reconstruction and Development (London), Jamestown Foundation (Washington DC), KPMG, Ministry of Defence (UK), Open Society Foundation (Bratislava), Open Society Institute (Budapest), Operation Mobilisation, Czech Republic and the Trust for Civil Society in Central & Eastern Europe (Warsaw).

Why Glasgow

- This programme is for those planning careers in major public, commercial and voluntary institutional settings who wish to acquire a specialised knowledge of Russia, Eastern Europe and Eurasia and proficiency in one of the region's languages.
- Language and other study trips to the region are available. You will be offered the opportunity to spend a month in Russia. Some financial support may be available to help you find these trips.

Russian for Social Scientists (PgCert)

PgCert: 9 months full-time

This is an intensive programme for graduates in other subjects who already possess basic proficiency in Russian but require a more thorough grounding in the language, specifically for the purpose of conducting social scientific research dealing with Russia and/or the Commonwealth of Independent States.

gla.ac/1ED5uSg
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Programme structure

This programme combines classroom and distance tuition in intermediate-level Russian language over two semesters. Students are also ordinarily expected to undertake a designated period of study abroad at a partner institution in the Russian Federation or another country where Russian is spoken.

You will acquire sufficient linguistic knowledge and translating skills to be able to read and retrieve information from a variety of texts in the original language, including those related to social sciences, and to deepen your existing knowledge of Russian reality.

The programme comprises four discrete elements or blocks, imparting grammar, reading, translation and oral skills.

Career prospects

Students who have completed the programme have gone into teaching, commerce, financial services, translating, postgraduate study and other occupations.

Why Glasgow

- During 2012–2016 students going abroad under the programme will be eligible to apply for partial financial support in the form of competitive bursaries offered by the University's Centre for Russian, Central & East European Studies (CRCEES).
- You will undertake a period of study abroad at a partner institution where Russian is spoken.

Russian for Social Scientists (PgDip)

PgDip: 12 months full-time

This intensive programme in Russian Language for graduates in other subjects who already possess basic proficiency in Russian but require a more extensive grounding in the language, specifically for the purpose of conducting social scientific research dealing with Russia and/or the Commonwealth of Independent States (CIS).

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Programme structure

This programme provides students with blended (classroom and distance) intermediate-level Russian language tuition over two semesters of study. Students will also benefit from a dedicated period of study abroad at a partner institution in the Russian Federation or other country where Russian is spoken as part of the Certificate in Russian for Social Scientists.

Core courses

- Certificate course in Russian for Social Scientists
- Analysis of Russian social science text
- Intermediate Russian language.

The content of this programme combines three layers – linguistic, cultural and sociopolitical – which give the student multifaceted language skills and knowledge about the country and the people. These skills are to be developed through a variety of different learning activities and assessment tasks: classroom sessions, elements of distance learning, interactive Moodle exercises and self-study.

Career prospects

Those who have completed the course have gone into teaching, commerce, financial services, translating, postgraduate study and other occupations.

Why Glasgow

- During 2012–2016 students going abroad under the programme will be eligible to apply for partial financial support in the form of competitive bursaries offered by the University's Centre for Russian, Central & East European Studies (CRCEES).
- The programme uses online and distance resources as well as classroom teaching and includes a period of study at a language school in Russia.

Russian Language (PgDip)

PgDip: 12 months full-time

This is an intensive programme in Russian language for graduates in other subjects who would find an extensive knowledge of Russian an asset in their chosen field.

gla.ac/1ED5NfQ
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Programme structure

The programme is designed as preparation for employment related to Russia or the Russian speaking countries of the Commonwealth of Independent States (CIS); or research activities in history, sociology, politics and economy that deal with Russia and CIS-related themes. Those students who intend to work in Russia or need Russian in relation to their work will receive appropriate provision of language in connection with their specific area-based knowledge.

This programme is designed in a blended (classroom and distance learning) format. It comprises classroom teaching and tuition via internet media, as well as intensive use of Moodle-based interactive exercises and tests. It makes full use of dedicated textbooks and printed and internet media. Students will also benefit from a dedicated period of study abroad at a partner institution which is a part of the course in Russian Language.

The content of this programme combines three layers – linguistic, cultural and sociopolitical – which give the student multifaceted language skills and knowledge about the country and the people.

These skills are to be developed through a variety of different learning activities and assessment tasks: classroom sessions, elements of distance learning, interactive Moodle exercises and self-study.

Core courses

- Russian for social scientists (beginners)
- Certificate course in Russian language
- Writing project on Russia.

Career prospects

Those who have completed the programme have gone into teaching, commerce, financial services, translating, postgraduate study and other occupations.

Why Glasgow

- During 2012–2016 students going abroad under the programme will be eligible to apply for partial financial support in the form of competitive bursaries offered by the University's Centre for Russian, Central & East European Studies (CRCEES).
- The programme caters for those who have no prior knowledge of the language, uses online and distance resources as well as classroom teaching, and includes a period of study at a language school in Russia.

ECONOMIC & SOCIAL HISTORY

Global Economy

MSc: 12 months full-time; 24 months part-time

The global economy is a complex and challenging place. This MSc in Global Economy, taught by internationally acknowledged experts in their fields, unravels many of the complexities and explores the challenges. This programme is ideal for those who do not have a degree or background in economics or business but wish to explore the field.

gla.ac/1K5WxIM
duncan.ross@glasgow.ac.uk

Programme structure

You will study three core courses and three optional courses and undertake a dissertation during the final phase of the programme. You will attend lectures, seminars and tutorials and take part in project and teamwork. You will benefit from our programme of guest seminars.

Core courses

- The globalised economy
- Business in the global economy
- Social science statistics.

Sample optional courses

There is a wide range of options available within the School of Social & Political Sciences:

- Globalisation of banking and financial institutions
- Globalisation and labour
- Technology transfer in a globalised world
- International economic relations since 1945
- The EU in international politics and development.

Career prospects

Career opportunities include positions in global economics, foreign trade, international NGOs and policy environments.

Why Glasgow

- You will gain a broad understanding of current economic and business policy issues in the context of a rapidly changing and dynamic global environment.
- You will gain a secure and critical grasp of the extent, causes and implications of a more fully integrated world economy, which equips you to play key leadership roles in corporate or non-governmental organisations or policy-driven environments.

History (with an emphasis on the History of Medicine)

MLitt/MSc: 12 months full-time; 24 months part-time

This programme provides you with thorough research training, an outstanding learning experience, and a wide set of transferable skills in the conception, design and execution of a research project.

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malcolm.nicolson@glasgow.ac.uk

Programme structure

You will take four core courses and two optional courses. You will then produce a dissertation on a topic related to the history of medicine.

Core courses

- Research resources and skills for historians
- Approaches to history
- History of medicine 1: studies in the history of medicine before 1850
- History of medicine 2: studies in the history of medicine from 1850 to 2000.

There are variations to the structure of the programme depending on your choice of an MSc or MLitt.

For the MSc you need to choose two optional courses from the social sciences training courses:

- Quantitative methods
- Qualitative methods
- Introduction to social theory for researchers.

Other optional courses are taught in History, Economic and Social History (in the College of Social Sciences), and by related subject areas in the School of Humanities (Archaeology, Celtic, Classics) and the College of Arts (such as English Language and French).

You will be taught through a series of seminars and workshops. Internationally recognised historians give guest lectures throughout the year.

Career prospects

Apart from continuing to study for a PhD, you can transfer the Arts research skills and methods you learn on this programme to positions in the modern public and private sectors, such as heritage, policy and projects, journalism and teaching.

Why Glasgow

- If you are looking to pursue a specialisation in the history of medicine, led and supported by internationally-regarded historians, this programme is ideal for you.
- Strong links with the University's Hunterian Museum, Anatomy Museum and Art Gallery, will give you access to primary source material, including an enormous collection of anatomical and pathological specimens, coins, books, manuscripts and ethnography.

POLITICS

Chinese Studies

MSc: 12 months full-time; 24 months part-time

The programme offers an introduction to the fascinating and fast-changing dimensions of China today. It provides a broad grounding in Chinese society, economy, politics and culture. There is the flexibility to combine cultural and political studies with introductory or more advanced modules in Mandarin.

gla.ac/1e0RBI2
neil.munro@glasgow.ac.uk

Programme structure

The programme is made up of two core courses, four optional courses, and a dissertation.

Core courses

- Chinese politics and society
- China in the international economy.

Optional courses

The courses are structured into five pathways

- Language and culture
- Governance and society
- International relations
- Human rights
- Research methods.

Dissertation

The dissertation is your opportunity to explore your own specialist interest in China and to demonstrate the research and writing skills you have developed during the programme. With the advice of your supervisor you will develop a topic, undertake primary and secondary research, and write a 12,000 – 15,000 word dissertation, which you will submit in September.

Career prospects

This programme is ideal for anyone interested in pursuing a career involving China, whether in the business world, public services, the arts and media or as preparation for further academic study through PhD research. Our alumni have also gone on to successful careers as public affairs consultants, advertising and PR managers, as well as in secondary school education. The programme has helped graduates develop international perspective, critical thinking and writing skills, and also smoothed the path to living and working in the Far East.

Why Glasgow

- The degree is interdisciplinary, drawing on the expertise of specialists in Chinese politics, economics, and history of art, as well as the range of seminars, workshops and lectures delivered by the University's Scottish Centre for China Research.
- You can spend eight weeks (May to July) in China, where you will have the opportunity to gain first-hand experience of Chinese society and culture. You have a choice of being based in Qingdao, Chengdu or Zhuhai.

Global Security (MSc)

MSc: 12 months full-time; 24 months part-time

The traditional military threats which defined global security matters for the best part of the 20th century have been quickly replaced by new and re-emerging security challenges. This programme offers you the opportunity to examine many of these contemporary threats.

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Programme structure

Core courses

- International security and global politics
- Thematic issues in global security
- Comparative approaches to warfare and violent conflict
- Either: Qualitative research methods OR Social sciences statistics
- Dissertation.

Optional courses

You will supplement the core elements of the programme with a range of elective classes chosen from a broad list of optional courses.

Pathways

In addition to the general degree programme students have the opportunity to study one of three specialised pathways. Current pathways include:

- Politics, information and security
- Social and cultural perspectives
- Strategy and defence.

Career prospects

You can move into careers such as working with governmental and non-governmental organisations and business and international/transnational organisations. Recent graduates have gone on to work for the BBC, the United Nations, the UK armed forces, a US-based research agency and UK-based private security and risk analysis companies. Others have gone on to undertake a PhD.

Why Glasgow

- You will undertake a study visit to Brussels which offers the chance to experience security and political institutions such as NATO and the European Commission and meet key security personnel.
- You will develop your knowledge of the security challenges impacting upon our rapidly changing social and political environment at a local, national and global level. These range from terrorism and cyber-warfare to disease, migration and climate change.

Global Security (MRes)

MRes: 12 months full-time; 24 months part-time

The traditional military threats which defined global security matters for the best part of the 20th century have been quickly replaced by new and re-emerging security challenges.

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eamonn.butler@glasgow.ac.uk

Programme structure

Core courses

- International security and global politics
- Thematic issues in global security
- Qualitative research methods
- Social sciences statistics
- Introduction to social theory for researchers
- Dissertation.

Sample optional courses

- Critical perspectives on securities and vulnerabilities
- Comparative approaches to warfare and violent conflict
- Freedom, security and justice in the European Union
- Globalisation and European integration
- Globalisation and the new security agenda in Central and Eastern Europe
- Society, environment and the concept of sustainable development in post-Soviet Russia
- Post-Soviet Russia: renegotiating global and local identities
- The European Union in international politics and development
- International relations theory
- The internet and civil society
- Human rights and global politics
- Insurgency and counter-insurgency, 1800-present
- British military power since 1945
- The American way of war: from the revolution to the war on terror
- Social change and social justice: activism, social movements and democracy
- Development, postcolonialism and environment
- The global criminal economy
- Ethics in global politics.

Career prospects

The programme provides a dedicated research training pathway if you are to looking to go on to doctoral study or to seek a career within a social research field.

Why Glasgow

- You will study research methods within the College of Social Sciences' graduate school, which is one of the top research training centres in the UK and benefits from ESRC recognition for many of its courses.
- You will have the opportunity to undertake a study visit to Brussels, which offers the chance to experience security and political institutions such as NATO and the European Commission and meet key security personnel.

Human Rights & International Politics (MSc)

MSc: 12 months full-time; 24 months part-time

This programme offers a thorough academic analysis of one of the most salient and pressing issues in the contemporary world: the place of individual human rights in a system of international relations in which states' rights have traditionally been paramount.

[w gla.ac/1IAAN5K](mailto:kurt.mills@glasgow.ac.uk)
[e kurt.mills@glasgow.ac.uk](mailto:kurt.mills@glasgow.ac.uk)

Programme structure

You will take four core courses and two optional courses. Courses will be delivered via lectures and seminars. Some courses contain an exam. You will also submit a dissertation at the end of the programme.

Core courses

- Critical perspectives on human rights (Politics)
- Fundamentals of international law (Law)
- Human rights and global politics (Politics)
- Qualitative research methods OR Social science statistics.

Sample optional courses

Politics

- Challenges in international politics
- Comparative European politics
- Ethics in global politics
- EU in international politics and development
- Foreign policy of the United States
- Globalisation and European integration
- International relations theory
- Politics of gender in development.

Law

- British constitutionalism c1600 – 1800
- Freedom, security and justice in the European Union
- Globalisation, constitutionalism and human rights
- Law and democracy
- United Nations law.

Dissertation

The dissertation, written during the final phase of the programme, is your opportunity to explore your own specialist interest in human rights and international politics and to demonstrate the research and writing skills you have developed during the programme.

Career prospects

Career opportunities include positions in higher education, government/foreign ministry, intergovernmental organisations, non-governmental organisations and think tanks.

Why Glasgow

- If you plan a career with non-governmental organisations, in related domestic, European and other global institutions, or in higher education, or want to learn more about human rights and international politics, this programme is designed for you.
- You will have the opportunity to participate in a five-day study trip to Geneva to visit the UN and non-governmental human rights organisations.

Human Rights & International Politics (MRes)

MRes: 12 months full-time; 24 months part-time

This ESRC-recognised research-training programme gives you a broad and rigorous grounding in the study and methodologies of one of the most salient and pressing issues in the contemporary world: the place of individual human rights in a system of international relations in which states' rights have traditionally been paramount.

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Programme structure

You will take five core courses and one optional course, as well as submitting a dissertation. Teaching will be delivered through lectures, seminars and tutorials. You will also be able to take part in project and teamwork and an international study trip. Some courses contain an exam.

Core courses

- Critical perspectives on human rights (Politics)
- Fundamentals of international law (Law)
- Human rights and global politics (Politics)
- Qualitative research methods
- Social science statistics.

Optional courses

- Challenges in international politics
- China's international politics
- Comparative European politics
- Ethics in global politics
- EU in international politics and development
- Foreign policy of the United States
- Globalisation and European integration
- Internet and civil society
- Media and democracy.

Career prospects

Career opportunities include positions in higher education, government/foreign ministry, intergovernmental organisations, non-governmental organisations and think tanks.

Why Glasgow

- If you want to pursue a research-intensive career or doctoral studies, including under the ESRC 1+3 scheme, this ESRC-recognised research-training programme is designed for you.
- The programme draws on recognised expertise in international institutions, security, gender, political philosophy, theories of rights, and ethics and normative theory, as well as a wide variety of country and regional expertise.

International Relations (MSc)

MSc: 12 months full-time; 24 months part-time

This programme is designed for those interested in the crucial challenges facing our world today, from terrorism to globalisation, and from conflict to migration. In particular, it will provoke you to think about international challenges and the nature of interactions in the system.

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Programme structure

You will take three core and three optional courses.

Core courses

- Challenges in international politics
- International relations theory
- Qualitative research methods OR Social science statistics.

Optional courses

- China's international politics
- Chinese politics and society
- Comparative European politics
- Critical perspectives on human rights
- Ethics in global politics
- EU in international politics and development
- Foreign policy affairs
- Freedom of expression
- Globalisation and European integration
- Human rights and global politics
- International security and global politics
- Institutions and policies of the European Union
- Internet and civil society
- Media and democracy
- Political institutions, crisis and communication
- Political legitimacy: contemporary perspectives
- Politics of gender in development.

Career prospects

The programme gives students key knowledge and analytical tools relevant to a career in a variety of settings related to international relations. These include international and domestic non-governmental organisations, international governmental organisations such as the United Nations and European Union, as well as government agencies. It will also prepare you for further academic research in a PhD programme.

Why Glasgow

- This programme offers you broad and informed knowledge of the central challenges in international relations and equips you with the analytical techniques and tools to analyse political data.
- The programme draws on expertise in the fields of international relations theory, normative international theory, international security, international governmental organisations, non-state actors, and human rights and humanitarian intervention.

International Relations (MRes)

MRes: 12 months full-time; 24 months part-time

This ESRC-recognised research-training programme provides a broad and rigorous grounding in the study and methodologies of the crucial challenges facing our world today, from terrorism to globalisation, and from humanitarian intervention to new social movements.

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Programme structure

You will take four core and two optional courses.

Core courses

- Challenges in international politics
- International relations theory
- Qualitative research methods
- Social science statistics 1.

Optional courses

- China's international politics
- Comparative European politics
- Ethics in global politics
- EU in international politics and development
- Foreign policy of the United States
- Globalisation and European integration
- Human rights and global politics
- Internet and civil society
- Media and democracy.

Dissertation

The dissertation, written during the final phase of the programme, is your opportunity to explore your own specialist interest in international politics and to demonstrate the research and writing skills you have developed.

Career prospects

Career opportunities include positions in higher education, government/foreign ministry, intergovernmental organisations, non-governmental organisations and think tanks.

Why Glasgow

- If you are planning to pursue a research-intensive career or doctoral studies, including under the ESRC 1+3 scheme, this programme is designed for you. This degree provides a pathway to ESRC-sponsored postgraduate fellowships.
- This programme offers you broad and informed knowledge of the central challenges in international relations, and equips you with the analytical techniques and tools to analyse political data.

International Security, Intelligence & Strategic Studies

MSc: 24 months full-time

This double Masters degree brings together European and international partners to provide an integrated study programme engaging with theoretical, empirical and applied approaches to security, intelligence and strategy. Studying across Europe, you will be able to participate in an optional work-based placement with a practitioner organisation.

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Programme structure

The programme is structured around mobility periods where you study at each of the three partner universities for six months.

Also included is a fourth flexible mobility period, during which independent study (dissertation) and an optional work-based learning placement with a relevant non-academic practitioner partner is undertaken.

Year 1

University of Glasgow

- Global security: theories and concepts
- Modern strategic thought
- Intelligence analysis and policy making
- European and international security and defence strategies.

OTH Regensburg

- Analysis and intelligence methods
- Presentation and communication products
- Analysis and the security of Big Data
- Intercultural awareness and security
- Project (technology and intelligence).

Year 2

Charles University, Prague

You must choose a specialist concentration from A, B or C, and a number of course options from the other concentrations (including D).

- Concentration A – International security
- Concentration B – Strategic studies
- Concentration C – Intelligence, technology and security
- Concentration D – Critical security studies.

Career prospects

Graduates from this programme are prepared to pursue careers in security-related posts in government offices and public administration, international organisations, non-governmental organisations, transnational business corporations and private security and risk analysis companies. Some might also like to pursue a doctorate and an academic career.

Why Glasgow

- Glasgow is the leading partner in the consortium of universities that have developed this degree. The other main partners are Charles University Prague and Ostbayerische Technische Hochschule Regensburg.
- Specialist master classes and webinars will be provided by practitioners and visiting academics from four associate partner universities.

Political Communication (MSc/PgDip)

MSc: 12 months full-time; 24 months part-time
PgDip: 9 months full-time

This programme offers you a thorough and engaging academic analysis of how political communication works in our highly mediated world. It enables you to develop an in-depth understanding of how political actors, the media and the public interact in different countries during both elections and day-to-day politics, and how this affects the distribution of power at the domestic and international levels.

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Programme structure

You will take three core and three optional courses. You will also write a dissertation on a political communication topic of your choice, under personal supervision by a specialist member of staff.

You will attend lectures, seminars and tutorials and take part in project work and case studies.

Core courses

- Media and democracy
- Political institutions and communication.

Plus one from the following:

- Qualitative methods for social scientists
- Social science statistics 1.

Sample optional courses

- Challenges in international politics
- China's international politics
- Chinese politics and society
- Comparative European politics
- Comparative public opinion
- Critical perspectives on human rights
- Crime, media and popular culture
- Foreign policy analysis
- Human rights and global politics
- Humanitarian intervention
- International relations theory
- International security and global politics
- Internet and civil society
- Researching audiences and the media.

Career prospects

Career opportunities include positions in public relations and communications in government agencies, political parties, charities and international organisations; politics and political consultancy; public relations and public affair agencies; political journalism; business; media policymaking; and higher education, including doctoral studies.

Why Glasgow

- The programme is designed for those who plan a career, or are already working, in an organisation involved in any aspect of political communication, from political parties to non-governmental organisations to public relations agencies.
- The programme is currently the only one in this area in Scotland and one of very few anywhere based in a Politics department (rather than in Media or Communication).

Political Communication (MRes)

MRes: 12 months full-time; 24 months part-time

This ESRC-recognised research-training programme gives you a broad and rigorous grounding in the study and methodologies of political communication.

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Programme structure

You will take four core and two optional courses. You will also write a dissertation on a political communication topic of your choice. You will attend lectures, seminars and tutorials and take part in project work and case studies.

Core courses

- Media and democracy
- Political institutions and communication
- Qualitative research methods
- Social science statistics 1.

Optional courses

- Challenges in international politics
- China's international politics
- Comparative public opinion
- EU in international politics and development
- Human rights and global politics
- Humanitarian intervention
- Institutions and policies of the European Union
- Internet and civil society
- Media and democratisation in Central and Eastern Europe and the former Soviet Union
- Media, war and security
- Media, communications and journalism: Criticism and theory.

Note: Some courses may not be available every year. You may also be able to choose from courses in the other subjects in the School of Social & Political Sciences.

Career prospects

Career opportunities include positions in research organisations such as think-tanks; public relations and communications in government agencies, political parties, charities and international organisations; politics and political consultancy; political journalism; media policymakers; and higher education, including doctoral studies.

Why Glasgow

- If you want to work as a researcher, develop academic research skills or embark on a PhD in political communication and related subjects, this programme is designed for you.
- The programme draws on very strong staff expertise in political communication, as well as recognised strength in comparative politics and international relations.

SOCIOLOGY

Criminology

MRes: 12 months full-time; 24 months part-time
PgDip: 9 months full-time; 21 months part-time

This programme introduces the theoretical and conceptual resources relevant to the study of crime, criminal justice and crime policy. It provides advanced training in social research methods.

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Programme structure

The four core courses and two optional courses provide you with in-depth knowledge of current criminological issues and refine your social research abilities. For the MRes you will apply your analytical and research skills to a specialised topic and produce a dissertation.

Core courses

- Understanding and explaining crime and social control
- Research and enquiry in crime and criminal justice
- Social science statistics 1
- Qualitative research methods.

Optional courses

At least one must be taken from the following:

- Criminal justice: global challenges
- Rehabilitation and desistance from crime
- Penology and punishment
- Crime, media and popular culture
- Crime and community safety
- Criminological perspectives on security
- The global criminal economy.

Career prospects

The MRes is an ideal pathway towards a PhD and a career in academia. It will also prepare you for a career in research or policy development, especially with those public agencies and voluntary organisations concerned with crime prevention and community safety.

Why Glasgow

- This MRes will prepare you for a career as a researcher or for undertaking a PhD in criminological or criminal justice research. It is recognised for an Economic and Social Research Council 1+3 award through the Scottish Doctoral Training Centre.
- You will benefit from the combined strengths of staff from the Scottish Centre for Crime & Justice Research who are based at the University.

Criminology & Criminal Justice

MSc: 12 months full-time; 24 months part-time
PgDip: 9 months full-time; 21 months part-time

Recognising the challenge for politicians, policymakers and practitioners in the criminal justice and criminal law fields, this programme addresses the complex problems that crime poses for contemporary societies.

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Programme structure

You will take core courses in criminological theory, criminal justice systems and processes, and research design and methodology. You also have the opportunity to take optional courses from a range of subject areas. In addition, the MSc programme requires you to produce a dissertation on a subject of your choice.

Core courses

- Understanding and explaining crime
- Research and enquiry in crime and criminal justice.

Sample optional courses

- Punishment and penology
- Crime, media and popular culture
- Rehabilitation and desistance from crime
- The global criminal economy
- Managing and controlling crime
- Women and girls in crime and justice
- International trafficking in cultural objects.

Career prospects

You will be well equipped for careers in public, private and third sector agencies concerned with crime prevention and community safety. The programme provides an excellent professional development choice for social workers and social work managers, prison governors or officers, police officers and lawyers.

Why Glasgow

- The programme provides you with the key attributes for professions related to criminal justice.
- You will benefit from the combined strengths of staff from the Scottish Centre for Crime & Justice Research who are based at the University.

Equality & Human Rights (MSc)

MSc: 12 months full-time; 24 months part-time

This programme offers a unique opportunity for you to gain knowledge about a wide range of equality issues and to think across the dimensions of inequality.

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Programme structure

You will take two core and four optional courses, as well as submit a 12,000 – 15,000 word dissertation.

Core courses

- Equality and human rights
- Methods of social research.

Optional courses

- The disabling society
- Sexualities and society
- Racism and modernity
- Religion in society
- Class and stratification
- Gender in society.

Career prospects

This programme will provide useful background knowledge for careers in areas involving the negotiation of equality and implementation of human rights. This would include work with non-governmental organisations, equality and diversity groups, charities and government.

Why Glasgow

- The programme responds to radical changes in approaches to equalities and human rights in Scotland, the UK and beyond.
- Taught by a team of specialists from a range of areas of inequality, including gender, racism, sexuality, disability and faith, the programme looks at what equality and human rights mean and what practical steps can be taken to achieve them.

Equality & Human Rights (MRes)

MRes: 12 months full-time; 24 months part-time

This programme examines equality and human rights in a social context, empirically and theoretically, while also providing advanced training in sociology and social science research methodology to fulfil Economic & Social Research Council (ESRC) postgraduate research training requirements.

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Programme structure

You will take four core courses and two optional courses as well as completing a dissertation.

Core courses

- Advanced qualitative methods
- Equality and human rights
- Qualitative methods
- Social science statistics 1.

Optional courses

- Gender and society
- Sexualities and society
- Racism and modernity
- Religion in society
- Class and stratification
- The disabling society.

Career prospects

The programme will provide you with initial expertise in equality and human rights as a foundation for a professional or research career.

Why Glasgow

- You will examine key debates and theories concerning equality and human rights and how they have influenced social policy and practice, develop a critical understanding of sociology, and gain skills in quantitative and qualitative research methods.
- You are taught research methods by expert staff from many disciplines within the College of Social Sciences. This means you benefit from a range of specialist knowledge and methodology.

Global Health

MSc: 12 months full-time; 24 months part-time

This programme will develop your critical analysis of key issues within health and medicine, health policy and health planning from a social science perspective and adopts a multidisciplinary focus.

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Programme structure

Health is one of the most important aspects of everyday life in the modern world. Health is often taken for granted and only becomes important when it is threatened. It is also an area where large resources are invested and health services and health care represent some of the largest sectors in economies of more affluent societies. There are a range of different approaches that the social sciences can employ to engage with health and can contribute to our understanding of health, healthcare and health systems.

The aim of this MSc is to provide you with a global understanding of health from the social sciences perspective. It brings together experts from across the social sciences and health service research and will provide in-depth and specialist analysis of a range of topics, marrying different theoretical and applied approaches. As well as taught courses, which are designed to give you the tools and understanding necessary to engage confidently with current issues in the field, you will have the opportunity to devise and carry out a sustained piece of research on an area or topic of your own particular interest.

Core courses

- Health in its social context
- Methods of social research.

Optional courses

- The disabling society
- Public policy for health
- History of medicine from 1850 – 2000
- Medical anthropology
- Global health economics
- Globalisation and health
- Psychosocial approaches to health.

Career prospects

The College of Social Sciences graduate school organises a range of employability workshops as well as frequent training events designed to help you make the most of your time at the University. Career opportunities include positions as Healthcare Professionals and Healthcare Policy Advisers and in public healthcare systems, and the voluntary and third sector.

Why Glasgow

- You will be able to locate health and its determinants, and discuss the role of equality and inequality, category and location and their influence on health.
- You will examine health issues that arise for particular groups and across national boundaries, as well as specific sectors and organisations such as health and social care, education, local government and employment.

Media, Communications & International Journalism

MSc: 12 months full-time; 24 months part-time

This programme combines the latest in media, communications and audience theory, and research methodologies with the production and editorial skills that are required of the modern journalist. You can apply your understanding of the role of the media in society to your own journalistic output.

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Programme structure

You will take four core and two optional courses, followed by a dissertation or research project. Courses are taught through a combination of lectures and seminars.

Practical skills in news-gathering and programme-making will be developed through seminars and workshops which will focus on the delivery of journalistic articles and features across media.

Core courses

- Media, communications and journalism: Criticism and theory
- Methods of social research
- Practical news journalism
- Researching audiences and the media.

Sample optional courses

- Challenges in international politics
- China's international politics
- Comparative European politics
- Crime, media and popular culture
- The foreign policy of the United States
- Global economy
- Human rights and global politics
- Institutions and policies of the European Union
- International security and global politics
- The internet and civil society
- Media and democracy
- Public policy and management.

Career prospects

The programme is aimed at those interested in pursuing careers in the public domain (journalism, public relations, factual TV and radio, government bodies, voluntary organisations, museums) where skills in media and communications are essential. However, a working and critical knowledge of media and communications is increasingly desirable in areas as diverse as health, education and finance.

Why Glasgow

- You will be taught by members of the Glasgow Media Group, which has an international reputation for pioneering research methods in media and communications.
- The Glasgow Media Group comprises industry-trained programme-makers and the programme includes a practical element related to transferable skills for employability.

Sociology

MSc: 12 months full-time; 24 months part-time

This programme will provide you with an advanced introduction to sociology and you will develop a critical understanding of the discipline.

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Programme structure

The programme has a flexible structure, with over half the taught courses as options. Following from this, you will produce a sustained account of research in a chosen area, and conduct empirical research in that area, through a dissertation project.

Core courses

- Current issues in social theory
- Methods of social research.

Optional courses

You will choose three optional courses from the list below. You may choose to take one option from other postgraduate taught courses in the School of Social & Political Sciences.

- The disabling society
- Religion in society
- Sexualities and society
- Gender and society
- Racism and modernity
- Introduction to social theory
- Class and stratification.

Career prospects

A postgraduate education in sociology provides a variety of skills useful in the contemporary labour market. These include critical thinking, appreciation of the impact of institutions, including how people mediate them, and the ability to conduct research and utilise data.

Why Glasgow

- This programme will develop your knowledge of the different theoretical and analytical approaches in sociology, together with knowledge of empirical studies in social research, while enabling you to focus in depth upon particular areas of sociology.
- You will also be given some research methods training.

Sociology & Research Methods

MRes: 12 months full-time; 24 months part-time

This programme provides extensive training in social research methods and is recognised as postgraduate research training by the Economic & Social Research Council.

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Programme structure

You will take four core and two optional courses and complete a dissertation.

Core courses

- Social science statistics 1
- Qualitative methods
- Current issues in social theory
- Advanced qualitative methods.

Optional courses

- Religion and society
- Sexualities and society
- The disabling society
- Gender and society
- Racism and modernity
- Introduction to social theory
- Class and stratification
- Social science statistics 2.

Career prospects

This programme enhances employability in a range of public and private sector organisations, which increasingly value skills in conducting and interpreting social research.

Why Glasgow

- You will develop your knowledge of sociology, including a critical understanding of social theory and a knowledge of empirical research studies.
- The programme provides an advanced education in sociology, but can also serve as preparation for further sociological research in a PhD, to which many of our students successfully progress.

Transnational Crime, Justice & Security

MSc: 12 months full-time; 24 months part-time

This programme considers pressing contemporary global issues from a criminological perspective, including organised crime, trafficking, terrorism and environmental crime.

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Programme structure

- Through a combination of lectures, seminars and project work you will enhance your understanding of relevant theoretical approaches, concepts, debates and techniques of criminological enquiry as they relate to the study of transnational crime and security in a globalised context.
- The programme helps develop your appreciation of the routines and structures of the global criminal economy, including contemporary developments in transnational organised crime and the illicit global economic activities of states, corporations and white-collar criminals.
- You will practically apply criminological knowledge to critically analyse contemporary social, legal, political and policy issues in transnational crime and security.
- Through these approaches you will develop the analytical skills to contribute to public debate on crime and security issues.

Core courses

- Understanding and explaining crime and social harm
- Criminological perspectives on security and globalisation
- Research and enquiry in criminology and criminal justice
- The global criminal economy: white-collar crime and organised crime.

Optional courses

- Crime, media and popular culture
- Criminal justice: global challenges
- Crime and community safety
- Rehabilitation and desistance from crime
- Punishment and penalty.

Career prospects

You will be equipped for careers in public, private and third sector agencies concerned with crime prevention policy and strategy, especially with international and cross-border agencies.

Why Glasgow

- You will gain access to a wide range of potential careers and further academic pathways related to understanding international crime and developing strategies and policy for its prevention.
- You will benefit from the combined strengths of staff from the University's Scottish Centre for Crime & Justice Research.

URBAN STUDIES

City & Regional Planning

MSc: 12 months full-time; 24 months part-time, up to 60 months on modular basis

This programme will deliver a highly regarded professional education in city and regional planning. It has been developed in close consultation with the relevant professional, policy and business communities and is intended to provide an intensive fast-track entry to a professional career.

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Programme structure

You will take a series of core courses, choose optional courses and undertake a dissertation or a major project in planning.

The core semester 1 courses focus on planning and urban theories, principles and practices which are necessary for you to build the knowledge base required of planners. Towards the end of semester 1 you will start to develop core spatial planning skills and continue to do so in semester 2 with real-life projects, designed to build your spatial planning competencies and enable you to become a reflective practitioner.

Core courses

- Contemporary planning systems
- Designing places
- Development economics
- Development process
- Global cities
- Governance and markets
- Professional practices, ethics and management
- Spatial planning strategies.

Optional courses

- Urban design policy and practice AND a specialist urban design course.
- Sustainable housing development.

Career prospects

As a graduate you will be in possession of an MSc degree recognised by the Royal Town Planning Institute and will be able to develop your career as a chartered town planner. Opportunities exist in planning and development agencies and consultancies, property developers, housebuilders, local authorities, regeneration and development agencies and the civil service.

Why Glasgow

- This programme is intended to prepare students for a career as a chartered town planner, and as a member of the Royal Town Planning Institute (RTPI).
- There is significant input from industry to our teaching programme. There are also informal opportunities to meet people from industry at open events and recruitment presentations. We will also support you to arrange professional work placements.

City Planning & Real Estate Development

MSc: 12 months full-time; 24 months part-time, up to 60 months on modular basis

This programme will deliver a highly regarded professional education in city planning and real estate development. It has been developed in close consultation with the relevant professional, policy and business communities and is intended to provide an intensive fast-track entry to a professional career.

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Programme structure

You will take a series of core courses and undertake a dissertation or a major project in planning and real estate development.

Core courses provide you with a grounding in core knowledge and skills required of planners and surveyors working within the planning and development field. Subjects covered include planning and real estate development processes, real estate economics, valuation and development appraisal and spatial planning strategies.

Core courses

- Contemporary planning systems
- Designing places
- Development economics
- Development process
- Global cities
- Governance and markets
- Professional practices, ethics and management
- Spatial planning strategies
- Real estate markets
- Real estate valuation and appraisal.

Courses are assessed by a mix of continuous methods to enable you to develop a suitable balance of planning and real estate development competencies. They will involve you attending lectures, seminars and tutorials and taking part in project, IT lab, field and teamwork.

Career prospects

As a graduate you will be in possession of an MSc degree recognised by the Royal Institution of Chartered Surveyors (RICS) and the Royal Town Planning Institute (RTPI). You can develop your career as a chartered town planner, chartered surveyor, or both.

Why Glasgow

- If you want to establish a career as a chartered town planner and/or chartered surveyor, this programme is designed for you.
- The programme is professionally accredited by the Royal Institution of Chartered Surveyors (RICS) and the Royal Town Planning Institute (RTPI).



City Planning & Regeneration

MSc: 12 months full-time; 24 months part-time, up to 60 months on modular basis

This programme will deliver a highly regarded professional education in city planning and regeneration. It has been developed in close consultation with the relevant professional, policy and business communities and is intended to provide you with an intensive fast-track entry to a professional career.

gla.ac/1HdmCSt
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Programme structure

You will take a series of core courses and undertake a dissertation or a major project in planning and regeneration.

The core semester 1 courses focus on planning and urban theories, principles and practices which are necessary for you to build a solid understanding of how cities, markets, institutions and the planning process function. In semester 2 you will build on this knowledge base by developing core spatial planning skills and a solid grounding in regeneration. Courses will involve you attending lectures, seminars and tutorials and taking part in project, lab, field and teamwork.

Core courses

- Contemporary planning systems
- Designing places
- Development economics
- Development process
- Global cities
- Governance and markets
- Professional practices, ethics and management
- Spatial planning strategies
- Regenerating cities.

Career prospects

As a graduate you will be in possession of an MSc degree recognised by the Royal Town Planning Institute and will be able to develop your career as a chartered town planner. Opportunities exist in planning and development agencies and consultancies, property developers, housebuilders, local authorities, regeneration and development agencies and the civil service.

Why Glasgow

- If you want to establish a career as a chartered town planner, this programme is designed for you.
- The programme is professionally accredited by the Royal Town Planning Institute (RTPI).

Housing Studies

MSc: 12 months full-time; 24 months part-time
PgDip: 9 months full-time; 21 months part-time

This programme allows you to examine the national and international contexts for the development of housing systems, policies and practices, and provides a framework for discussing the development, financing, and management of housing with an emphasis on social rented housing in the United Kingdom.

gla.ac/1IAD2pT
nigel.springs@glasgow.ac.uk

Programme structure

The programme is structured around core and optional courses, many of which are shared with other postgraduate programmes within Urban Studies, facilitating interaction with professionals seeking qualifications in related fields.

For part-time students the programme is designed assuming one day a week attendance over two years; for full-time students these two teaching days are attended over one year. Students may wish to spread study over a longer period and can do so through the modular route.

Core courses

- Foundations of housing management
- Graduate school dissertation methods course (MSc only)
- Housing contexts
- Housing businesses
- Professional practice ethics and management
- Scottish housing law
- Understanding housing markets.

Optional courses

- Designing places
- Development process
- Evaluating evidence and policy
- Housing inequality and society
- International urban challenges
- Regenerating cities and neighbourhoods
- Sustainable housing development.

Career prospects

Career opportunities exist within local government, housing associations and charities engaged in housing management practice. There are additional opportunities in the voluntary sector such as housing law, advice, and campaigning. The statutory sector also has a range of housing policy roles (central and local government). The qualification is recognised throughout the UK.

Why Glasgow

- If you are working or seeking to work in the social housing sector in the UK (or in a closely related field), this programme has been designed for you.
- The programme is validated by the Chartered Institute of Housing (CIH), and can meet all the academic requirements for membership of the professional body for students with work experience.

International Planning Studies

MSc: 12 months full-time; 24 months part-time, up to 60 months on modular basis

This programme is a combined spatial planning degree that offers students the unique opportunity to specialise in international planning. Interdisciplinary and holistic in nature, this programme develops the core urban planning knowledge and skills necessary for planning practitioners with a professional interest in global planning systems.

gla.ac/1JcyFSI
amini.kamete@glasgow.ac.uk

Programme structure

You will take a series of core courses, choose optional courses and undertake a dissertation or a major project in international planning. There is also an opportunity to take part in an international study trip.

Core courses

- Global cities
- Governance and markets
- Development process
- Development economics
- Professional practice, ethics and management
- Contemporary planning systems
- Designing places
- Spatial planning strategies.

Optional courses

- International urban challenges
- Asian cities.

Career prospects

Career opportunities exist in planning and development agencies and consultancies, property developers, housebuilders, local authorities, regeneration and development agencies and the civil service.

If you are interested in helping to shape the future of towns, cities and regions, this programme will provide you with an excellent base on which to build a fascinating and rewarding career.

We introduce you to key drivers of urban change, including real estate markets and governance processes. We set Scottish experience in an international context, challenging you to reconcile the social, economic and environment aspects of sustainable urban development. We offer a practically oriented programme with professional accreditation, bringing you into direct contact with developers, investors, consultants, planners and other key actors.

Why Glasgow

- This programme is intended to prepare students for a career as a chartered town planner as a member of the Royal Town Planning Institute (RTPI).
- There is significant input from industry to our teaching programme, including teaching on some courses, guest lectures and seminars.

International Real Estate

MSc: 12 months full-time; 24 months part-time, up to 60 months on modular basis

This programme offers students the opportunity to explore international property markets while also learning from the real estate market and practice here in the UK. Interdisciplinary and holistic in nature, this programme examines the factors that influence the pricing of real estate.

gla.ac/1zZbxVi
allison.orr@glasgow.ac.uk

Programme structure

You will take a series of core courses, choose optional courses and undertake a dissertation or a major project in international real estate. There is also an opportunity to take part in an international study trip. The real estate profession is multi-disciplinary in nature, so you will begin with lectures, seminars, tutorials and case studies in courses that provide you with an understanding of how urban economies and markets function, and the processes involved in urban development.

Core courses

- Global cities
- Governance and markets
- Development process
- Development economics
- Professional practice, ethics and management
- Real estate valuation and appraisal
- Advanced real estate valuation and appraisal
- Real estate finance and investment
- Real estate markets.

Optional courses

- Asian cities
- International real estate analysis.

Career prospects

Opportunities exist in real estate agencies and consultancies, financial institutions, property developers, housebuilders, local authorities, and the civil service. There are also informal opportunities to meet people from industry at open events and recruitment presentations and we will also support you to arrange professional work placements.

Why Glasgow

- If you are interested in helping to shape the future of towns, cities and regions, this programme will provide you with an excellent base on which to build a fascinating and rewarding career.
- There is significant input from industry to our teaching programme, including teaching on some courses, guest lectures and seminars.

International Real Estate & Management

MSc: 12 months full-time; 24 months part-time, up to 60 months on modular basis

This programme provides you with a detailed understanding of the global real estate industry and modern business principles, techniques and contextual conditions. The programme is tailored for those who anticipate a career with international professional real estate service advisers or corporate real estate management.

gla.ac/1RDIIso
allison.orr@glasgow.ac.uk

Programme structure

You will take a series of core courses and optional courses, and undertake a dissertation or a major project in real estate.

Core courses in semester 1 are multidisciplinary in nature and use lectures, seminars, tutorials and cases studies to focus on urban development and planning theories, principles and policies.

Core courses

- Advanced real estate valuation and appraisal
- Development process
- International real estate analysis
- Professional practice, ethics and management
- Marketing management
- Managing strategic change
- Real estate valuation and appraisal
- Real estate markets
- Strategic real estate management.

Optional courses

- Development economics
- Project management
- Operations management
- Real estate finance and investment.

Career prospects

There is a high demand for corporate real estate managers who can act on their own initiative, make decisive financial decisions, show leadership potential and adapt to changing circumstances. As a graduate of this programme, these are the kind of attributes we would expect you to possess.

Why Glasgow

- If you want to establish a career as a chartered surveyor, primarily as a member of the Management Consultancy or Commercial Property Professional Groups of the Royal Institution of Chartered Surveyors (RICS), this programme is designed for you.
- You will understand how real estate can support the core activities of any organisation and enable you to make informed financial decisions through the application of real estate valuation and appraisal techniques.

Public & Urban Policy

MSc: 12 months full-time; 24 months part-time
PgDip: 9 months full-time; 21 months part-time

This programme is designed for people interested in how policy decisions are made and how they impact on the real world. There is a focus on urban issues nationally and globally, and opportunities to study other significant public policy fields.

gla.ac/1E55FFc
moira.munro@glasgow.ac.uk

Programme structure

The programme combines a mix of core courses, with a range of options offered to allow flexibility for you to develop your own interests and specialism. It is an interdisciplinary course, delivered by academics at the cutting edge of their fields and uses a broad range of methods (lectures, seminars, projects, discussions, workshops) to provide a rich learning experience.

Throughout the programme there is an emphasis on practical problems and acting 'in the real world'. This is reinforced by contributions from a range of senior, experienced practitioners and policymakers from a broad range of organisations, who enhance understanding of real-world problems and solutions.

It is delivered over two semesters followed by an independent research project where you can research a topic in more depth. All assessments are extended written assignments – there are no exams.

Core courses

- Global cities
- Understanding public policy
- Governance and markets
- Evidence, evaluation and policy
- Social science research methods.

Optional courses

- Regenerating cities
- International urban challenges
- Designing places
- Crime and community safety
- Understanding health policy
- Sustainable housing development
- Housing and the inclusive society.

Career prospects

Career opportunities include working within central or local government, the public or voluntary sector in a policymaking or evaluation role. You would also be equipped to proceed to a PhD in a policy-related subject.

Why Glasgow

- Glasgow is an inspiring place to study problems of public and urban policy, both as a laboratory of many profound challenges, and providing many examples of leading and innovative approaches to tackling such issues.
- The programme involves expert contributions from those working in a range of policy fields and fieldtrips to study policy initiatives on the ground.

Public Policy & Management

MSc: 12 months full-time; 24 months part-time
PgDip: 9 months full-time; 21 months part-time

This programme combines courses that examine the policymaking process, policy analysis and evaluation and real-world public policy challenges, with professional management courses. It aims to develop future public sector leaders who understand both the organisational contexts and the challenges that face governments.

gla.ac/1cw8F7w
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Programme structure

This programme combines core courses in public policy and management with a range of options, designed to allow you to develop expertise in core public policy fields.

Throughout the programme there is an emphasis on acting in the real world, and understanding the complexities of real-world problems and solutions.

Teaching takes place over two semesters, followed by an independent research project where you can research an issue of interest to you in more depth.

Core courses

- Understanding public policy
- Managing strategic change
- Governance and markets
- Project management
- Evaluation, evidence and policy
- Methods of social research
- Managing innovation and creativity.

Sample optional courses

- Understanding health policy
- International urban challenges
- Urban theory and research
- Sustainable housing development
- Regenerating cities.

Career prospects

Career opportunities include working within central or local government, policy advice and development roles, or policy evaluation and assessment. Core management skills equip students for a wide range of roles across the private and public sector.

Why Glasgow

- Glasgow is an inspiring place to study problems of public and urban policy, both as a laboratory of many profound challenges, and providing many examples of leading and innovative approaches to tackling such issues.
- You will benefit from professional management courses, delivered by the Adam Smith Business School, providing an insight into practical challenges facing all successful organisations.

Public Policy Research

MRes: 12 months full-time;
24 months part-time

This programme provides students with an excellent grounding in social science research methods and theory and in contemporary public policy analytical processes. It is ideally suited for students wishing to undertake a PhD or to work in public, third or private sector organisations.

gla.ac/1lxnncf
mhairi.mackenzie@glasgow.ac.uk

Programme structure

The core teaching for this programme is delivered over two semesters followed by the completion of an independent research project. The majority of teaching is delivered through lectures and seminars, but may also include lab work, input from policy/practice experts and, in some cases, UK fieldtrips.

Core courses

- Social science statistics
- Qualitative methods
- Introduction to social theory for researchers
- Understanding public policy
- Evidence, evaluation and policy.

Core non-assessed components

- Graduate school induction week
- IT discovery and resources
- Transferable skills and personal development planning.

Optional courses

- Social science statistics 2
- Advanced qualitative methods
- A wide range of options across Urban Studies, the School of Social & Political Sciences or College of Social Sciences, as approved by the programme director.

Career prospects

The programme aims to provide a strong foundation for advanced research in public policy, both in the context of careers in the public and voluntary sectors, and especially of further studies to PhD level. These are the routes taken by most of our students on completion of the programme.

Why Glasgow

- Studying public policy theory and practice within the urban setting of Glasgow allows for direct engagement with many of the most pressing public policy problems of our time and with the types of solutions being developed to combat these.
- Our programme is recognised by the Scottish Graduate School which oversees the allocation of ESRC studentships.

Real Estate (MSc)

MSc: 12 months full-time;
24 months part-time,
up to 60 months on modular basis



This programme will deliver a highly regarded professional education in real estate. It has been developed in close consultation with the relevant professional, policy and business communities and is intended to provide an intensive fast-track entry to a professional career.

gla.ac/1FdDGbl
allison.orr@glasgow.ac.uk

Programme structure

You will take a series of core courses, choose optional courses and undertake a dissertation or a major project in real estate.

The core semester 1 courses are multidisciplinary in nature and use lectures, seminars, tutorials and cases studies to focus on the urban development and planning theories, principles and policies which are necessary for you to build a thorough understanding of how urban areas and economics function. In addition, you will gain an appreciation of real estate values and apply valuation and appraisal principles and techniques in practice-based activities.

In semester 2 you will build on this knowledge base by developing core real estate skills, using project, IT lab, field and teamwork activities and assessments.

Core courses

- Advanced real estate valuation and appraisal
- Development economics
- Development process
- Global cities
- Governance and markets
- Professional practice, ethics and management
- Real estate markets
- Real estate finance and investment
- Real estate valuation and appraisal.

Optional courses

- Strategic real estate management
- International real estate markets
- International corporate finance.

Career prospects

As a graduate you will be in possession of an MSc degree recognised by the Royal Institution of Chartered Surveyors (RICS) and can develop your career as a chartered surveyor.

Why Glasgow

- If you plan a career as a chartered surveyor, primarily as a member of the Commercial Property or Valuation or Property Finance and Investment Professional Groups of the Royal Institution of Chartered Surveyors (RICS), this programme is made for you.
- The programme is professionally accredited by the RICS.

Real Estate (PgCert)

PgCert: up to 48 months
on modular basis



This programme provides you with a comprehensive and professionally focused overview of the industry. If you are already in real estate and want to extend your knowledge and understanding of the industry through reflective and structured Continuing Professional Development (CPD) learning, this programme is for you.

gla.ac/1FdDQ2N
allison.orr@glasgow.ac.uk

Programme structure

This programme is intended to provide a recognised University qualification for practitioners who wish to extend their knowledge and understanding through reflective and structured CPD learning. It is also a good first step if you want to make a start in this industry, or it may also serve as a launch pad for less experienced students into the range of MSc programmes in Real Estate, Planning & Regeneration.

Core courses

- Development economics
- Development process
- Real estate markets
- Real estate valuation and appraisal.

Optional courses (you will choose two)

- Professional practice, ethics and management
- Real estate finance and investment
- Strategic real estate management.

Career prospects

Career opportunities exist in real estate development, investment and management.

Why Glasgow

- There is significant input from industry to our teaching programme, including teaching on some courses, guest lectures and seminars. There are also informal opportunities to meet people from industry at open events and recruitment presentations.
- You can gain this qualification in a manner that works best with your professional commitments, either through one year of full-time study or on a modular basis over two or more years.

Real Estate & Regeneration

MSc: 12 months full-time;
24 months part-time,
up to 60 months on modular basis



This programme delivers a highly regarded professional education in real estate and regeneration. It has been developed in close consultation with the relevant professional, policy and business communities and is intended to provide an intensive fast-track entry to a professional career.

gla.ac/1PGeMmF
allison.orr@glasgow.ac.uk

Programme structure

You will take a series of core courses and undertake a dissertation or a major project in real estate and regeneration.

The real estate profession is multi-disciplinary in nature, so you will begin with a grounding in a broad base of theories and principles that will provide you with an understanding of how cities, markets, institutions and development processes function. In semester 2 you will build on this knowledge base by developing core real estate competencies and a solid grounding in regeneration processes. Courses will involve you attending lectures, seminars and tutorials and taking part in project, IT lab, field and teamwork.

Core courses

- Advanced real estate valuation and appraisal
- Development economics
- Development process
- Global cities
- Governance and markets
- Professional practice, ethics and management
- Real estate markets
- Real estate finance and investment
- Real estate valuation and appraisal
- Regenerating cities.

Career prospects

As a graduate you will be in possession of an MSc degree recognised by the Royal Institution of Chartered Surveyors (RICS) and can develop your career as a chartered surveyor. Opportunities exist in property developers, housebuilders, local authorities, real estate agencies and consultancies, regeneration and development agencies and the civil service.

Why Glasgow

- If you want to establish a career as a chartered surveyor, primarily as a member of the Planning and Development Professional Group of the Royal Institution of Chartered Surveyors, this programme is designed for you.
- The programme is professionally accredited by the RICS.

Spatial Planning

PgCert: up to 48 months on modular basis

This programme aims to help you acquire a broad foundation of knowledge in spatial planning, from which more detailed or specialist study can be developed, and to relate academic thinking and research at the forefront of spatial planning to your own experience, whether at work or otherwise.

gla.ac/1EDcPkP
amini.kamete@glasgow.ac.uk

Programme structure

The Certificate requires you to take four core planning courses (40 credits) and choose from a range of optional courses. Courses will involve you attending lectures, seminars and tutorials and taking part in project, lab, field and teamwork.

Core courses will provide you with an understanding of the fundamental concepts in planning and apply them to particular case studies. The key areas of spatial planning you will examine are:

- Planning systems and process
- Governance and markets, policies and processes
- Spatial planning strategies.

Career prospects

Career opportunities include positions in local and national government and private-sectors consultancies in spatial planning, development management and regeneration.

Why Glasgow

- There is significant input from industry to our teaching programme, including teaching on some courses, guest lectures and seminars. There are also informal opportunities to meet people from industry at open events and recruitment presentations.
- If you satisfy the progression requirements, this qualification provides an entrance route to the MSc in City & Regional Planning, MSc in City Planning & Regeneration and MSc in City Planning & Real Estate Development.

Urban Research

MRes: 12 months full-time;
24 months part-time

This programme provides students with an excellent grounding in social science research methods and theory and in the theoretical and policy debates around urban space and place. It is ideally suited to students wishing to undertake a PhD or to work in public, third or private sector organisations within a research or policy role.

gla.ac/1JGY8Bw
mhairi.mackenzie@glasgow.ac.uk

Programme structure

The core teaching for this programme is delivered over two semesters, followed by the completion of an independent research project. The majority of teaching is delivered through lectures and seminars, but may also include lab work, input from policy/practice experts and, in some cases, UK fieldtrips.

Core assessed components

- Social science statistics 1
- Qualitative methods
- Introduction to social theory for researchers
- Global cities
- Urban theory and research
- Dissertation.

Core non-assessed components

- Graduate school induction week
- IT discovery and resources
- Transferable skills and personal development planning.

Optional courses

- Social Science Statistics 2
- Advanced Qualitative Methods
- A wide range of options across Urban Studies, the School of Social & Political Sciences or College of Social Sciences as approved by the Programme Director.

Career prospects

The programme aims to provide a strong foundation for advanced research in urban studies, both in the context of careers in the public and voluntary sectors, and especially of further studies to PhD level. These are the routes taken by most of our students on completion of the programme.

Why Glasgow

- Studying urban research within the setting of Glasgow allows for direct engagement with many of the most pressing urban problems of our time and with the types of solutions being developed to combat these.
- Our programme is recognised by the Scottish Graduate School, which oversees the allocation of ESRC studentships.

Urban Transport

MSc: 12 months full-time; 24 months part-time

This programme is designed to educate students to meet the needs of cities and urban areas in planning and managing surface transport systems. The programme will provide students with the opportunity to critically engage with theory and practice in relation to working for governmental organisations and private sector consultancies.

gla.ac/1L1Dw88
jinhyun.hong@glasgow.ac.uk

Programme structure

A cross-disciplinary course approach will ensure you learn industry-specific skills in both transport planning and engineering and allows you to focus more heavily on either of the two strands of the programme.

Key courses on transport will be followed by lab sessions where practical lessons on the use of highly specialised software will be given in the form of either independent or group projects. This approach will help students not only to acquire theoretical knowledge but also to apply their knowledge to real-world problems with actual data. Students will be expected to submit essays and lab reports as part of their course assessment, and a dissertation at the end of the programme.

Core courses

- Transport studies
- Theory and principles of sustainability
- Principles of GIS (Geographical Information System)
- Social science statistics 1
- Project management
- Transport planning methods
- Transport planning lab.

Optional courses

- Spatial planning strategies
- International urban challenges
- Transportation systems engineering
- Autonomous vehicle guidance systems.

Career prospects

The programme will prepare students for successful careers in transportation planning, policy analysis and management in public sector agencies, private companies and non-profit organisations. A typical career trajectory upon graduation would be an entry or mid-level position in a government department of transport or a similar position in a private consulting firm.

Why Glasgow

- The programme will help you understand stakeholders and connections with energy, environment, housing, land-use, economic development, labour markets and related sectors as well as the technical planning process.
- The focus will be on multiple modes of urban transport – roads, public transport, active transport and emerging shared and intermodal transport – enabling students to design highly innovative urban transport solutions. Adam Smith Business School



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THE SMALL PRINT

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All students will be required as a condition of registration (matriculation) to abide by, and to submit to the procedures of, the University's rules and regulations, as amended from time to time. A copy of the current regulations is available, on request, from Student Services, or the University Calendar can be viewed online at: www.glasgow.ac.uk/senate/calendar

Every effort has been made to ensure the accuracy of the information contained within this publication but it is subject to alteration without notice. The University will use all reasonable endeavours to deliver courses in accordance with the descriptions set out in this publication. The University, however, reserves the right to make variations to the contents or methods of delivery of courses, to discontinue courses and to merge or combine courses, if such action is reasonably considered to be necessary by the University. If the University discontinues any course, it will use its reasonable endeavours to provide a suitable alternative course. In the event of industrial action or other circumstances beyond the University's control interfering with its ability to provide these courses or services, the University will undertake to minimise disruption as far as is practicable.

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The University is proud of its associations with The Glasgow School of Art and Scotland's Rural College. Both are independent higher education institutions. If you apply for a programme offered by either institution, you will pursue your studies at that institution but your final degree will be conferred by the University of Glasgow. Applications should be made to the institution and not to the University.

The University has made separate arrangements with each institution for access to University facilities. The institution concerned will provide guidance on these arrangements. For further information: www.gsa.ac.uk and www.sruc.ac.uk

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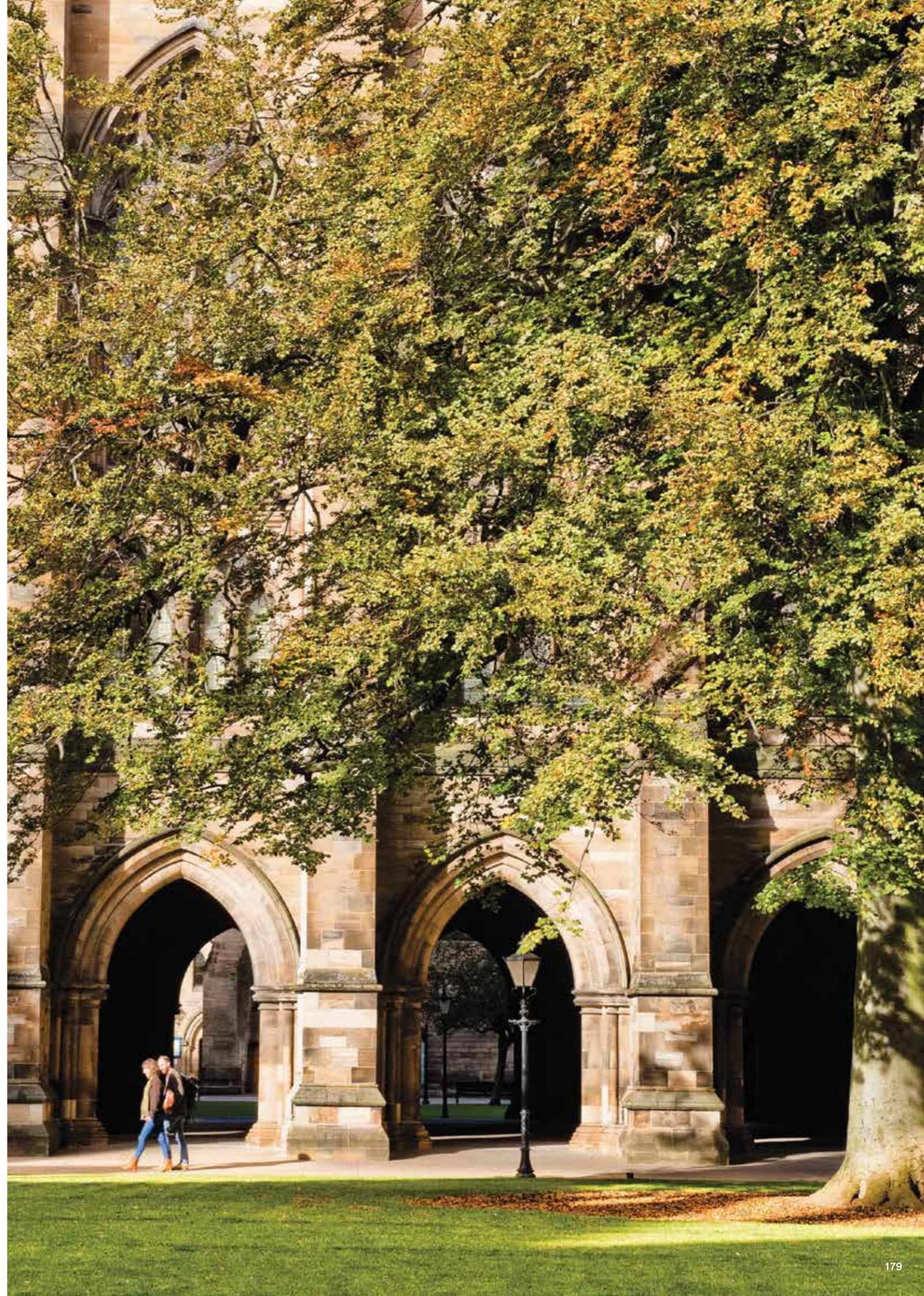
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