While our open days are the best way to find out more about student life, there are plenty of other opportunities to visit our campuses. In addition to Offer Holders’ Day and campus tours, you can also plan your own visit. We look forward to welcoming you soon.

VISIT US

For details about coming to see us, visit: glasgow.ac.uk/visitus
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Gabrielle, French/Scottish, studying Film & Television Studies and Theatre Studies  
@gabrielle  
UofG has a fantastic variety of programmes to choose from and has a very flexible system in terms of subject choices. The university itself is beautiful, located in the delightful West End of Glasgow.  
@UofGlasgow #UofGWorldChangers
I decided to apply to UofG after attending an open day and being thoroughly impressed with both the campus and range of facilities. @UofGlasgow #UofGWorldChangers

Peter, British, studies Psychology & Spanish

Kelvinside Park sits on the banks of the River Kelvin next to the University and includes five bowling greens, four tennis courts, a skateboard park and the open-air Kelvingrove Bandstand.
10 Graduation
After a lot of work and fun, it’s time for us to wish you farewell and good luck.
Who will you become?

YOUR STEPS TO UNIVERSITY

1 Research your options
Choose from around 100 single or 600 joint undergraduate programmes. Check out page 2 for a summary.

2 Experience our Open Day
Visit our inspiring campus and find out more about your subject(s) of interest. See inside front cover for dates.

3 Submit an application
Apply to study with us via UCAS (ucas.com). See page 34 for deadline dates.

4 Offer Holders’ Day
Come along to Offer Holders’ Day to speak to academic and service staff and explore our facilities.

5 Accept your offer
Remember to accept your offer so that we can prepare for your arrival. Check your deadline on UCAS.

6 Apply for accommodation
We have six residences close to campus – see page 18 for details.

7 Results day
Keep an eye on your inbox for your confirmation of a place with us. Fingers crossed!

8 A warm welcome
Settle into university life with a variety of Freshers’ Week and induction events.

9 Work hard, play hard
Glasgow is rated highly for student satisfaction. Plus you can spend a semester or year abroad – see page 28 to find out more.

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Who will you become?
Let's dance
West End Festival Parade

Dissertation = done!
Pipes are calling

EN guard
Helter Skelter
April Fools gag!

Park life

Hogwarts?
Piping Live in George Square
Dizzy heights at The Lighthouse**
Pipes are calling

Bloomin’ lovely

Study break in Kelvingrove Park
New study buddy
Baby you’re a firework

Jump for joy
Oh so lurkly cloisters
Catching some Scottish rays

Saturday Night’s Alright in Ashton Lane

Working hard in UofG Library
World’s friendliest people

TEDx inspires UofG
Dear Green Place
I heart UofG

Stunning skyline
TEDx University of Glasgow

Follow us on Instagram
@UofGlasgow for an insight into student life

TEDx Inspires UofG

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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.

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 captivating arts 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 are 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 music festivals.

Find out more
For more information on Scotland, check out visitScotland.com

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.

WHY SCOTLAND?

The Edinburgh Festival is the world’s largest arts festival.
Getting around
It's easy to travel around Glasgow, whether you choose to walk, take the 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 Topshop 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 Chris Hoy Velodrome and 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, the city is home to more than 20 world-class museums and art galleries, and is proud to have Europe’s largest civic arts collection with works by Van Gogh, Degas and Monet all available to view free-of-charge in venues around the city.

Eating out
The city’s fantastic range of restaurants and cafes 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 first UNESCO City of Music, Glasgow is host to around 130 music events every week. From catching global superstars at the 13,000 capacity SSE Hydro, 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 peoplemakeglasgow.com

DISCOVER 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 fourth-largest city and one of the world’s top student destinations, Glasgow has loads to offer you.
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 Òran 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. Over the festival’s three weeks, you can take your pick from 400 events ranging from music and theatre, to walks, talks and community galas.

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, Kelvingrove Art Gallery and Museum. The museum has 22 themed galleries displaying over 8,000 objects and entry is completely free.
equine surgery and physiotherapy, diagnostic imaging, lameness therapy, which offers services for anaesthesia, tomography and radiotherapy all under one roof.

Hospital – Scotland’s only animal world leaders in global animal health.

Some of the facilities within our attract students, researchers and clinicians from around the world.

Veterinary Medical Association

With over 150 years of veterinary excellence, the School of Veterinary Medicine is pre-eminent in teaching, research and clinical provision, and attracts students, researchers and clinicians from around the world.

• Our research places us amongst the top amongst UK veterinary schools

• Accredited status from the American Veterinary Medical Association

• Top amongst UK veterinary schools for research quality

• Some of the facilities within our internationally accredited school include:
  - the Scottish Centre for Production, Animal Health and Food Safety, which offers diagnostic imaging, fertility assessments and surgical procedures.
  - the Weipers Centre for Equine Welfare, which offers services for anaesthesia, diagnostic imaging, lameness therapy, equine surgery and physiotherapy.

In Dumfries we specialise in interdisciplinary learning. Because we are a relatively small campus you'll get to know your lecturers personally and be able to get your ideas across, building your confidence and advance your critical thinking. We teach you how your subjects relate to each other and to the wider world.

All students can use our virtual learning environment, sharing course content and collaborating with staff and classmates online.

Garscube Campus

Across 80 hectares at the north-west boundary of the city lies our beautiful Garscube estate, just four miles from the University’s Gilmorehill campus.

Home to the School of Veterinary Medicine, the Institute of Cancer Sciences and the MRC Centre for Virus Research, the campus also has a range of indoor and outdoor sports facilities, car parks, parking and excellent public transport links. The sports complex is popular with the University’s outdoor sports teams, with six grass pitches, two all-weather synthetic pitches, gym, tennis courts, cocked over exercise studio and 3km of walking and jogging routes around the grounds.

School of Veterinary Medicine

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Am I eligible?
Most new full-time students studying for a degree, including international students, are guaranteed accommodation (subject to our admissions policy); see glasgow.ac.uk/accommodation

How much does it cost?
Fees range from around £3,520 for a shared room in a self-catered residence or £5,360 for a single en-suite room in a self-catered residence, to around £6,950 for an en-suite single bedroom in catered accommodation for a 39-week contract. See up-to-date prices for all our residences at glasgow.ac.uk/undergraduate/accommodation/fees

What types of residences are available?
We have six student residences for undergraduate students, in convenient locations within walking distance of our main campus. Benefits include:

- trained pastoral living support
- 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 bedrooms
- managed on-site coin-operated laundries

You can compare the facilities online at glasgow.ac.uk/undergraduate/accommodation/fees

Frequently asked questions
To find out the answers to your questions, from when you can apply and move in, to sharing with friends, when to pay and other special requests, visit glasgow.ac.uk/accommodation/faqs

Private Accommodation Viewing Service (PAVS)
If you are looking for private rented accommodation for the next academic year and are unable to view the accommodation yourself, the Students’ Representative Council (SRC) can be of assistance with their new viewing service. The Private Accommodation Viewing Service (PAVS)* involves trained volunteers viewing properties on your behalf and completing a checklist which is then emailed to you, along with photos showing the condition of the property, so you can make a more informed decision about whether to go ahead with renting the property. We can also check landlord registration/HMO licensing and tenancy agreements if required. Full details of the service are available at glasgowstudent.net/advice/accommodation/pavs

Find further information on sourcing private accommodation by visiting glasgowstudent.net/advice/accommodation

Find out more
Tel: +44 (0) 141 330 4743
Email: accom@glasgow.ac.uk

* This service is only for students for UK residents students and we will consider requests from UK students whose circumstances prevent them from viewing properties themselves, depending on levels of demand for the service.
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 over 15,000 members of our sports facilities, and approximately 4,000 students participate in our 50 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 trail running 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.

More classes... More fun... More fitness...
We offer an action-packed programme of fitness classes, specialist courses, drop-in sport sessions and recreational sport leagues to help you get started. We are investing in our future and we’ve spent £10m extending our current sporting facilities in the Stevenson Building. 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
· Squash courts
· Pulse – our state-of-the-art cardio and resistance gym
· PowerPlay - one of the biggest and best weights, conditioning and functional training gyms in the country
· Revolve – Glasgow’s premier indoor cycling studio
· Sports hall with FanZone (the home of indoor sport)
· Activity hall
· Shuttle
· 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 (the home of outdoor sport) and a number of friendly clubs open to new members, you could find yourself enjoying, among others, American football, basketball, rowing, cricket, curling, football, golf, hockey, netball, rugby and volleyball. Our athletes and teams compete against the best in the UK with great success.

Sports bursary programme
If you’re a talented athlete, we offer academic flexibility and a range of services to support you, as well as sports bursaries and scholarships. For further details, see glasgow.ac.uk/sport/support/scholarships.

Membership
Membership is open to all and whether you are here for a couple of months, or several years, we have a number of different categories to help you make the most of your time in Glasgow.

Be inspired... Be involved... Be active...
Find out more
Visit glasgow.ac.uk/sport

GUSA
If you’re passionate about sport, you may wish to join GUSA (our sports union and the oldest student body on campus) which represents the views of all University Sport members.

getaheadofthegame
LIFE BEYOND THE BOOKS

Becoming a member of our University unions, council, clubs or media can be a great way to discover what you’re good at, pursue your passions, meet like-minded people and boost your employability.

Choose from two unions
Glasgow University Union (GUU) has everything a student needs within the stunning old Union building and purpose-built extension nightclub, with no fewer than nine bars, two libraries, a debating chamber, smokers’ and pool hall, convenience store and coffee shop serving Starbucks Coffee.

The GUU runs weekly games and entertainment, and is the most successful debating institution in the world, with five World University Debating Championships to its name. For more information, see guu.co.uk or find us on Facebook under Glasgow University Union.

Queen Margaret Union hosts new music, local bands, big name acts, student-run club nights and a variety of events from quizzes to open mic nights and a fortnightly poetry night ‘Aloud’. It’s a welcoming and inclusive space well known for charity fundraising and campaigning on campus. It also provides space for clubs and societies to meet and now houses the University’s eco hub. For more information, visit qmunion.org.uk

Find your voice with student media
The University’s student media has a fantastic reputation. You can join teams that produce:

- Glasgow University Guardian: the University’s official student newspaper. Whether it be news reporting, cultural reviews, in-depth features or match reports, the paper offers readers and writers an opportunity to find out more about what happens on campus. The paper runs regular workshops which cover everything from how to write news stories to good journalistic practice.
- Glasgow University Magazine (GUM): a high-quality student magazine with in-depth articles that cover current socio-cultural issues. It is released quarterly and showcases the creative talent at the University. GUM offers you the opportunity to network with like-minded people and gain valuable experience in media and journalism.
- Subcity: broadcasting from Glasgow to the world, Subcity Radio is managed by a team of around 50 individuals and relies on the contributions of nearly 200 presenters. Attracting tens of thousands of listeners, the station provides a platform for creative individuals within the university community and beyond.
- Glasgow University Student Television (GUST): produces award-winning creative, factual and live content throughout the year that is broadcast online at qmunion.org.uk. GUST has access to an on-campus studio and its own equipment and software, allowing students to gain practical video production experience.

Make yourself heard
Our Students’ Representative Council (SRC) voices your opinions to the decision makers by campaigning and sitting on all the key 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. Find out more at glasgowstudent.net

Discover new hobbies
Glasgow’s student clubs and societies provide a great way to learn new skills and make friends:

- more than 250 clubs and societies, from Capoeira dancing to TEDx to Physics
- volunteering opportunities including volunteering abroad
- volunteering and exploring the possibilities at glasgowstudent.net/clubs

Make some music
Do you sing, compose or play an instrument? Glasgow is the UK’s first 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 public performances, including the popular Thursday lunchtime concerts. For more information, visit glasgow.ac.uk/musicintheuniversity

I love the social life at UoG. Every single day you meet new people and there’s an endless choice of clubs. I personally joined the boxing club and skydiving club... both were great!

Julie, Danish, studies Law

@Julie

The QMU hosts new music, local bands, big name acts, student-run club nights and a variety of events throughout the year.

Student Services have been extremely helpful in helping me adapt to the foreign environment, and no words can describe my appreciation for their support.

@UofGlasgow #UofGWorldChangers

Qianhao, Singaporean, studies BVMS

@Qianhao

Our Student Services Enquiry Team are here to help you make the most of your time at Glasgow.

Library
Open daily from 7.15am to 2.00am with 24/7 online access, the University Library has one of the largest collections of books in Europe. 12 wi-fi enabled floors.

2.5 million books and journals
More than 600,000 e-books and e-journals

Comfortable individual and group study spaces and hundreds of PCs.

glasgow.ac.uk/library

Wi-fi and IT access
We provide computer clusters across campus and wireless network access in most public areas.

IT Helpdesk in the library to help with any IT problems.

More than 500 wi-fi hotspots across campus.

glasgow.ac.uk/it/forstudents

Contact with experts
To help you develop the ability to direct your own learning, you may experience a range of types of teaching contact:

Large sessions led by lecturers provide a foundation for knowledge
Small group tutorials with students and a tutor offer in-depth analysis

Larger-group seminars allow intensive discussions and student presentations
Hands-on practical or laboratory sessions develop subject-related skills

Maximise your academic abilities
Advisers in Student Learning Development (part of the Learning Enhancement and Academic Development Service (LEADS)) will help you throughout your University career with your academic skills. We work to enhance your learning experience and help you achieve your full academic potential. We provide:

· Classes and one-to-one consultations for all students
· College specific guidance e.g. on essay and dissertation writing, exam preparation, and research
· Dedicated International Writing Advisers for undergraduate and taught postgraduate students
· Specialised guidance for Mathematics and Statistics programmes.

glasgow.ac.uk/sls

Help when you need it
Our Student Services Enquiry Team are here to help you make the most of your time at Glasgow, from Council Tax queries to advice on support services available to you. We can help with the following:

· assist with the registration and enrolment process
· provide information, guidance and resolution on financial enquiries and provide information on financial aid options
· provide assistance and production of academic documents (certifying letters, HEAR and references) and student ID cards
· assist with enquiries on all elements of the student record (MyCampus)
· Support with appointment diagnosis and appointment bookings with services
· Guidance and information on how to access and use all student services resources
· support and information to assist with welfare and pastoral issues
· support to assist with understanding and interpreting University systems, policies and procedures.

For a full list of all our student services, see glasgow.ac.uk/students

Ask a Student
Contact our Ask a Student service to be put in touch with current students who provide impartial information on student life at Glasgow. Send your questions at glasgow.ac.uk/askastudent

SUPPORT ALONG THE WAY

We’re committed to connecting you with the right resources, from dedicated teaching staff to an excellent library with long opening hours. At Glasgow, we spend millions on our equipment and academic support services to create a world-class environment where you can feel inspired.
Build your career
Our Careers Service can offer you:
- one-to-one support from professionally trained managers
- 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
- 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.

Inspiring events
- We provide a comprehensive, engaging and creative suite of services to assist you, including four sector specific recruitment fairs, a dedicated Internship Fair and a national recruitment fair each year.
- Beyond the traditional careers fairs and general advice we strive to offer truly innovative and imaginative support based on feedback. This has resulted in the introduction of initiatives including the ‘First Tuesday Club’, a series of unique career events designed to inspire you in your career decisions.
- We also host a broad range of employers on campus for presentations and skills sessions.

CAREERS ALUMNI NETWORK
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 glasgow.ac.uk/gcan

INTERNSHIP HUB
The Careers Service also operates the Internship Hub. Delivered exclusively to Glasgow students, the Hub is responsible for sourcing a diverse range of internships, and supporting students before, during and after gaining an internship. The Internship Hub facilitates 400 opportunities each academic year, for students at all levels of study. These include:
- hundreds of summer internships with start-up businesses, multinational organisations, and everyone in between
- over 100 on-campus internships working anywhere from The Hunterian to the Marketing, Recruitment & International Office
- part-time roles during term time with local companies that fit in with your studies.

Find out more
For more information on the Careers Service, visit glasgow.ac.uk/careers

The Careers Service is here to help you with professional careers advice, coaching, resources and support, both in person and online. We can help you find experience and give advice on getting your dream job.

YOUR FUTURE

Build your career
Our Careers Service can offer you:
- one-to-one support from professionally trained managers
- 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
- 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.

Inspiring events
- We provide a comprehensive, engaging and creative suite of services to assist you, including four sector specific recruitment fairs, a dedicated Internship Fair and a national recruitment fair each year.
- Beyond the traditional careers fairs and general advice we strive to offer truly innovative and imaginative support based on feedback. This has resulted in the introduction of initiatives including the ‘First Tuesday Club’, a series of unique career events designed to inspire you in your career decisions.
- We also host a broad range of employers on campus for presentations and skills sessions.

CAREERS ALUMNI NETWORK
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 glasgow.ac.uk/gcan

INTERNSHIP HUB
The Careers Service also operates the Internship Hub. Delivered exclusively to Glasgow students, the Hub is responsible for sourcing a diverse range of internships, and supporting students before, during and after gaining an internship. The Internship Hub facilitates 400 opportunities each academic year, for students at all levels of study. These include:
- hundreds of summer internships with start-up businesses, multinational organisations, and everyone in between
- over 100 on-campus internships working anywhere from The Hunterian to the Marketing, Recruitment & International Office
- part-time roles during term time with local companies that fit in with your studies.

Find out more
For more information on the Careers Service, visit glasgow.ac.uk/careers
The benefits
Many Glasgow students complete part of their degree in another country. Courses taken overseas through one of our approved exchange programmes form part of your degree without adding an extra year or semester, and there are many additional benefits:

· Gain a new perspective on your studies
· Develop a more international outlook
· Travel to new and amazing places
· Make friends from all over the world
· Enhance your CV and develop skills that will make you stand out
· Receive support and recognition through the programme
· No additional tuition fees at the overseas university

Study abroad for a few weeks, up to a year
You can choose from over 180 destinations across the globe. We currently have over 130 partners across Europe and more than 75 international partners in Argentina, Australia, Azerbaijan, Brazil, Canada, China, Hong Kong, Japan, Korea, Malaysia, Mexico, New Zealand, Singapore, South Africa and the USA.

Where and when you can go depends on the subject you study but it is possible to go abroad with most degree programmes. Most students who study abroad do so in their third year of study.

Our study exchange programme is usually for a semester or a full year, but we offer new short-term mobility opportunities such as summer schools abroad and other international activities via our network of partners.

You don't need to speak a foreign language
A lot of our partners teach in English. You can also take free language courses here to prepare for your time abroad and you can continue learning the language throughout your placement abroad.

Work abroad as part of your degree
Some degree programmes support work placements, which can take place in any company or institution abroad. Speak to your Adviser of Studies to find out more information about work placements as part of your degree.

Funding
You are registered at the University of Glasgow throughout your time abroad, so there is no additional tuition fee at the overseas partner. A range of scholarships is also available each year.

Students with a disability
We welcome applications from students with a disability and work with colleagues from the Disability Service to prepare and support disabled students for study abroad.

Find out more
For more information on current partners, first hand accounts of previous exchange students’ experiences and the University’s Study Abroad Fair see glasgow.ac.uk/students/studyabroad.
WELCOMING THE WORLD

No matter how far you travel to join us, we’ll help you to feel at home. 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 America, China, India, Nigeria and Singapore, who are there to assist international applicants. To find out where we will be visiting and for contact details of our in-country resident staff, see glasgow.ac.uk/international

Need advice now?
Contact the International Office.
Tel: +44 (0)141 330 6062
Visit: glasgow.ac.uk/international or check out facebook.com/GlasgowInternational or twitter.com/UofGglobal

Before you arrive
As you plan and prepare for your journey to Glasgow, our International Student Support team can give you advice on any concerns you may have, including:

· immigration
· working regulations
· finance
See glasgow.ac.uk/international/support or email: internationalstudent.support@glasgow.ac.uk

Find out more
Our International Student Handbook is full of useful facts which will help you both before and after your arrival in Glasgow. We therefore highly recommend that you attend where possible.

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. Previous students have found our orientation programmes to be invaluable in preparing for their studies at Glasgow. We therefore highly recommend that you attend where possible.

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.

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If you are an international student but not quite ready to study at Glasgow, our partner institution, Glasgow International College, can help you to achieve the required English language qualification to be admitted to the University. If you successfully complete a foundation programme at the required level, you can progress to the second year of a degree programme in business, engineering, science or social sciences. See glasgow.ac.uk/gic

Glasgow in Singapore
If you are a graduate with good grades from one of the polytechnics in Singapore, you may wish to study one of our BEng (Hons) or BSc (Hons) programmes, which we offer in Singapore in partnership with the Singapore Institute of Technology. A feature of the programmes is a four-week visit to Glasgow in order to undertake a design project and be introduced to Scottish culture. See glasgow.ac.uk/singapore for more information.

Glasgow in China
We have a number of well-established partnerships across China. In conjunction with the University of Electronic Science & Technology of China we offer a four-year BEng degree programme in Electronics & Electrical Engineering. We also provide a range of opportunities for students from one of the polytechnics in Singapore, you may wish to study one of our BEng (Hons) or BSc (Hons) programmes, which we offer in Singapore in partnership with the Singapore Institute of Technology. A feature of the programmes is a four-week visit to Glasgow in order to undertake a design project and be introduced to Scottish culture. See glasgow.ac.uk/singapore for more information.

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Other routes to Glasgow
We partner with a range of institutions that can offer you alternative ways to study with us, whether in your own country, or in preparation for beginning your undergraduate degree at Glasgow. We provide courses to help you reach a IELTS Academic score of 6.5 (with no sub-test less than 6) TOEFL: 90; with sub-tests no less than: Reading 20, Listening 18, Speaking 19, Writing 23 C1 Advanced (Accredited English): 170 overall: no sub-test less than 169 CPE (Cambridge Certificate of Proficiency in English): 176 overall: no sub-test less than 169 PTE Academic (Pearson Test of English, Academic test): 60; no sub-test less than 59

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 glasgow.ac.uk/eas. If you’d like additional English language tuition once you’ve started your academic courses we also provide part-time language support classes, which are free of charge if you pay the full international student fee.

International Summer School
You can also apply to join our International Summer School, which offers a variety of credit-bearing courses from Mathematics, Physics and Creative Writing to International Business. This is combined with a lively Scottish social and cultural programme. For more information, visit glasgow.ac.uk/international/internationalsummerschool

Improve your English
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Need advice now?
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Tel: +44 (0)141 330 6062
Visit: glasgow.ac.uk/international or check out facebook.com/GlasgowInternational or twitter.com/UofGglobal

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· finance
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Other routes to Glasgow
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CHOOSING YOUR DEGREE

Glasgow is one of the world’s top universities, which means we can offer you a world-class degree. With a fantastic range of subjects, you should be able to find a degree programme that matches your interests. The subject(s) you choose will determine the type of degree programme you will take and how long you will study for.

The main undergraduate degrees awarded at Glasgow are as follows:
- Professional degree programmes
  - Bachelor of Accountancy (BAcc)
  - Bachelor of Dental Surgery (BDS)
  - Bachelor of Divinity (BD)
  - Bachelor of Engineering (BEng)
  - Bachelor of Laws (LLB)
  - Bachelor of Medicine
  - Bachelor of Veterinary Medicine & Surgery (BVMS)
  - Master of Education (MEDuc)
  - Master of Engineering (MEng)

- Flexible degree programmes
  - Bachelor of Science (BSc)
  - Bachelor of Arts (BA)*
  - Bachelor of Divinity (BD)*
  - Bachelor of Medical Sciences (BMSci)
  - Bachelor of Laws (LLB)
  - Bachelor of Medicine
  - Bachelor of Veterinary Medicine & Surgery (BVMS)
  - Master of Education (MEDuc)
  - Master of Engineering (MEng)

- Professional degree programmes
  - Master of Business Administration (MBA)
  - Master of Arts (MA)
  - Master of Science (MSci)
  - Master of Education (MEduc)

These degrees follow a set curriculum to meet the requirements of the relevant professional organisation so that you’re fully prepared to enter your chosen profession after you graduate. They are usually completed in four or five years. See the individual subject pages for more information.

Flexible degree programmes

If you apply to these degree programmes, you’ll be offered a flexible degree structure which means you will not be committed to a completely prescribed selection of subjects from the outset of your degree. These degrees normally take four years to complete. Degrees which involve a modern language take five years to complete because they include a language year abroad. The table opposite illustrates the level of flexibility and illustrates that you must make prior to being admitted to, and during your time at, the University.

Progression to Honours Level

Being admitted on a particular UCAS code does not mean that you will automatically progress to Honours level in that subject or subjects. In most cases, a decision will be made at the end of the second (or sometimes third) year about whether you will be permitted to progress to Honours level. Decisions about progression will be based on your academic performance during your first two years at the University. The entry threshold to Honours level is subject to change in both the year of entry and any subsequent entry year.

Changing your degree

The flexible degree structure gives you a degree of choice in the additional subjects that you can study when you arrive at University, without requiring you to make decisions in advance (at point of application). Studying a variety of additional subjects gives you greater flexibility in what you ultimately graduate in. While the general degrees are flexible, there are some restrictions in terms of class sizes and timetabling that may limit your ability to change from the subject(s) selected on your UCAS form. Once you arrive and register at the University, Advanced entry Applicants who attain exceptional entry grades may be considered for Advanced entry to some degree programmes (commence your degree at year 2 or Faster Route (additional classes enabling you to complete a four-year Honours degree in three years). The availability of Advanced Entry or Faster Route varies by subject and reduces the flexibility that you have in selecting optional subjects. If you are interested in Advanced Entry or Faster Route you should apply for year 2 NO on your UCAS application. In the event that the specific subject is unavailable or your application is unsuccessful, you will automatically be considered for year 1 entry without having to submit a separate UCAS application. The Entry Requirements section (see pages 14 to 16) highlights the degree programmes which offer Advanced Entry or Faster Route and provides indicative grades for an applicant to be considered.

Part-time study

It is possible to study the MA on a part-time basis. For more information about part-time study options: tel: +44 (0) 141 330 3177 or see glasgow.ac.uk/undergraduate/choosingyourdegree/partime

Example of BSc Single Honours degree path

(A Joint Honours BSc is also on this path with two subjects studied in both Years 3 & 4).

<table>
<thead>
<tr>
<th>Year</th>
<th>Study three different subjects. Please note that you must meet the entry requirements for ALL of your subjects of interest.</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>Continue two subjects to level two.</td>
</tr>
<tr>
<td>3 &amp; 4</td>
<td>You’ll study your degree subject(s) (Single or Joint Honours) exclusively from year three onwards.</td>
</tr>
</tbody>
</table>

Honours Degree Destination

BSc with Honours in Mathematics

Example of MA (SocSci) Joint Honours degree path

(The MA Joint Honours degree programme follows a similar format)

<table>
<thead>
<tr>
<th>Year</th>
<th>Study three different subjects. Please note that you must meet the entry requirements for ALL of your subjects of interest.</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>Continue two subjects to level two and choose another.</td>
</tr>
<tr>
<td>3 &amp; 4</td>
<td>Specialisation in two chosen subjects in the final two years.</td>
</tr>
</tbody>
</table>

Honours Degree Destination

MA (SocSci) with Honours in Politics & Economics
When do I apply?
UCAS closing dates for entry in 2018:
· 15 October 2017: if including Dentistry, Medicine, Veterinary Medicine or applying to Oxford or Cambridge
· 15 January 2018: all other UK/EU applicants
· 30 June 2018: international (non-EU) students

What are the entry requirements?
Entry requirements at a glance are featured on each programme page and in detail at the back of this prospectus. The latest information will always be available at glasgow.ac.uk/ug/entryrequirements

Minimum, Standard and Adjusted offers
Minimum academic entry requirements represent the lowest grades that must be achieved for an offer to be considered (providing non-academic entry requirements are also met).
Standard academic entry requirements represent the grades which will normally result in an offer being made (providing non-academic entry requirements are also met).
Adjusted academic and non-academic entry requirements are only for eligible Scottish applicants who complete one of our pre-entry programmes. For further details on entry requirements, see page 148.

What do I need to know?
You will need to know the UCAS code for the subject or subject combination that you wish to apply for. These are all listed in this prospectus and on our website.

UCAS tariff points
The University does not frame its offers in terms of UCAS tariff points.

HOW TO APPLY
If you’re seeking full-time study you must apply through the Universities & Colleges Admissions Service (UCAS). See ucas.com or tel 0371 468 0468, or +44 330 3330 230 if you live outside the UK.

How soon will I receive a decision?
We will usually respond before the end of March 2018. If your qualifications meet our requirements and we believe you could benefit from study at Glasgow, you will receive an unconditional offer.
If you haven’t yet gained the necessary passes for entry to your chosen subject(s), we may look at the qualifications you are taking when you apply and make you a conditional offer.

Will I be interviewed?
An interview is part of the selection process for some degree programmes. See individual programmes for details. You may also be interviewed if you’re applying for entry into year 2 in any subject.

Is deferred entry available?
In Dentistry and Veterinary Medicine we are unable to consider applications for deferred entry. In other cases deferring may be possible but it’s not granted automatically.

Admissions Contacts
You can get further information about admissions to the University from the following admissions contacts. For general enquiries, please visit glasgow.ac.uk/enquirenow

Accountancy (BAcc)
+44 (0)141 330 5662
elaine.shortt@glasgow.ac.uk

Arts (MA, BD, BD (Min))
+44 (0)141 330 5662
elaine.shortt@glasgow.ac.uk

Dentistry (BDS)
+44 (0)141 211 9703
med-sch-dental-ug@glasgow.ac.uk

Engineering (BEng/MEng)
+44 (0)141 330 8153
kelly.fox@glasgow.ac.uk

Law (LLB)
+44 (0)141 330 4507
law-enquiries@glasgow.ac.uk

Music (BMus)
+44 (0)141 330 6065
drew.hammond@glasgow.ac.uk

Nursing (BN)
+44 (0)141 330 2917
nursing-sch-admissions@glasgow.ac.uk

Science (BSc/MSci)
+44 (0)141 330 5514
conor.dinegan@glasgow.ac.uk

Social Sciences (MA (SocSci))
+44 (0)141 330 5562
elaine.shortt@glasgow.ac.uk

Technological Education (BTechEd)
+44 (0)141 330 2917
education-admissions@glasgow.ac.uk

Veterinary Medicine & Surgery (BVMS)
+44 (0)141 330 5705
vet-sch-admissions@glasgow.ac.uk

International (non-EU) applicants
+44 (0)141 330 8153
kelly.fox@glasgow.ac.uk

I've fallen in love with the Scottish landscapes and culture. People in Glasgow are very friendly and I felt welcome from the moment I arrived. @UofGlasgow #UofGWorldChangers

Domenica, Ecuadorian, studies Public Health
@Domenica

The Hunterian Museum, Scotland’s oldest public museum
Our library is open daily from 7.15am to 2am with online access 24/7.

Our library is open daily from 7.15am to 2am with online access 24/7 with information on entry clearance requirements, please visit: www.gov.uk/tier-4-general-visa/overview.

They have funds to cover living costs at £1,015 per month depending on the length of the programme. For up-to-date, please visit glasgow.ac.uk for further updates: glasgow.ac.uk/about/study.

The University of Glasgow is a proudly international institution, deeply rooted in the best European traditions of learning and continues to be committed to offering our students the widest possible opportunities. We want to emphasize this time just how much the University values the contribution of staff and students from EU countries to our community.

Universities UK is calling on the UK government to guarantee that EU students beginning programmes in the 2018 – 19 academic year will pay the same fees as UK students for the duration of their courses. At the time of going to press this has not been confirmed. Please check our website for further updates: glasgow.ac.uk/about/study.

We believe academic excellence should be nurtured. If you want to join us as an undergraduate, you'll be pleased to know there's a wide range of financial help available to you.

### Fees, Costs & Scholarships

#### Fees

How and when you pay tuition fees depends on where you're from. We provide up-to-the-minute information about our tuition fees and how to pay at glasgow.ac.uk/study/fees.

#### EU Referendum

As you'll be aware, the UK voted in June 2016 to leave the EU. At the time of going to press, the UK government is due to enter into a period of negotiations with the EU.

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### Fees, Cost...
ACCOUNTANCY & FINANCE

Accountancy is the process by which financial information about a business is recorded, classified, summarised, interpreted and communicated.

What you will need

- Degrees and UCAS codes
  - BAcc: Four years
    - The BAcc is offered in six variants.
      - Accountancy (N400)
      - Accountancy with Finance (N403)
      - Accountancy with International Accounting (N401)
      - Accountancy with Languages (N419)
      - Accountancy/Economics (LN14)
  - Entry requirements at a glance
    - A-levels: Standard entry AAA or A*AB. Minimum entry ABB.
    - Highers: Standard entry AAAAB at S5.* Minimum entry ABBB.
    - International Baccalaureate: Standard entry 38 points. Minimum entry 34 points.

What to expect

- What to expect
  - Year 1: You will be introduced to the theory and practice of financial accounting, management accounting and finance. You will learn about the processes of accounting and the structure and development of accounting statements, and management and control within organisations, as well as the nature of the financial markets. You will also study economics and management.
  - Year 2: You will concentrate on the regulatory framework of accounting practice, standard setting, the use of cost information and the provision of information for decision making and the operation of the financial markets. You will also study business law and statistics.
  - Years 3 and 4: You will study advanced financial accounting and audit. You will also complete a dissertation, an extended piece of personal research on a topic of your own choice guided by a member of academic staff.
- Accreditation
  - The programme is recognised by all the main professional accounting bodies through accreditation status. Success in this degree can afford significant exemptions for an accredited degree from the Institute of Chartered Accountants of Scotland (ICAS), the Institute of Chartered Accountants in England & Wales (ICAEW), the Association of Chartered Certified Accountants (ACCA), the Chartered Institute of Management Accountants (CIMA) and the Chartered Institute of Public Finance & Accountancy (CIPFA).

What you will need

- Degrees and UCAS codes
  - BSc (Hons) (NG4C): Four years
    - Entry requirements at a glance
      - A-levels: Standard entry AAA or A*AB. Minimum entry ABB.
      - Highers: Standard entry AAAAB at S5.* Minimum entry ABBB.
      - International Baccalaureate: Standard entry 38 points. Minimum entry 34 points.
- Entry requirements in full
  - See page 149 or visit glasgow.ac.uk/ug/entryrequirements for more information and subject-specific requirements.

What to expect

- What to expect
  - Years 1 and 2: You will take courses in:
    - Mathematics
    - Statistics
    - Financial accounting
    - Economics
    - Management accounting
    - Finance
  - Years 3 and 4: If you progress to Honours (years 3 and 4) you will take a range of core and optional courses including:
    - Algebra
    - Mathematical methods 1
    - Metric spaces and basic topology
    - Advanced financial accounting practices
    - Audit theory and practice
  - In fourth year you will also undertake a research project/dissertation, usually supervised within the School of Mathematics & Statistics. Although a limited number of projects will be supervised by the Adam Smith Business School.
- Accreditation
  - The programme is recognised by all the main professional accounting bodies through accreditation status. Success in this degree can afford significant exemptions for an accredited degree from the Institute of Chartered Accountants of Scotland (ICAS), the Institute of Chartered Accountants in England & Wales (ICAEW), the Association of Chartered Certified Accountants (ACCA), the Chartered Institute of Management Accountants (CIMA) and the Chartered Institute of Public Finance & Accountancy (CIPFA).

Why choose Glasgow?

- A major benefit at Glasgow is our use of external tutors. These professional accountants will lead tutorials, offering you the opportunity to discuss issues and learn from their experience.
- Our international links
  - You will have the opportunity to apply to study abroad. There are currently two options available: the Erasmus+ Programme and the International Exchange Programme.
- Career prospects
  - The financial sector, locally and throughout the UK, actively recruits graduates skilled in all aspects of mathematics, and a significant number of our Honours graduates find employment in the commercial sector, in insurance, accounting, finance or banking. Our recent graduates have been employed by: PricewaterhouseCoopers, Grant Thornton, Alexander Sloan, Cigna, Deloitte, Royal Bank of Scotland, Credit Suisse, etc.
- Mathematics, and a significant number of our Honours graduates find employment in the commercial sector, in insurance, accounting, finance or banking. Our recent graduates have been employed by: PricewaterhouseCoopers, Grant Thornton, Alexander Sloan, Cigna, Deloitte, Royal Bank of Scotland, Credit Suisse, etc.

Accounting & Mathematics

Accounting is the process of collecting, measuring, analysing and communicating information to aid decision-making within business and other organisations. Mathematics incorporates successful explorations of numerical, geometrical and logical relationships.

What you will need

- Degrees and UCAS codes
  - BSc (Hons) (NG44): Four years
    - Entry requirements at a glance
      - A-levels: Standard entry AAA or A*AB. Minimum entry ABB.
      - Highers: Standard entry AAAAB at S5.* Minimum entry ABBB.
      - International Baccalaureate: Standard entry 38 points. Minimum entry 34 points.
- Entry requirements in full
  - See page 149 or visit glasgow.ac.uk/ug/entryrequirements for more information and subject-specific requirements.

What to expect

- What to expect
  - Years 1 and 2: You will take courses in:
    - Mathematics
    - Statistics
    - Financial accounting
    - Economics
    - Management accounting
    - Finance
  - Years 3 and 4: If you progress to Honours (years 3 and 4) you will take a range of core and optional courses including:
    - Algebra
    - Mathematical methods 1
    - Metric spaces and basic topology
    - Advanced financial accounting practices
    - Audit theory and practice
  - In fourth year you will also undertake a research project/dissertation, usually supervised within the School of Mathematics & Statistics. Although a limited number of projects will be supervised by the Adam Smith Business School.
- Accreditation
  - The programme is recognised by all the main professional accounting bodies through accreditation status. Success in this degree can afford significant exemptions for an accredited degree from the Institute of Chartered Accountants of Scotland (ICAS), the Institute of Chartered Accountants in England & Wales (ICAEW), the Association of Chartered Certified Accountants (ACCA), the Chartered Institute of Management Accountants (CIMA) and the Chartered Institute of Public Finance & Accountancy (CIPFA).

Why choose Glasgow?

- This degree offers exemptions for some professional accountancy exams.
ACCOUNTING & STATISTICS

Accounting is the process of collecting, measuring, analysing and communicating information to aid decision-making within business and other organisations. Statistics is concerned with the drawing of objective conclusions from investigations where outcomes are subject to uncertainty or variability.

What you will need
- Degrees and UCAS codes
  - BSc (Hons) (GN34): Four years
  - MSc in Accounting and Statistics: Two years

Entry requirements at a glance
- A-levels: Standard entry AAA or A*AB
  - Minimum entry BBB
- Highers: Standard entry AAAA or AAABB
  - Minimum entry BBBB
  - * Adjusted entry from AABB at S5/S6, see page 149 for eligibility.

International Baccalaureate: Standard entry 38 points. Minimum entry 34 points.

Entry requirements in full
See page 149 or visit glasgow.ac.uk/ug/entryrequirements for more information and subject-specific requirements.

What to expect
Years 1 and 2
You will take courses in:
- Financial accounting
- Economics
- Statistics
- Mathematics

Years 3 and 4
If you progress to Honours (years 3 and 4) you will take a range of core and optional courses, including courses in accounting and statistics.

Career prospects
The financial sector, locally and throughout the UK, actively recruits graduates skilled in all aspects of statistics, and a significant number of our Honours graduates find employment in the commercial sector in insurance, accounting, finance or banking.

Why choose Glasgow?
This degree offers exemptions from some professional accountancy exams.

Why choose Glasgow? This degree offers exemptions from some professional accountancy exams.

Programme structure
You will study the same courses in the first three years whether you are on the BEng or MEng degree programme.

Year 1
In your first year, you will take a wide-ranging curriculum which includes courses in aeronautical engineering, mathematics, dynamics, electronics, materials, statics, thermodynamics and engineering skills. These courses are supported by individual and group project work and laboratory work. This interdisciplinary approach, favoured by industry, also makes it easy to switch to another engineering discipline at the end of year 1 should you wish to do so.

Years 2 and 3
In year 2 you will study fluid mechanics, dynamics, aeronautical engineering, thermodynamics and mathematics. In year 3 you will learn about the design of aircraft. You will begin to analyse and understand aircraft behaviour, aircraft performance and propulsion systems, and you will begin to perform detailed analysis of aircraft structural components.

Year 4 and 5
In year 4 you will begin to deal with some of the advanced concepts in aeronautics. These include the study of composite materials, aerelasticity, high-speed aerodynamics, fluid dynamics, flight dynamics and control theory.

For BEng students individual project work allows you to apply the knowledge you have gained during your studies to a problem in aeronautical engineering. MEng students undertake an interdisciplinary team project instead.

Our international links
Credit Suisse, Deloitte, PricewaterhouseCoopers, Grant Thornton, PriceWaterhouseCoopers.

International Baccalaureate: Standard entry 36 points. Minimum entry 34 points.

MEng A-levels: Standard entry AAA.
- Minimum entry BBB
- Higher: Standard entry AAAA or AAABB at St.
- * Adjusted entry from ABBB at S5/S6, see page 149 for eligibility.

International Baccalaureate: Standard entry 36 points. Minimum entry 34 points.

MEng A-levels: Standard entry AAA.
- Minimum entry BBB
- Higher: Standard entry AAAA or AAABB at St.
- * Adjusted entry from ABBB at S5/S6, see page 149 for eligibility.

International Baccalaureate: Standard entry 36 points. Minimum entry 34 points.

Entry requirements in full
See page 161 or visit glasgow.ac.uk/ug/entryrequirements for more information and subject-specific requirements.

Glasgow International College
For international students entry to this programme is supported by courses from GIC. See page 30.

Why choose Glasgow?
Our recent graduates have been employed by organisations such as Prospect, Williams F1, Inyen, Nuclear Decommissioning Authority, the RAF, Fluid Gravity Engine, Rolls-Royce plc, Rolls-Royce Derby, Thales and the Met Office.

Why choose Glasgow?

Accreditation
Accredited by the Royal Aeronautical Society and the Institution of Mechanical Engineers.

AERONAUTICAL ENGINEERING

Aeronautical engineering is about how aircraft are designed, constructed and powered, how they are used and how they are controlled for safe operation.

Why choose Glasgow?
Half of this year is devoted to project work, which can be carried out in industry, within the university or via a placement abroad. A range of optional courses are available in years 4 and 5 to allow you to develop and follow your interests.

Our international links
The MEng programme allows you to take your project in Europe. We also have partner universities in the USA and Australia, where some students undertake their third year of study.

Career prospects
Our recent graduates have been employed by organisations such as Prospect, Williams F1, Inyen, Nuclear Decommissioning Authority, the RAF, Fluid Gravity Engine, Rolls-Royce plc, Rolls-Royce Derby, Thales and the Met Office.

Why choose Glasgow?
You’ll take part in practical laboratories, including running a jet engine test, and a flight-testing course in a Jetstream aircraft during year 5 of the MEng.

Glasgow International College
For international students entry to this programme is supported by courses from GIC. See page 30.

What you will need
- Degrees and UCAS codes
  - BSc (Hons) (GN34): Four years
  - MSc in Accounting and Statistics: Two years

Entry requirements at a glance
- A-levels: Standard entry AAA or A*AB
  - Minimum entry BBB
- Highers: Standard entry AAAA or AAABB
  - Minimum entry BBBB
  - * Adjusted entry from AABB at S5/S6, see page 149 for eligibility.

International Baccalaureate: Standard entry 38 points. Minimum entry 34 points.

Entry requirements in full
See page 149 or visit glasgow.ac.uk/ug/entryrequirements for more information and subject-specific requirements.

What to expect
Years 1 and 2
You will take courses in:
- Management accounting
- Financial accounting
- Finance
- Economics
- Statistics
- Mathematics

Years 3 and 4
If you progress to Honours (years 3 and 4) you will take a range of core and optional courses, including courses in accounting and statistics.

Career prospects
The financial sector, locally and throughout the UK, actively recruits graduates skilled in all aspects of statistics, and a significant number of our Honours graduates find employment in the commercial sector in insurance, accounting, finance or banking.

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Programme structure
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Year 1
In your first year, you will take a wide-ranging curriculum which includes courses in aeronautical engineering, mathematics, dynamics, electronics, materials, statics, thermodynamics and engineering skills. These courses are supported by individual and group project work and laboratory work. This interdisciplinary approach, favoured by industry, also makes it easy to switch to another engineering discipline at the end of year 1 should you wish to do so.

Years 2 and 3
In year 2 you will study fluid mechanics, dynamics, aeronautical engineering, thermodynamics and mathematics. In year 3 you will learn about the design of aircraft. You will begin to analyse and understand aircraft behaviour, aircraft performance and propulsion systems, and you will begin to perform detailed analysis of aircraft structural components.

Year 4 and 5
In year 4 you will begin to deal with some of the advanced concepts in aeronautics. These include the study of composite materials, aerelasticity, high-speed aerodynamics, fluid dynamics, flight dynamics and control theory.

For BEng students individual project work allows you to apply the knowledge you have gained during your studies to a problem in aeronautical engineering. MEng students undertake an interdisciplinary team project instead.

Our international links
Credit Suisse, Deloitte, PricewaterhouseCoopers, Grant Thornton, PriceWaterhouseCoopers.

International Baccalaureate: Standard entry 36 points. Minimum entry 34 points.

MEng A-levels: Standard entry AAA.
- Minimum entry BBB
- Higher: Standard entry AAAA or AAABB at St.
- * Adjusted entry from ABBB at S5/S6, see page 149 for eligibility.

International Baccalaureate: Standard entry 36 points. Minimum entry 34 points.

Entry requirements in full
See page 161 or visit glasgow.ac.uk/ug/entryrequirements for more information and subject-specific requirements.

Glasgow International College
For international students entry to this programme is supported by courses from GIC. See page 30.

Why choose Glasgow?
Our recent graduates have been employed by organisations such as Prospect, Williams F1, Inyen, Nuclear Decommissioning Authority, the RAF, Fluid Gravity Engine, Rolls-Royce plc, Rolls-Royce Derby, Thales and the Met Office.

Why choose Glasgow?

Accreditation
Accredited by the Royal Aeronautical Society and the Institution of Mechanical Engineers.

AERONAUTICAL ENGINEERING

Aeronautical engineering is about how aircraft are designed, constructed and powered, how they are used and how they are controlled for safe operation.

Why choose Glasgow?
Half of this year is devoted to project work, which can be carried out in industry, within the university or via a placement abroad. A range of optional courses are available in years 4 and 5 to allow you to develop and follow your interests.

Our international links
The MEng programme allows you to take your project in Europe. We also have partner universities in the USA and Australia, where some students undertake their third year of study.

Career prospects
Our recent graduates have been employed by organisations such as Prospect, Williams F1, Inyen, Nuclear Decommissioning Authority, the RAF, Fluid Gravity Engine, Rolls-Royce plc, Rolls-Royce Derby, Thales and the Met Office.

Why choose Glasgow?
You’ll take part in practical laboratories, including running a jet engine test, and a flight-testing course in a Jetstream aircraft during year 5 of the MEng.

Glasgow International College
For international students entry to this programme is supported by courses from GIC. See page 30.
AEROSPACE SYSTEMS

Aerospace systems focus on the design and use of onboard systems found on most aircraft and spacecraft, and how these systems may be used to improve the operation and performance of aerospace vehicles.

What you will need

Degrees and UCAS codes
BEng (H402): Four years
MEng (H401): Five years

Entry requirements at a glance
BEng students who perform well may transfer to the MEng programme on completion of years 1, 2 and 3.

BEng
A-levels:
Standard entry AAA.
Minimum entry BBB.

Higthers:
Standard entry AAAA or AABBB at S5.
Minimum entry AABBB.

A-level equivalents:
minimum entry 44 points.

MEng
A-levels:
Standard entry AAA.

Higthers:
Standard entry AAAAA at S5.
Minimum entry AABBB.

A-level equivalents:
minimum entry 66 points.

What to expect

Programme structure
You will study the same courses in the first three years whether you are on the BEng or MEng degree programme.

Year 1
In your first year, you will take a wide-ranging curriculum which includes courses in aerospace engineering, mathematics, dynamics, electronics, materials, statics, thermodynamics and engineering skills. These courses are supported by individual and group project work and laboratory work. This interdisciplinary approach, favoured by industry, also makes it easy to switch to another engineering discipline at the end of year 1 should you wish to do so.

Years 2 and 3
You will concentrate on aerospace dynamics, aeronautical engineering, electronics and systems, electrical circuits and mathematics. There will be a focus on developing key software programming skills.

Years 4 and 5
In year 4 you will study topics including flight simulation, aerospace vehicle guidance and control, radar and radar, dynamics, aircraft handling qualities and aircraft operations. For BEng students, individual project work allows you to apply the knowledge you have gained during your studies to a problem in aerospace systems. MEng students undertake an interdisciplinary team project instead. If you are an MEng student, in year 5 you will learn about aircraft handling qualities, aircraft operations, and advanced control concepts. Half of this year is devoted to aircraft operations, and advanced control concepts. The other half of this year is devoted to aircraft operations, and advanced control concepts. The other half of this year will be spent on developing key software programming skills.

Programme and industry links
As well as in our industry-sponsored UAV lab, many MEng projects are carried out in industry, and the school also arranges, whenever possible, visits to industrial sites. The school also sponsors student teams for national (Meche) and international (AIAA) competitions.

Career prospects
The development of new aircraft and the increase in the complexity of aircraft systems fuel the demand for aerospace systems engineers, with opportunities in the fields of software and hardware design, simulation and expert systems. Past graduates have gained employment with companies such as QinetiQ, Logica, BAE Systems, Thales and Unisys.

Accreditation
Accredited by the Royal Aeronautical Society and the Institution of Mechanical Engineers.

Why choose Glasgow?
You’ll take part in practical laboratories, including operating a jet engine test, and a flight-testing course in a jet aircraft during your final year of the MEng.

ANATOMY

Anatomy is the scientific study of the human body in relation to its function.

What you will need

Degrees and UCAS codes
BSc (Hons) (B110): Four years
MSci: Five years

Entry requirements at a glance
For international students entry to this programme is supported by courses in years 1, 2, 3 and 4.

Standard entry ABB.
Minimum entry BBB.

Higthers:
Standard entry AAAA/AAABB at S5.
Minimum entry AABBB.

A-level equivalents:
minimum entry 44 points.

What to expect

Programme structure
You will study the same courses in the first three years whether you are on the BSc or MSci degree programme.

Year 1
In your first year, you will take a wide-ranging curriculum which includes courses in anatomy, physiology, biochemistry, and genetics. You will also study some anatomical topics in more depth, considering the related physiology, pharmacology and pathology to set the anatomy in a wider context.

Career prospects
If you progress to Honours (years 3 and 4), you will take courses that will provide you with a more detailed understanding of the human anatomy, histology and embryology, covering many organ systems including the upper limb, central nervous system, and cardiovascular system. You will also study the related physiology, pharmacology and pathology to set the anatomy in a wider context. Practical work is very important in anatomy and you will gain hands-on laboratory experience of techniques used by modern anatomists, including human dissection, histology and microscopy (light and electron microscopy), and molecular techniques. You will also be encouraged to develop transferrable skills such as written and oral communication, data analysis and critical analysis of published research to help prepare you for a career as a scientist.

Why choose Glasgow?
You’ll benefit from access to state-of-the-art facilities and a dedicated Anatomy Museum, all housed in the Anatomy Building.

1 The Times and Sunday Times University League Table 2017
2 Data published by W Hobbs (unpublished draft). Jan 2017

glasgow.ac.uk/ug/anatomy
lifesci-enquiries@glasgow.ac.uk
glasgow.ac.uk/ug/aerospacesystems
eng-teachingoffice@glasgow.ac.uk
**ARCHAEOLOGY**

Archaeology is the study of how people in the past interacted with their world, through a detailed study of their objects, sites and monuments, and the contemporary uses of heritage.

**What you will need**

- **Degrees and UCAS codes**
  - MA (Hons) [V402]: Four years
  - BSc (Hons) [V402]: Four years

- **Entry requirements at a glance**
  - BSc, MA
  - A-levels: Standard entry AAB. Minimum entry BBB.
  - Highers: Standard entry AAAAA/AAABB at S5.* Minimum entry AABB.
  - International Baccalaureate: Adjusted entry from ABB at S5/S6, see page 149 for eligibility.

- **Minimum entry 34 points.**

- **Standard entry 36 points.**

- **Entry requirements in full**
  - See page 149 for MA (Hons) and page 156 for BSc (Hons) or visit glasgow.ac.uk/ug/entryrequirements

- **Degrees and UCAS codes**
  - BSc (Hons): Four years
  - MSci: Five years
  - Astronomy can only be taken as a Joint Honours degree. See page 164 for options and UCAS codes.

- **Entry requirements at a glance**
  - A-levels: Standard entry AAB. Minimum entry BBB.
  - Highers: Standard entry AAAAA/AAABB at S5.* Minimum entry AABB.
  - International Baccalaureate: Standard entry 36 points. Minimum entry 34 points.

- **Entry requirements in full**
  - See page 166 or visit glasgow.ac.uk/ug/entryrequirements for more information and subject-specific requirements.

**What to expect**

- **Programme structure**
  - **Year 1**
    - You will study the social and cultural development of Scotland from the end of the last Ice Age until the modern era. You will also explore issues involved in the presentation, interpretation and relevance of the past in contemporary society.
  - **Year 2**
    - You will study the archaeology of Europe and the Mediterranean, which introduces key research themes. You will also be introduced to concepts, theories and practical skills and techniques through which archaeologists understand past societies.
    - You will also study other subjects in years 1 and 2 – see page 32 for details.
  - **Years 3 and 4**
    - If you progress to Honours (years 3 and 4) you can choose courses that explore key themes in landscapes, material culture and religion, as well as studies of specific periods and areas such as British prehistory, Celtic and Viking archaeology, historical archaeology in the Eastern Mediterranean, public archaeology, archaeological science, and landscape archaeology. You must take core courses on archaeological theory and principles in third year.
    - You will also complete a dissertation based on an original piece of research, and undertake a range of practical work based on your own excavation and fieldwork experiences.

- **Special Glasgow feature**
  - Throughout the programme we emphasise that you should gain practical heritage work experience including field archaeological techniques.
  - We provide day and residential fieldtrips for our students to archaeological sites, landscapes, museums and other heritage venues.

- **Why choose Glasgow?**
  - You will have the opportunity to gain practical fieldwork skills in the UK and also abroad. Recent students have worked in Cyprus, Greece, France and Iceland.

**Our international links**

- Our students have studied for a year at universities in Ireland, Sweden, North America and Australia. You will also have opportunities to work on field projects elsewhere in Europe and the Mediterranean.

**Careers**

- Many of our graduates find employment in the cultural heritage sector, and many employers value the transferable skills that an archaeology degree offers such as teamwork, practical problem solving and critical analysis.

- Our recent graduates have gone on to diverse range of careers from banking and law to business and tourism. Many are employed in more vocational archaeological and heritage roles working for government agencies, the charitable sector and other heritage organisations in Scotland and beyond, including the National Trust, British Museum, National Museums of Scotland and Glasgow Life, as well as various companies offering commercial archaeological services in the UK and abroad.

- **Why choose Glasgow?**
  - You will have the opportunity to gain practical fieldwork skills in the UK and also abroad. Recent students have worked in Cyprus, Greece, France and Iceland.

- **Our international links**
  - We provide day and residential fieldtrips for our students to archaeological sites, landscapes, museums and other heritage venues.

- **Why choose Glasgow?**
  - You will have the opportunity to gain practical fieldwork skills in the UK and also abroad. Recent students have worked in Cyprus, Greece, France and Iceland.

**ASTRONOMY**

Astronomy is the study of the physical universe, from the Earth and the solar system to galaxies at the edge of the cosmos.

**What you will need**

- **Degrees and UCAS codes**
  - MSci Astronomy/Physics: Five years
  - MSci: Five years
  - Astronomy can only be taken as a Joint Honours degree. See page 164 for options and UCAS codes.

- **Entry requirements at a glance**
  - A-levels: Standard entry AAB. Minimum entry BBB.
  - Highers: Standard entry AAAAA/AAABB at S5.* Minimum entry AABB.
  - International Baccalaureate: Standard entry 36 points. Minimum entry 34 points.

- **Entry requirements in full**
  - See page 166 or visit glasgow.ac.uk/ug/entryrequirements for more information and subject-specific requirements.

**What to expect**

- **Programme structure**
  - **Year 1**
    - You will survey the observable universe, from the Earth and the solar system to galaxies at the edge of the cosmos. You will also explore issues involved in the presentation, interpretation and relevance of the past in contemporary society.
  - **Year 2**
    - You will study modern observational methods, including the theory and practice of data analysis techniques. Your core courses will be supplemented by options enabling you to follow your particular areas of interest. All courses include training in transferable skills such as teamwork, presentation and technical writing.
    - There is an opportunity to take an MSci degree, which explores astronomy topics in greater depth and includes an individually supervised project working at the cutting edge of international research.

- **Our international links**
  - Our staff have strong international links across a wide range of research fields. Many of our staff play leading roles in major international research projects, such as the Large Hadron Collider at CERN and the worldwide collaboration searching for gravitational waves. You will have the opportunity to undertake part of your degree abroad.

- **Career prospects**
  - The scientific knowledge and mathematical and analytical skills you acquire will equip you to work across a wide range of industries. Many of our graduates choose to continue their studies for a higher degree such as an MSc or a PhD in a specialised area of astronomy, or a related subject, before entering the job market.

- **Accreditation**
  - This degree programme is accredited by the Institute of Physics.

- **Why choose Glasgow?**
  - Astronomy lectures are complemented by our observatory, planetarium and telescope facilities. We have close links with the Glasgow Science Centre, home to one of the UK’s best planetariums.
Biochemistry combines the study of the biology and chemistry of living organisms to allow us to understand the molecular basis of life.

What you will need

- Degrees and UCAS codes
  - BSc (Hons) (C700): Four years
  - MSci: Five years
- Minimum entry: ABBB
- Entry requirements for transfer to the MSci are NOT taken via UCAS.

What to expect

- In semester 1, you will develop your knowledge of fundamental aspects of biology. In semester 2, you will be introduced to specialist subject areas according to your interests (e.g. animal biology; biomolecular sciences; human biology; infection biology).
- You will also study other subjects in years 1 and 2 - see page 32 for details.

- Year 3, 4 and 5
  - If you progress to Honours (years 3 and 4) you will focus on proteins and nucleic acids as the key molecules in understanding living organisms including viruses, bacteria, plants and animals, including humans. There is a strong emphasis on practical laboratory work, allowing you hands-on experience of major techniques including DNA technology, characterisation of proteins and bioinformatics.
  - Your fourth year will feature a research project, a dissertation, and four-advanced Honour's options course.
  - Biochemistry can be taken as an MSci, which includes an additional placement year, between the third and final years of the degree. This is normally spent doing research in industry or some other organisation such as a research institute in the UK or overseas.
  - The list of available final-year optional courses is subject to change each year. In addition, places in optional courses may be limited so students are not guaranteed a place on a particular final-year option.

Our international links

- You will have the opportunity to apply to study abroad. There are currently two options available: the Erasmus + Programme and the International Exchange Programme.

Career prospects

- Upon completion of your programme, you will be well equipped to take up a diverse range of careers both inside and outside of science.
- Many of our graduates work in research laboratories in academic institutions, the pharmaceutical or biotechnology industry. Around half of our graduates go on to further study.
- The quality of training offered by this programme is recognised by recent graduates securing positions in non-science careers as diverse as accountancy, IT, journalism and government.

Why choose Glasgow?

- You will have the opportunity to run your own experiments, collate and analyse your data and report results.

BIOCHEMISTRY

BIOLOGICAL SCIENCES

What you will need

- Degrees and UCAS codes
  - BEng (J750): Four years
  - MEng (J751): Five years
- Minimum entry: ABBB
- Entry requirements for transfer to the MEng are programme on completion of years 1, 2 and 3.

Our international links

- You will study the same courses in the first three years whether you are on the BEng or MEng degree programme.

Year 1

In your first year, you will take a wide-ranging curriculum which includes courses in biomedical engineering, mathematics, dynamics, electronics, materials, statics, thermodynamics and engineering skills.

Career prospects

- The only Biomedical Engineering (MEng) degree in Scotland to be fully accredited.

Why choose Glasgow?

- You will be able to apply to spend the third year of your academic studies abroad at an accredited partner university. We also have extensive links to international academic, industrial and clinical partners, which allow our MEng students to undertake their six-month project overseas.

Accreditation

- Our BEng and MEng degrees are accredited by the Institute of Engineering and Technology, the Institution of Mechanical Engineers, and the Institute of Physics and Engineering in Medicine.

Career prospects

- Our graduates are well represented in manufacturing companies and the National Health Service and in a wide range of industries in this country and abroad.
- Some of our graduates see Biomedical Engineering as an excellent preliminary degree for entry into Medicine. The degree also provides graduates with strong transferable skills, enabling them to pursue other careers in finance, law and medicine, as well as other engineering disciplines.

Why choose Glasgow?

- You will take part in practical activities including visits to local hospitals. You will benefit from strong links with industry, with engineers contributing to lectures, projects and case studies, as well as offering work placements.

BIOMEDICAL ENGINEERING

Biomedical engineering is about finding engineering solutions to medical problems. As a rapidly expanding industry, biomedical engineering meets the demands of healthcare through the development of technology.

What you will need

- Degrees and UCAS codes
  - BEng (J750): Four years
  - MEng (J751): Five years
- Entry requirements at a glance
  - Standard entry AAAA or AAABB at S5.
- International Baccalaureate:
  - You may apply for transfer to the MEng: Five years
  - BSc (Hons) (C700): Four years

What to expect

- Programme structure
  - You will study the same courses in the first three years whether you are on the BEng or MEng degree programme.

Year 1

- In your first year, you will take a wide-ranging curriculum which includes courses in biomedical engineering, mathematics, dynamics, electronics, materials, statics, thermodynamics and engineering skills.

Career prospects

- The only Biomedical Engineering (MEng) degree in Scotland to be fully accredited.

Why choose Glasgow?

- You will have the opportunity to apply to study abroad. There are currently two options available: the Erasmus + Programme and the International Exchange Programme.

Our international links

- Upon completion of your programme, you will be well equipped to take up a diverse range of careers both inside and outside of science.
- Many of our graduates work in research laboratories in academic institutions, the pharmaceutical or biotechnology industry. Around half of our graduates go on to further study.
- The quality of training offered by this programme is recognised by recent graduates securing positions in non-science careers as diverse as accountancy, IT, journalism and government.

Why choose Glasgow?

- You will have the opportunity to run your own experiments, collate and analyse your data and report results.
What to expect

Year 1
You will take four courses:
- Introduction to organisational behaviour – introduces the context in which organisations exist and considers variables such as personality and motivation.
- Marketing – covers marketing communications, consumer behaviour, digital marketing, sales and pricing, product development and marketing strategy.
- Principles of management – an exploration of who today’s managers are and what constitutes an effective manager.
- Foundations of finance – teaches the basic principles of finance and an understanding of the finance world.

Year 2
You will take four courses:
- Human resource management – introduces the theory and practice of human resource management.
- Business decision analysis – explores how organisations use both quantitative and qualitative data to make decisions.
- Entrepreneurship – teaches you the fundamentals of entrepreneurship and the role it plays in society.
- Operations management – covers the theory and practice of operations management.

You will also study other subjects in years 1 and 2 – see page 32 for details.

Years 3 and 4
In the Honours programme, you will study five core classes including: strategy, global business, business and ethics, research methods and a capstone experiential learning course. Electives are offered from a range of disciplines including entrepreneurship, marketing, human resource management and organisational behaviour, international business, and service operations and finance.

You can specialise via selective pathways including marketing, entrepreneurship, international business and human resource management (HRM) and organisational behaviour.

Our international links
The Adam Smith Business School has a long tradition of exchanging talented undergraduate students with top business schools around the world. A list of exchange partners is available on our website: glasgow.ac.uk/schools/business/international

Accreditation
The Adam Smith Business School has gained specialised international accreditation from the Association to Advance Collegiate Schools of Business (AACSB). Our teaching provision is also accredited by the Association of Business Schools and the Association of MBAs (AMBA). In addition, the School has been awarded accreditation under the European Quality Improvement System (EQUIS), operated by the European Foundation for Management Development (EFMD). The triple-crown accreditation puts the Adam Smith Business School in the top league of international business schools.

Career prospects
Recent graduates have gone on to a vast array of jobs in public and private sector organisations, taking on roles such as: It consultants with Prudential, market research managers and analysts with Procter & Gamble, and managers in financial services including HBOS and Morgan Stanley.

Why choose Glasgow?
You will benefit from our collaborative ties with local industry and commerce. Major employers make significant contributions across the degree programme.

What you will need
Degrees and UCAS codes
MA (SocSci) (Hons) (L112): Four years
* Joint Honours available; see page 164.

Entry requirements at a glance
A-levels:
Standard entry AAA at S5.
Minimum entry BBB.

Highers:
Standard entry AAAAAB at S5.** Minimum entry AABB.

* Adjusted entry from AABBB at S5/S6, see page 148 for eligibility.

International Baccalaureate:
Standard entry 33 points.
Minimum entry 34 points.

Entry requirements in full
See page 198 or visit glasgow.ac.uk/ug/entryrequirements for more information and subject-specific requirements.

Note
You do not need to have studied business or management previously to enter the first year of this programme.

Glasgow International College
For international students entry to this programme is supported by courses from GIC. See page 30.

90% Business Economics students in work/study six months after finishing.
Celtic Civilisation immerses you in the history of the Celts, the development of their societies, their literature, material culture, art and religion, from earliest times on the European continent to the present-day British Isles.

What to expect

Year 1
You will explore the history, culture and religious beliefs of the ancient Celts who, at their maximum extent, occupied much of Western and Central Europe, from Britain and Ireland in the west, to Asia Minor in the east. You will also examine the society, art and literature of the early Christian Celts of Britain and Ireland.

Year 2
You will study the most important aspects of the histories, institutions, cultures and literatures of Scottish Gaelic, Irish and Welsh societies.

• Celtic societies, 1066 – 1603 is concerned with the period of conquest and cultural change in the Middle Ages.
• Celtic societies and the modern world traces the relationship between Celtic languages and countries and the British state from 1750 to the present day.
You will also study other subjects in years 1 and 2 – see page 92 for details.

Years 3 and 4
If you progress to Honours (years 3 and 4) you will have the opportunity to deepen your understanding of specific aspects of Celtic history, literatures and cultures. Areas you might wish to focus on at this level include: belief and culture in early medieval Ireland and Gaelic Scotland; Celtic place-names of Scotland; early Gaelic literature; Celtic art; medieval Welsh literature; or Gaelic folklore.

You will have access to a series of cross-listed courses on Celtic history and culture on topics such as medieval Ireland, the Northern Britons and the Picts. You will also write a dissertation, allowing you to research a relevant topic of your own choosing and to develop a capacity to work independently.

Why choose Glasgow?
You will have the opportunity to study the medieval and modern cultures of the Celtic-speaking peoples, with scholars at the cutting edge of research – as part of a joint degree, with no requirement to learn a Celtic language.

Our international links
There are opportunities open for you to study in an institution outside the UK. The University has active study abroad relationships with universities such as the National University of Ireland, Galway.

Why choose Celtic Studies?
Celtic Studies provides the opportunity to choose from a range of courses on the medieval and modern Celtic languages of the British Isles (Scottish Gaelic, Irish and Welsh) and their associated cultures.

What to expect

Years 1 and 2
In the first two years you will take courses from the Celtic Civilisation and/or Gaelic programmes.

Entry requirements at a glance
A-levels:
Minimum entry BBB.
Highers:
Minimum entry ABB.
International Baccalaureate:
Minimum entry 34 points.

Entry requirements in full
See page 148 or visit glasgow.ac.uk/ug/entryrequirements for more information and subject-specific requirements.

Note
No prior knowledge of a Celtic language is required.

Career prospects
Recent graduates have gone on to enjoy success in a range of careers, including primary and secondary teaching, work with museums and government heritage bodies, publishing and book marketing. Others have gone on to further study and to pursue successfully a career in research and academic work.

Our international links
There are opportunities open to you to study in an institution outside the UK. The University has active study abroad relationships with universities such as the National University of Ireland, Galway.

Career prospects
Recent graduates have gone on to enjoy success in a range of careers including primary and secondary teaching; work with museums and government heritage bodies; publishing and book marketing; music and entrepreneurship. Others have gone on to further study and to pursue successfully a career in research and academic work.

Why choose Glasgow?
You will have the opportunity to study the medieval and modern cultures of the Celtic-speaking peoples, with scholars at the cutting edge of research – and learn a Celtic language of the British Isles.

What you will need

degrees and UCAS codes
MA (Hons): Four years
Archaeology
A-levels:
Standard entry AAAABBB at S5. * Minimum entry ABBBB.
International Baccalaureate:
Minimum entry ABB.
* Adjusted entry from ABB at S5/S6, see page 148 for eligibility.

Entry requirements in full
See page 149 or visit glasgow.ac.uk/ug/entryrequirements for more information and subject-specific requirements.

Note
No prior knowledge of a Celtic language is required.
You will study the history, economics, politics and sociology of the countries of Central and Eastern Europe.

What you will need

- Degrees and UCAS codes
  - MA (BsocSc) (Hons) (R900): Four years
    - Joint Honours available; see page 165.
  - Entry requirements at a glance
    - A-levels: Standard entry AAB, Minimum entry BBBBB.
    - Higher: Standard entry AAABBB at S5/S6, Minimum entry AB.
  - International Baccalaureate: Standard entry 38 points.
  - Minimum entry 34 points.
  - Entry requirements in full
  - See page 158 or visit glasgow.ac.uk/ug/entryrequirements for more information and subject-specific requirements.

- Glasgow International College
  - For international students entering this programme by courses from GIC. See page 30.

- Glasgow Q-Step Degrees
  - Studying Central & East European Studies at Glasgow can be taken in partnership with the Glasgow Q-Step programme to give you more opportunities to develop your quantitative research skills. For more information, see page 126 or visit glasgow.ac.uk/schools/socialpolitical/q-stepcentre.

What to expect

Year 1
- You will study the collapse of the Russian and Habsburg Empires and the emergence and expansion of the Soviet system after 1917. You will examine the origin, nature and consequences of communism and national identities, as well as the culture, civil society, and the reasons for the collapse of communism in the region during 1989 - 91.

Year 2
- You will chart developments in the societies of the region from 1989 to the present day, including processes of economic, political and territorial changes, aspects of social and cultural diversity, migration and the role of the media. You will examine the impact of the end of the Soviet Union on the development of “transition” ideologies, the emergence of civil society, and the integration of the region into international organisations such as the European Union and NATO.

Year 3 and 4
- If you progress to Honours (years 3 and 4), you will study:
  1. Special Glasgow feature
     - You will have the opportunity to take one of the following languages – Hungarian, Czech, Polish or Russian.
  2. Our international links
     - We have a wide range of links with universities around the world, including Russia, Central Asia, Ukraine, Georgia, Central Europe, the Baltic states and the Balkans. If you choose to complete a Single Honours degree, you will undertake a fieldtrip abroad.
  3. Career prospects
     - The 2004 and 2007 eastward enlargement of the EU and NATO, as well as ongoing developments in Russia, Ukraine, the other former Soviet states and the Balkans, mean there is a high demand for specialists in the field. Graduates have developed careers with a host of UK and international employers including the European Commission, the Foreign and Commonwealth Office, local government, non-governmental organisations (NGOs), teaching and education services, journalism, human resources and administration, and the business community (developing trade links with the Central and Eastern European region).

Why choose Glasgow?
- The University is a hub for a government-funded Centre of Excellence for Russian, Central & East European Studies, which hosts cultural, social and academic events throughout the year.

Central & East European Studies students thought staff were good at explaining things!

100%

Central & East European Studies students thought staff were good at explaining things!

91%

Physics and Astronomy students were satisfied overall!

CHEMICAL PHYSICS

Chemical physics is concerned with electrons, nuclei, atoms and molecules in all states of matter, and how they interact with their environment. This degree programme covers the area in which chemistry and physics overlap.

What you will need

- Degrees and UCAS codes
  - MSci with work placement (F370): Five years
  - MSci (F322): Five years
  - BSc (Hons) (F335): Four years
  - Entry requirements at a glance
    - A-levels: Standard entry AAB, Minimum entry BBB.
    - Higher: Standard entry AAABBB at S5/S6, see page 164 for eligibility.

- International Baccalaureate: Standard entry 36 points.
- Minimum entry 34 points.
- Entry requirements in full
  - See page 156 or visit glasgow.ac.uk/ug/entryrequirements for more information and subject-specific requirements.

- Glasgow International College
  - For international students entering this programme by courses from GIC. See page 30.

- Glasgow Q-Step Degrees
  - Studying Central & East European Studies at Glasgow can be taken in partnership with the Glasgow Q-Step programme to give you more opportunities to develop your quantitative research skills. For more information, see page 126 or visit glasgow.ac.uk/schools/socialpolitical/q-stepcentre.

What to expect

Year 1 and 2
- Initially you will study chemistry, physics and mathematics. In the following year you will study chemistry and physics.

Years 3, 4 and 5
- If you progress to Honours (years 3 and 4) you will study:
  1. in physics: a range of courses including quantum mechanics, thermal physics, solid state physics, waves and diffraction, electromagnetism, nuclear and particle physics, and atomic systems,
  2. in chemistry: various aspects of physical and inorganic chemistry including catalysis, solid state chemistry, coordination chemistry, quantum mechanics and symmetry, spectroscopy, thermodynamics and diffraction.

- You will gain an in-depth knowledge of chemistry, physics, mathematics and computing, and will be able to tackle most problems in chemistry and physics. In the final year, you will work closely with a member of staff on a research project.

- You can take Chemical Physics as an MSci degree, which may include an additional placement year. This is normally spent doing research in industry or some other organisation such as a research institute like CERN or an academic laboratory. Placements may be in the UK, but are often taken overseas. They happen between third year and the final year of the degree.

- Our international links
  - The School of Chemistry and Physics and Astronomy have strong international links across a wide range of research fields.

- Career prospects
  - Our graduates are employed in industry, commerce, government research and education. Many graduates proceed to research leading to a higher degree.

- Accreditation
  - These programmes are accredited by the Institute of Physics.

Why choose Glasgow?
- You will learn how to understand the laws of physics so that you can apply the latest technologies to control molecules and make new materials.
CHEMISTRY WITH MEDICINAL CHEMISTRY

This degree programme provides a thorough training in the main branches of chemistry and also concentrates on the study of areas of medicinal chemistry and pharmacology most relevant to carrying out research with medicinal and other biologically active compounds.

What you will need

Degrees and UCAS codes

BSc (Hons) (F100): Four years
MSci with European placement (F103): Five years
MSci with work placement (F101): Five years

International Baccalaureate:
* Adjusted entry from AABB at S5/S6, see page 148

A-levels:
Minimum entry AAB.

Highers:
Minimum entry AAAA/AAABB at S5. *

International Baccalaureate:
Standard entry 36 points. Minimum entry 34 points.

Entry requirements in full
See page 156 or visit glasgow.ac.uk/ug/entryrequirements for more information and subject-specific requirements.

Glasgow International College
For international students entry to this programme is supported by courses from GIC. See page 30.

What to expect

Year 1
The topics covered include:
- the periodic table and main group chemistry
- transition metal chemistry
- organic chemistry
- chemical kinetics
- quantum mechanics
- states of matter
- chemical energy changes
- aqueous equilibria and pH
- macromolecules

Year 2
The topics covered include:
- molecular thermodynamics
- organic stereochemistry
- quantum mechanics and chemical bonding
- organometallic chemistry
- main group chemistry
- enols and enolates
- spectroscopy
- solids and surfaces
- aromatic chemistry
- coordination chemistry
- organic synthesis
- electrochemistry
- applied organic chemistry
You will also study other subjects in years 1 and 2 – see page 32 for details.

Years 3, 4 and 5
If you progress to Honours (years 3 and 4), you will study advanced topics in chemistry including aspects of synthetic methods, medicinal chemistry, catalysts, catalysis, quantum mechanics, spectroscopy, and main group and transition metal chemistry. In your final year you will undertake a research project at the frontiers of the subject.

Why choose Glasgow?

Two interactive teaching units that concentrate on ethical, environmental and financial issues in chemistry will help you develop teamworking and presentation skills.

We offer employability and professional development training to our Chemistry graduates in years 1 and 2 of their degrees.
Our graduates are employed in research with medicinal and other biologically active compounds.

Our international links

The MSci degree offers the opportunity to spend a year doing your placement in a European university before returning for your final year of study.

Career prospects

Our graduates are employed in research with medicinal and other biologically active compounds.

Accreditation

These programmes are accredited by the Royal Society of Chemistry.

Why choose Glasgow?

You’ll benefit from a lecture course on industrial medicinal chemistry presented by research workers from a pharmaceutical company on topics such as drug receptor interactions and the design, synthesis, transport and metabolism of important drugs.
What to expect

The programme contains work-based elements and will be rooted in practice. You will review your experience and use this review as the basis for planning and setting targets for professional development within the programme. Courses to be studied are dependent on your previous qualifications (HNCs, PDAs and SVQs). In consultation with the programme leader, your studies will be made up of the following courses.

Core courses
- Professional enquiry: the standard for childhood practice
- Professional enquiry: planning a project
- E-learning developments and communication
- Professional enquiry: taking action and making an intervention
- Professional enquiry: sustaining and communicating improvements in practice
- Leadership, management and professional values
- Practice placement

Additional courses required to gain credit
- Childhood practice: global perspectives
- Self-evaluation and quality management
- Key issues and debates in contemporary childhood
- Multi-professional collaboration in children’s services
- Social and cultural contexts of childhood

Teaching is delivered through a combination of lectures, work in groups and other popular education methods. As this is a work-based learning programme, in addition to formal learning, you will draw from your own practice in the field of childhood practice.

Why choose Glasgow?

This degree has been designed to meet the registration requirements of the Scottish Social Services Council for manager/lead practitioner in day care services for children.

Data supplied by Unistats (unistats.direct.gov.uk). Please note that this particular data refers to 2014/15 as the programme was not included in the 2015/16 survey.

100% Childhood Practice students were satisfied overall.

Childhood Practice was satisfied overall.

1 Data supplied by Unistats (unistats.direct.gov.uk). Please note that the particular data refers to 2014/15 as the programme was not included in the 2015/16 survey.

Social Sciences
Civil engineers design and build major structures and provide the skills and expertise to design, build and maintain the country’s infrastructure.

What you will need

Degrees and UCAS codes
BEng (H202): Four years
MEng (H200): Five years

Entry requirements at a glance
BEng students who perform well may transfer to the MEng programme on completion of years 1, 2 and 3.
MEng
A-levels: Standard entry AAAB. Minimum entry BBB.
Highers: Standard entry AAAA or AAABB at S5.* Minimum entry AAABB.

International Baccalaureate: Standard entry 36 points. Minimum entry 34 points. Highers: Standard entry AAAA or AAABB. Minimum entry BBB.

Entry requirements in full
See page 151 or visit glasgow.ac.uk/ug/entryrequirements for more information and subject-specific requirements.

Glasgow International College
For international students entry to this programme is supported by courses from GIC. See page 30.

What to expect

Programme structure
You will study the same courses in the first three years whether you are on the BEng or MEng degree programme.

Year 1
In your first year, you will take a wide-ranging curriculum which includes courses in civil engineering, mathematics, dynamics, electronics, materials, statics, thermodynamics and engineering skills. These courses are supported by individual and group project work and laboratory work. This interdisciplinary approach, favoured by industry, also makes it easy to switch to another engineering discipline at the end of year 1 should you wish to do so.

Years 2 and 3
You will take a range of courses within structural engineering, water engineering, transportation, geotechnical engineering and construction management. Courses cover both fundamental principles and practical applications. We place considerable emphasis on practical work, in the form of laboratory classes, physical and computational modelling exercises, project work, surveying fieldwork, design projects and site visits.

Years 4 and 5
In fourth year, MEng students study a greater range of advanced analytical topics than BEng students. Year 5 of the MEng programme contains a mix of advanced courses and major design project work, some involving practising engineers, which are intended to develop professional-level skills.

Why choose Glasgow?
In year 4 you will take part in a design project with students of architecture and quantity surveying to solve real-life design problems, just as you would do in professional life.

Civil Engineering students in work/study six months after finishing: 95%

What to expect

Programme structure
We have excellent links with industry, with practising engineers contributing to projects, lectures and case studies.

Year 1
In your first year, you will take a wide-ranging curriculum which includes courses in architecture, civil engineering, mathematics, dynamics, electronics, materials, statics, thermodynamics and engineering skills. These courses are supported by individual and group project work and laboratory work. This interdisciplinary approach, favoured by industry, also makes it easy to switch to another engineering discipline at the end of year 1 should you wish to do so.

Years 2 and 3
You will take a range of courses within structural engineering, water engineering, transportation, geotechnical engineering, and construction management. Courses cover both fundamental principles and practical applications. We place considerable emphasis on practical work, in the form of laboratory classes, physical and computational modelling exercises, project work, surveying fieldwork, design projects and site visits.

Years 4 and 5
In fourth year, MEng students study a greater range of advanced analytical topics than BEng students. Year 5 of the MEng programme is largely devoted to a series of case studies, based on real problems and with strong industry input, which are intended to develop high-level problem-solving skills.

Career prospects
Recent graduates have been employed by:
- ARUP, civil engineer
- Jacobs Engineering Ltd, civil engineer
- Balfour Consultancy Ltd, structural engineer
- BAM Nuttall, civil engineer
- Laing O’Rourke, civil engineer
- Scottish Southern Energy, civil engineer
- WSP Group, civil engineer
- Atkins Global, graduate civil engineer
- SEPA, trainee flood risk scientist
- Scottish Natural Heritage, civil engineer

Accreditation
MEng: fully satisfies the educational base for a Chartered Engineer.
BEng: fully satisfies the educational base for an Incorporated Engineer and partially satisfies the educational base for a Chartered Engineer.

Why choose Glasgow?
This is a unique degree programme in collaboration with the Glasgow School of Art. The architectural component is entirely design-oriented, studio-based and directed towards the production of sketches, drawings and models and their compilation into a portfolio.

Civil Engineering with Architecture
Civil Engineering with Architecture will give you an understanding of the architect’s role in construction and the interaction between architect and civil engineer.

What you will need

Degrees and UCAS codes
BEng (H2KC): Four years
MEng (H2KX): Five years

Entry requirements at a glance
BEng students who perform well may transfer to the MEng programme on completion of years 1, 2 and 3.

BEng
A-levels: Standard entry AAAB. Minimum entry BBB.
Highers: Standard entry AAAA or AAABB at S5.* Minimum entry AAABB.

International Baccalaureate: Standard entry 36 points. Minimum entry 34 points. Highers: Standard entry AAAA or AAABB. Minimum entry BBB.

Entry requirements in full
See page 151 or visit glasgow.ac.uk/ug/entryrequirements for more information and subject-specific requirements.

Why choose Glasgow?
This is a unique degree programme in collaboration with the Glasgow School of Art. The architectural component is entirely design-oriented, studio-based and directed towards the production of sketches, drawings and models and their compilation into a portfolio.

Accreditation
MEng: fully satisfies the educational base for a Chartered Engineer.
BEng: fully satisfies the educational base for an Incorporated Engineer and partially satisfies the educational base for a Chartered Engineer.

Career prospects
Our recent graduates have been employed by companies such as ARUP, Buro Happold and Atkins Global.

CIVIL ENGINEERING WITH ARCHITECTURE
CIVIL ENGINEERING

95%

95%
CLASSICS

CLASSICAL CIVILISATION

Classics involves the study of the literature, history, art and material culture of ancient Greece and Rome. Study of Latin and/or Greek language is possible at any level.

What to expect

Classics students were satisfied overall 1

What you will need

Degrees and UCAS codes
- MA (Hons) (Q820): Four years
- MA (Hons) (Q821): Four years
- BA (Hons) (XL35): Four years

Entry requirements at a glance

A-levels:
- Standard entry AAB.
- Minimum entry BBB.

Highers:
- Standard entry AAAA/ABB at S6.
- Minimum entry AABB.

International Baccalaureate:
- Standard entry 36 points.
- Minimum entry 34 points.

Entry requirements in full

See page 149 or visit glasgow.ac.uk/ug/entryrequirements for more information and subject-specific requirements.

Note

You do not require a knowledge of the Greek and Latin languages.

What to expect

Year 1
You will study classical civilisation, covering the history, literature and culture of Archaic Greece and Republican Rome. You will read Homer alongside the histories of Herodotus and Sallust, the plays of Plautus, and the speeches of Cicero.

Year 2
You will study the literature, culture and politics of democratic Athens and of the Roman empire at its height. The set books include plays by Aeschylus, Sophocles, Euripides and Aristophanes; a dialogue by Plato; the histories of Thucydides and Tacitus; the Aeneid of Virgil; the satirical writings of Juvenal; and Petronius’ extraordinary novel. You can now take any of the Pre-Honours Classical Civilisation courses (1A, 1B, 2A, 2B) in an online format as an alternative to the traditional face-to-face courses, for greater flexibility.

You will also study other subjects in years 1 and 2 – see page 32 for details.

Years 3 and 4
If you progress to Honours (years 3 and 4) you will choose options from a wide range that reflects the research interests of members of staff. Courses may include:
- Interpreting Greek tragedy
- The Roman stage
- Greek/Roman art
- Gender and sexuality in ancient Rome
- Ancient medicine
- Homer and His readers
- Rhetoric at Rome
- Myths, fictions and histories of Alexander the Great
- Rome’s empire

There is also the opportunity to start or continue study of Latin and/or Greek.

Our international links

- You will have the opportunity to spend at least three weeks (usually during the summer vacation after third year) visiting archaeological sites and museums in Italy and Greece. Financial support for this visit is available to all Single Honours students.
- You may also spend your third year studying at universities in North America, Australia, New Zealand or Europe.

Career prospects

In recent years our graduates have found employment as:
- teachers
- civil servants
- administrators
- librarians
- archivists
- experts in museums and galleries

Why choose Glasgow?

You will have the opportunity to visit archaeological sites and museums in Italy and Greece as part of your programme.

Why choose Glasgow?

You will have the opportunity to visit archaeological sites and museums in Italy and Greece. You will also study other subjects in years 1 and 2 – see page 32 for details.

What will you need

Degrees and UCAS codes
- BA (Hons) (XL35): Four years

Entry requirements at a glance

A-levels:
- Standard entry BBB.
- Minimum entry CCC.

Highers:
- Standard entry AAAA/ABB at S6.
- Minimum entry AABB.

International Baccalaureate:
- Standard entry 36 points.
- Minimum entry 28 points.

Entry requirements in full

See page 149 or visit glasgow.ac.uk/ug/entryrequirements for more information and subject-specific requirements.

Interviews

Acceptance to the programme will be decided by interview.

What will you need

- Degrees and UCAS codes
- BA (Hons) (XL35): Four years

Programme structure

- This is a work-based learning programme and therefore all applicants must have at least 10 hours per week of paid or voluntary work in the broad field of community development (including youth work, community work and/or adult education). Applicants with no formal qualifications are encouraged to apply on the premise that they have extensive experience within a community development setting.

Entry requirements at a glance

A-levels:
- Standard entry ABB.
- Minimum entry BBB.

Highers:
- Standard entry AAAA/ABB at S6.
- Minimum entry AABB.

International Baccalaureate:
- Standard entry 36 points.
- Minimum entry 34 points.

Entry requirements in full

See page 149 or visit glasgow.ac.uk/ug/entryrequirements for more information and subject-specific requirements.

Interviews

Acceptance to the programme will be decided by interview.

Programme structure

This programme is specifically designed for people who are working within the field either in paid employment or in a voluntary capacity. You will normally attend classes approximately a day and a half per week from September to May. Work-based learning, reflective enquiry, and subject area studies are interspersed throughout the programme.

Year 1
You will study:
- Approaches to community development
- Methods of community development
- Social theories
- Local and global contexts of community development
- Community development practice

Year 2
You will study:
- Advanced community development practice
- Power, language and society
- Popular education
- Introduction to research

Year 3
You will study:
- Space, place and politics
- Social justice, community and the individual
- Community-based research
- Community development placement

Year 4
You will study:
- Elective options spanning Community Arts, Urban Studies, Theology, Business and more
- An applied research practices course to support a research-based project in the field

What to expect

Why choose Glasgow?

You will have the opportunity to take part in a valuable work placement, as well as annual study trips.

Why choose Glasgow?

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COMMUNITY DEVELOPMENT

Through this degree programme you will develop both the practical and analytical skills to work effectively with a range of communities to bring about social change.

Why choose Glasgow?

You will have the opportunity to take part in a valuable work placement, as well as annual study trips.

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You will have the opportunity to take part in a valuable work placement, as well as annual study trips.

1 Data published by Unistats (unistats.direct.gov.uk). January 2017

2 Data published by Unistats (unistats.direct.gov.uk). January 2017
COMPARATIVE LITERATURE

Comparative literature is the study of literature across cultural and national frontiers, time periods, languages and genres, even across the boundaries between literature and the other arts.

What you will need

Degrees and UCAS codes
MA (Hons): Four years
Comparative literature is only taken as a Joint Honours degree; see page 165 for options and UCAS codes.

Entry requirements at a glance
A-levels: Standard entry AAB. Minimum entry BBB.
HIGHERS: Standard entry AAAA/AABB at S5. * Minimum entry AABB. * Adjusted entry from AABB at S5/S6, see page 149 for eligibility.

International Baccalaureate: Standard entry 36 points. Minimum entry 34 points.

Entry requirements in full
See page 149 or visit glasgow.ac.uk/ug/entryrequirements for more information and subject-specific requirements.

What to expect

Programme structure
The comparative or cross-cultural study of literatures assumes that people from different cultures, times, places and languages can communicate with each other, understand (if not fully share) each other’s traditions, and benefit from such contacts.

Year 1
You will read a wide variety of texts under the theme of heroes. You will analyse works representing different types of hero: classical, tragic, popular, traditional, comic, anti-heroes and others, and also explore the notion of heroism, its absence in our lives and our longing for it as this finds expression in various historical contexts and cultures. The notion of female heroism in contrast to male heroism is also explored. An optional pathway involves the study of heroism in Russian and Central European cultures.

Year 2
In the second year the theme of frontiers will focus on the depiction of various forms of crossing and borders: geographic, scientific, psychological, gender-oriented and cultural. You will study a variety of ‘crossings’ and look at the exploration of otherness, secrets, mysteries and taboos. You will also focus on various literary and cinematic depictions of the search for identity and the meaning of self through a series of challenging texts and films from a variety of cultures. There is also the opportunity to explore the theme of frontiers in Slavonic cinema.

You will study two other subjects alongside Comparative Literature in years 1 and 2 – see page 32 for details.

Years 3 and 4
If you progress to Honours (years 3 and 4) Comparative literature may only be taken as a Joint Honours degree, meaning that you will also study another subject.

In your Honours years you will take courses that deepen your knowledge and understanding of literary and cultural theories and you will read texts from an intercultural perspective. In addition to this, you will learn how to reflect critically upon the different approaches you take to texts. You will also gain an awareness of issues of language and translation as they relate to the reading of texts from different cultures.

Our international links
Our Comparative Literature students have studied abroad at universities in Europe and the USA for a semester or longer.

Career prospects
Our graduates have gone on to pursue rewarding careers in the media, teaching (both at home and abroad), journalism, tourism, translating and interpreting, the civil service, as well as business, commerce and marketing.

Why choose Glasgow?
You can study Comparative Literature alongside a whole range of other subjects and you may want to consider studying it with a foreign language.

COMPUTING SCIENCE

Computing science is wide-ranging: from programming and engineering large software systems, to the design and evaluation of human-computer interfaces, algorithms, computer and network systems, and information retrieval and storage systems.

What you will need

Degrees and UCAS codes
BSc (Hons) (G400): Four years
MSci (G402): Five years
Faster route BSc (Hons) (SNPR): Three years
Faster route MSci (7G3F): Four years

Entry requirements at a glance
A-levels: Standard entry AAB including B in Mathematics. Minimum entry BBB, including B in Mathematics.
HIGHERS: Standard entry AAAA/AABB at S5. * Minimum entry AABB. * Adjusted entry from AABB at S5/S6, see page 149 for eligibility.

International Baccalaureate: Standard entry 36 points. Minimum entry 34 points.

Entry requirements in full
See page 156 or visit glasgow.ac.uk/ug/entryrequirements for more information and subject-specific requirements.

What to expect

Year 1
There is a substantial emphasis on programming, which we view as a fundamental skill. We mostly use the Python language. We also provide a broad introduction to other key areas of the subject, including computer systems, databases, and human-computer interaction.

Year 2
You will study Java programming, object-oriented software engineering, data structures and algorithms, algorithmic foundations, computer systems and web application development.

You will also study other subjects in years 1 and 2 – see page 32 for details.

Years 3, 4 and 5
If you progress to Honours (years 3 and 4) you will cover the essential aspects of computing science in breadth and depth by the end of year 3. In year 4 you will specialise in chosen areas. Together with team projects and a substantial individual project, the programme provides excellent preparation for professional computing scientists.

Computing Science can be taken as an MSci, which includes an additional year. Students on the MSci programme follow the BSc Honours degree programme, followed by an additional year studying advanced modules and a substantial research-oriented project.

Why choose Glasgow?
Glasgow is ranked 2nd in Scotland for Computer Science according to the Complete University Guide 2017.
DENTISTRY

Glasgow Dental Hospital & School is located in the centre of Glasgow with up-to-date facilities for patient care, student clinical practice and training, and education and research in dental and oral diseases and disorders.

What you will need

Degrees and UCAS codes
BDS (A200): Five years

Entry requirements at a glance
- A-levels:
  - A* including Biology and Chemistry.
  - HH (or a single grade B in Biology and Chemistry) for eligibility.
  - UKCAT.

Entry requirements

- Biology and Chemistry HL6 and Biology HL6.
- Chemistry HL6 and Biology HL6.
- Other subject-specific requirements.

Entry requirements for MBBS

See page 150 for MBBS entry requirements.

UKCAT

You will be required to take the UK Clinical Aptitude Test (UKCAT).

Applying for Dentistry

All applications must be received by UCAS by 15 October. If applying for Dentistry (A200) you must limit your choice to four dental schools only.

What to expect

Year 1

You will be introduced to all aspects of clinical dentistry, supported by the teaching of clinical medicine, patient management, and health promotion, and biomedical sciences such as anatomy, physiology, and microbiology.

Year 2

You will be introduced to the theory and practice of the subjects that form the clinical basis of dentistry, operative dentistry, prosthodontics and periodontics. As part of the introduction to operative dentistry you will learn about the treatment of dental caries, carried out in a simulated clinical setting.

Year 3

You will expand your skills in all aspects of restorative dentistry and will also carry out your first extraction. You will attend outreach placements in paediatric dentistry. Other teaching includes a comprehensive head and neck anatomy course, the dentist’s role in providing smoking and alcohol advice, initial preparation for the provision of sedation, and self-directed work within various subject areas on computer.

Year 4

You will continue to work in the Dental School and in the community and will have an opportunity to develop your clinical skills through exposure to patients in all the dental disciplines. Teaching includes oral medicine, sedation, orthodontics fixed appliance course, and further aspects of patient management, health promotion.

Year 5

At the end of fourth year you are required to undertake a period of elective study of around four weeks’ duration. This is an opportunity for personal and professional development. Possible elective study options include:

- an audit project
- an educational comparison
- a research project (quantitative or qualitative)
- other types of experience such as veterinary dentistry or learning a foreign language within a clinical environment
- a healthcare project in a remote or low-income country

You will have a supervisor to help you plan your study, which will be written up as a report at the beginning of fifth year.

Year 6

You will spend half your time in the Dental School and half working in a community practice. During the elective period at the end of fifth year, you will choose a topic to study in greater depth, either in Glasgow or elsewhere. Many students take the opportunity to travel abroad and the University provides organisational and limited financial support.

Important information

Fitness to Practise

Where a programme of study requires the student to act in the course of practical training in a quasi-professional role in relation to patients, children, clients or service-users or where the qualification provides a direct licence to practise, the University has a duty to ensure that the student is fit to practise. Fitness to Practise is assessed not only in terms of academic attainment but also in accordance with relevant professional concerns and expectations. Students registered to study dentistry are subject to separate Fitness to Practise procedures.

A copy of the Code of Professional Conduct and Fitness to Practise will be made available to BDS students.

Hepatitis C

Guidelines from the Department of Health recommend that those embarking on training in certain healthcare professions in which invasive procedures are undertaken (including dentistry) must be screened for Hepatitis C prior to registration. Applicants who are carriers of this infection will not be allowed to enter training unless they respond to treatment. All new dental students will be screened for Hepatitis C. The University undertakes this during pre-entry health screening in September.

HIV

Guidance from the Department of Health requires all dental students to be screened for HIV prior to entry. Further information will be provided to applicants at the appropriate time.

Disclosure Scotland

Protection of Vulnerable Groups Scheme

If you are admitted to the BDS programme you will be required to undertake a Criminal Convictions check prior to registration. It is your responsibility to pay for the check.

International applicants

As a result of a policy decision by the Scottish Government and the Scottish Funding Council, students from outside the EU are likely to have to leave the country after graduation though they will be able to join the General Dental Council.

Our international links

During the elective period at the end of fourth year, you will choose a topic to study in greater depth, either in Glasgow or elsewhere. Many students take the opportunity to travel abroad and the University provides organisational and limited financial support.

Career prospects

Most dental graduates become general dental practitioners. Other possible careers lie in the hospital service or the community dental service.

Choosing a career in NHS general dental practice requires you to undertake a period of vocational training designed to ease the transition between dental school and general dental practice.

This vocational training period lasts one year. However, in some parts of the country, it has been voluntarily extended to a two-year period of general professional training, to provide experience in the provision of dental care in both primary and secondary settings.

Accreditation

The BDS is recognised by the General Dental Council for the purpose of membership.

Why choose Glasgow?

Dentistry at Glasgow is ranked first in the UK (Complete University Guide 2017).

Important information

Fitness to Practise

Where a programme of study requires the student to act in the course of practical training in a quasi-professional role in relation to patients, children, clients or service-users or where the qualification provides a direct licence to practise, the University has a duty to ensure that the student is fit to practise. Fitness to Practise is assessed not only in terms of academic attainment but also in accordance with relevant professional concerns and expectations. Students registered to study dentistry are subject to separate Fitness to Practise procedures.

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Accreditation

The BDS is recognised by the General Dental Council for the purpose of membership.

Why choose Glasgow?

Dentistry at Glasgow is ranked first in the UK (Complete University Guide 2017).

99% Dentistry students were satisfied overall7

7 Data published by G-dates 3 (pedodontics.dentistry.glasgow.ac.uk) January 2017
DIGITAL MEDIA & INFORMATION STUDIES

Digital Media & Information Studies explores the creation, use and impact of digital content and information technology in the arts, humanities and society at large. It brings a human perspective to the issues of the digital age.

What you will need

- **Degrees and UCAS codes**
  - MA (Hons) (I150): Four years
  - BSc (Hons) (F600): Four years

- **Entry requirements at a glance**
  - A-levels: Standard entry AAB
  - Highers: Minimum entry BBB
  - International Baccalaureate: Standard entry at 18 points. Minimum entry 34 points.

- **Entry requirements in full**
  - See page 149 or visit glasgow.ac.uk/ug/entryrequirements for more information and subject-specific requirements.

What to expect

- **Programme structure**
  - **Year 1**
    - Initially you will be introduced to the value and importance of information within our society, through theoretical lectures and practical sessions, exploring and using a range of digital media technologies. You will discover how information becomes digital media and learn key skills for information literacy.
    - Topics covered include:
      - enterprise creativity and citizenship online
      - heritage cultural informatics
      - multimedia analysis and design
      - digital content encoding
      - humanity and trans-humanity
      - records and evidence
      - archives, records and information management
      - digital games studies
    - You will also complete a dissertation based on an original piece of research.
  - **Year 2**
    - Your second-year studies build on the foundations laid in the first year and introduce new concepts and applications including:
      - artificial intelligence
      - 3D modelling
      - information systems
      - cyberspace
      - digital sound and video
      - digital curation and stewardship
    - You will also study other subjects in years 1 and 2 – see page 32 for details.
  - **Years 3 and 4**
    - If you progress to Honours (years 3 and 4) you will gain a broader theoretical understanding along with a chance to study the creation, application and use of particular technologies in more detail, engaging your human perspective on the issues of the digital age.
    - You will choose from courses such as:
      - enterprise creativity and citizenship online
      - heritage cultural informatics
      - multimedia analysis and design
      - 2D digitisation
      - three-dimensional digitisation
      - humanity and trans-humanity
      - records and evidence
      - archives, records and information management
      - digital games studies
    - You will also complete a dissertation based on an original piece of research.

Why choose Glasgow?

- We are the only university to offer this innovative programme at undergraduate level in the UK.

EARTH SCIENCE

Earth science is the study of the Earth, its structure, composition, history and resources. It is concerned with the interactions of the Earth’s deep geology with surface processes, climates and natural and anthropogenic changes.

What you will need

- **Degrees and UCAS codes**
  - MA (Hons) (I150): Four years

- **Entry requirements at a glance**
  - A-levels: Standard entry AAB
  - Highers: Standard entry AAAA/AAABB at S5. Minimum entry BBB.

- **Entry requirements in full**
  - Minimum entry ABBB.
  - See page 156 or visit glasgow.ac.uk/ug/entryrequirements for more information and subject-specific requirements.

What to expect

- **Year 1**
  - Initially you will study the major themes of Earth Science. There are two courses in first year, covering plate tectonics, the structure of the Earth, earthquakes, volcanoes, how rocks deform, evolution of life, environmental issues, geotechnology, and exploration for oil, gas, coal and minerals.
  - **Year 2**
    - You will undertake four courses in the second year, building your knowledge of:
      - the solid Earth
      - palaeobiology, and the use of fossils to reconstruct environments and climates in the past
      - the surface of the Earth in the past and the present day
      - the structure of the Earth, geological maps, and Earth exploration
    - You will also study other subjects in years 1 and 2 – see page 32 for details.
  - **Years 3 and 4**
    - If you progress to Honours (years 3 and 4) you will study a number of core courses covering stratigraphy, petrology and geochemistry, sedimentary rocks, isotope geology, tectonic geomorphology, structural geology, geological maps, geophysics, and major Earth processes.
    - You will participate in several residential field classes and undertake two independent projects.
    - You will also tailor your degree to include additional areas of particular interest chosen from a wide range of optional courses, many of which are focused on applied aspects of Earth Science.

Why choose Glasgow?

- The flexibility of our Honours programme will enable you to choose options focused towards a range of potential careers while mastering core aspects of Earth Science including professional-level field skills.
**ECONOMIC & SOCIAL HISTORY**

Economic and social history is the study of the way societies change in their economic activities and social organisation. It is concerned with how people in the past lived and worked, and how this has affected the development of today’s world.

### What to expect

**Programme structure**
You will study economic and social trends from 1750 to the present day, both in Britain and internationally, and with an emphasis on the development of a wide range of transferable skills.

- **Year 1**
  - You will take two courses around the themes of:
    - globalisation
    - the workplace
    - social order and conflict
    - gender and the family
    - migration and the community
    - international economic relations
  - You will be introduced to major themes in history, including sources of economic growth and social change, and the international transmission of social and economic trends.

- **Year 2**
  - You will study economic and social changes in the UK since 1750, in two courses, exploring the themes of:
    - industrialisation and its social dimensions
    - global trade and competition
    - work, living standards and consumerism
    - gender relations and the family
    - labour organisation and protest
    - welfare and social policy
    - changes in economic and industrial structures
    - wars and economic and social change
  - You will also study other subjects in years 1 and 2 – see page 32 for details.

- **Years 3 and 4**
  - If you progress to Honours (years 3 and 4) you will select courses on a variety of themes, in a range of national and international contexts, and mainly in the period from 1750 to the present.

These courses are taught by staff with rich expertise extending to modern Scotland, Germany, Japan, China and the USA, with particular strengths in the areas of gender history, medical history, business history, and labour history.

In Junior Honours (year 3), core course students will work in small groups on research projects, supervised by staff, and have the opportunity to explore their own specialist interests with the Senior Honours (year 4) dissertation. There is an emphasis on critical thinking and the development of a variety of personal and intellectual skills.

#### Our International links

You will have the opportunity to apply to study abroad. There are currently two options available: the Erasmus + Programme and the International Exchange Programme.

#### Career prospects

Our graduates are trained to express themselves logically and to speak confidently. They have learned how to handle and analyse information, to make independent judgements, and organise their time effectively. They have found employment in a very wide range of careers, including:

- management in industry, retailing, marketing and financial services
- central and local government
- the media and information technology
- teaching at all levels
- libraries, museums and archives
- social work and other personnel services

Why choose Glasgow?

It is possible to do this degree together with a language, including a year abroad.

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**What you will need**

**Degrees and UCAS codes**

- **MA (SocSci) (Hons) (V000)**
  - Four years
    - Standard entry AAB.
    - Minimum entry BBB.
    - Higher entry requirements: Standard entry AAAB at S5.*
    - Minimum entry AABB.
    - International Baccalaureate: Standard entry 38 points. Minimum entry 38 points.
  - Four years
    - Standard entry AAAAB at S5.*
    - Minimum entry AABB.
    - Adjusted entry from AABB at S5/S6, see page 148 for eligibility.

**Entry requirements in full**
See page 158 or visit glasgow.ac.uk/ug/entryrequirements for more information and subject-specific requirements.

**Glasgow International College**

For international students entry to this programme is supported by courses from GIC. See page 30.

**Note**

Previous knowledge of economics or history is not necessary.

**Glasgow Q-Step Degrees**

Studying Economic and Social History at Glasgow can be taken in partnership with the Glasgow Q-Step programme to give you more opportunities to develop your quantitative research skills. For more information, see page 126 or visit: glasgow.ac.uk/schools/socialpolitical/q-stepcentre

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**In the top 3% of Economics institutions in Europe**

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**ECONOMICS**

In studying economics you will learn how individuals and society make choices about how scarce resources are used, what products are produced and who gets to consume them. These choices depend on evaluating costs, benefits, risks and effects on others.

### What to expect

**Programme structure**

You will study the principles of microeconomics and macroeconomics and will have the opportunity to develop an interest in fields such as government policy, developing countries, the economics of business, and international trade and finance. You will be exposed to different schools of thought and you will also have the opportunity to develop an interest in fields such as government policy, developing countries and international trade.

- **Year 1**
  - In first year you will study:
    - Introduction to the market mechanism
    - International trade
    - Economic development
    - Macroeconomics
    - Microeconomics
    - Macroeconomic policy in an open economy
    - Quantitative techniques

- **Year 2**
  - In second year you will study:
    - Intermediate macroeconomics
    - Intermediate microeconomics
    - Introduction to mathematical economics
    - Economic data analysis

You will also study other subjects in years 1 and 2 – see page 32 for details.

**Years 3 and 4**

If you progress to Honours (years 3 and 4) you will take courses in microeconomic analysis and macroeconomic analysis. You will also take courses in econometrics, which involves the statistical techniques of economic analysis. In year 4 the compulsory course on economic analysis.

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**Why choose Glasgow?**

Economics at Glasgow dates back to Adam Smith, who was a Professor at the University in the 18th century and is widely regarded as the father of modern economics.
Studying Electronics & Electrical Engineering prepares you for a wide range of professional careers. As a graduate engineer you will be able to deal with anything from power engineering to microelectronics, radar installations to the design of digital systems.

What you will need

**Degrees and UCAS codes**
- BSc (Hons) (GH66): Four years
- BEng (G100): Four years
- MEng (G466): Five years

**Entry requirements at a glance**
- BEng students who perform well may transfer to the MEng programme on completion of years 1, 2 and 3.
- MEng students who perform well may transfer to the MEng programme on completion of years 1, 2 and 3.

**A-levels:**
- Standard entry AAB.
- Minimum entry BBB.
- Higher:
  - Standard entry AAAA or AAABB at S5.
  - Minimum entry AABBB.
- International Baccalaureate:
  - Minimum entry 34 points.
  - Adjusted entry from AABB at S5/S6, see page 148 for eligibility.

**HIGHERS:**
- Standard entry AAAAA at S5.
- Minimum entry AAABB at S5.
- Minimum entry AAAA or AABBB at S5.
- Minimum entry AABBB.

**International Baccalaureate:**
- Minimum entry 34 points.
- Minimum entry 34 points.

**BSc:**
- Standard entry AAB.
- Minimum entry BBB.
- Higher:
  - Standard entry AAAA or AAABB at S5.
  - Minimum entry AABBB.
  - Adjusted entry from AABB at S5/S6, see page 148 for eligibility.

**International Baccalaureate:**
- Minimum entry 36 points.
- Minimum entry 36 points.

**What to expect**

**Programme structure**
You will study the same courses in the first three years whether you are on the BEng, BSc or MEng degree programme.

**Year 1**
You will take courses in electronics and electrical engineering, mathematics and computing science. You will study foundational analogue and digital electronics, and will design, simulate and test circuits in the laboratory. You will develop computer problem-solving skills applicable in any programming language.

**Years 2 and 3**
You will gain a thorough grounding in the hardware and software aspects of computer systems, including expertise in programming and software engineering using Java, detailed knowledge of operating systems and networking, a solid foundation in databases and experience with electronic design software. This will be combined with a working knowledge of electrical circuit theory, analogue and digital electronic system design and digital communications.

**Years 4 and 5**
You will have a wide choice of technical options in fourth year, choosing half your options in fourth year. You will also gain expertise in professional aspects including economics, project organisation, environmental issues and safety.

**Why choose Glasgow?**
Between years 3 and 4 you will undertake a work placement in industry, either in the UK or overseas.

**What to expect**

**Programme structure**
You will study the same courses in the first three years whether you are on the BEng or MEng degree programme.

**Year 1**
You will have the opportunity to take part in a multidisciplinary integrated system design project, working in teams alongside students of other engineering disciplines. In fifth year you will complete a six-month project, normally abroad, and then take further advanced technical subjects.

Our international links
You will have the opportunity to apply to study abroad. There are currently two options available: the Erasmus+ Programme and the International Exchange Programme.

**Career prospects**
Previous graduates have found employment in a wide range of industries, including software houses, electronics companies and commercial institutions such as banks and insurance companies. Our graduates have found jobs with Agilent, ARM, BMW, Ion Torrents, Thales and Wolcen Microelectronics, among many others.

**Accreditation**
- MEng, BEng: accredited by the Institution of Engineering & Technology.
- BSc: accredited by the British Computer Society.

**Why choose Glasgow?**
Between years 3 and 4 you will undertake a work placement in industry, either in the UK or overseas.
Electronics with Music

Electronics with Music combines musical interests with a thorough study of modern electronics. Graduates of this degree programme are fully qualified electronics and electrical engineers with particular skills in music technology.

What you will need

- Degrees and UCAS codes
  - BEng (H6W3): Four years
  - MEng (H6WJ): Five years

- Entry requirements at a glance
  - Minimum entry AABB.
  - Associated Board Practical and A-level Music or Grade 6 in the Associated Board Practical and Theory exams.
  - You are fully qualified electronics and electrical engineers with particular skills in music technology.

- Programmes structure
  - Year 1
    - You will take courses in mathematics and study engineering fundamentals including computing, analogue and digital electronics and electrical engineering. These courses are supported by individual and group project and laboratory work. The music component includes listening and repertory, plus either general musicianship or performance (subject to audition at the start of the year).
  - Year 2
    - You will study core engineering subjects of computing, analogue and digital electronics, electrical circuits, computer architecture, a design project and mathematics, together with audiovisual composition, studio and recording skills, and one other music option.
  - Year 3
    - You will study further technical and management subjects.
  - Year 4 and 5
    - On the MEng programme your choice of technical options is the same as that of the BEng degree but instead of an extended individual project you will carry out a team project combined with a course in project management.

- What to expect

- Programme structure
  - You will study the same courses in the first three years whether you are on the BEng or MEng degree programme.
  - Year 1
    - You will take courses in mathematics and study engineering fundamentals including computing, analogue and digital electronics and electrical engineering. These courses are supported by individual and group project and laboratory work. The music component includes listening and repertory, plus either general musicianship or performance (subject to audition at the start of the year).
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  - Year 3
    - You will study further technical and management subjects.
  - Year 4 and 5
    - On the MEng programme your choice of technical options is the same as that of the BEng degree but instead of an extended individual project you will carry out a team project combined with a course in project management.

- Why choose Glasgow?

- If you are an accomplished performer, you may be admitted to performance options.
- You may also choose an appropriate European language course.
- In year 5 you will complete a six-month project and then take further technical and management subjects.

- What to expect

- Programme structure
  - As an MEng student you will complete a six-month research and development project in an international company or research lab. If you have chosen to study a European language you may choose a host organisation in Europe.

- Why choose Glasgow?

- If you are an accomplished performer, you may be admitted to performance options.
- You may also choose an appropriate European language course.
- In year 5 you will complete a six-month project and then take further technical and management subjects.

- What to expect

- Programme structure
  - You will study the nature and types of speech behaviour in conversational contexts, the role of persuasive language in society, Old, Middle and Early Modern English language and literature (together with Old Icelandic, literature in translation), lexicology and semantics, an introduction to English historical linguistics, and the theoretical bases of linguistic study.

- Why choose Glasgow?

- You will study the nature and types of speech behaviour in conversational contexts, the role of persuasive language in society, Old, Middle and Early Modern English language and literature (together with Old Icelandic, literature in translation), lexicology and semantics, an introduction to English historical linguistics, and the theoretical bases of linguistic study.

- Why choose Glasgow?

- You will have access to two dedicated laboratories complete with special software for learning about and analysing spoken and written language.

- Our international links
  - We have a well-established exchange programme with opportunities to study for a year at universities including Alcalá, Groningen and Helsinki. Some of our students spend their third year in North America or Australia, though special arrangements apply in these cases. Recent placements have been in Toronto, Auckland and Montreal.
ENGLISH LITERATURE

You will explore all aspects of literature in English, benefiting from our expertise in a wide range of areas, including American, Irish and postcolonial literatures, critical theory, creative writing, and the relationship between literature and other arts, media and science.

What to expect

Year 1
Level-1 courses in English Literature will provide you with the knowledge and critical and creative skills that form the bedrock for the study of English Literature. You will develop skills in independent writing and in analysing and arguing about literature, and gain insights into how speaking and performing texts enhances literary study. Poetry and poetics introduces you to the study of poetry, of what has been written about it, and how it is performed and reproduced. Prescribed texts include anthologies of poetry and literary criticism, one play, and a handbook on studying poetry. The course includes a poetry writing competition and an open mic forum. Novel and narratology addresses the novel form and its cultural effects.

Our International links
Glasgow is partnered with many universities in Europe, the USA and Canada, as well as further afield, in New Zealand, Australia and Malaysia.

Career prospects
A degree in English Literature opens up a wide range of career opportunities, such as teaching, writing, publishing, journalism, research and production in the arts and media sectors and other forms of cultural leadership, the civil service, public relations and cultural policy. There are also opportunities to develop creative writing skills in writing fiction, including a flash fiction competition.

Year 2
In second year you will build on your reading and analytical skills, examining the relationship between literary texts and their historical, cultural and political contexts (Writing and ideology), and their formal features and techniques (Writing and text). You will be reading and writing on novels, short stories, tales, poems, plays, essays and manifestos from the medieval period to the present day.

Why choose Glasgow?
In choosing English Literature at Glasgow, you will be studying at one of the oldest, largest and most dynamic centres for the study of literature in the world.

What you will need

Degrees and UCAS codes
MA (Hons) (Q301): Four years
Joint Honours available; see page 167.
Entry requirements at a glance
A-levels: Standard entry AAB. Minimum entry BBB.
* Advanced entry from A-level at S5/S6, see page 149 for eligibility.
International Baccalaureate: Standard entry 36 points. Minimum entry 34 points.
Entry requirements in full
See page 149 or visit glasgow.ac.uk/ug/entryrequirements for more information and subject-specific requirements.

Applying
Entry to the English Literature programme is normally only available to students who have been specifically admitted on English Literature codes through UCAS. This is due to very high demand for the subject. If you wish to be considered for English Literature you must apply using a UCAS code for English Literature, either as a single subject or as part of a Joint Honours combination.

Years 3 and 4
If you progress to Honours (years 3 and 4) you will have scope for advanced study of the major literary periods, as well as the opportunity to choose from a wide variety of courses in a number of specialist fields, including Irish literature, literary theory, postcolonial literatures, contemporary writing, fantasy and science fiction, poetry and the avant-garde, children’s literature, and many others.

Our International links
Our programme is supported by courses on environmental policy and subject-specific requirements.

Glasgow International College
For international students entry to this programme is supported by courses from GIC. See page 30.

Dumfries campus
For further information about Dumfries, please see page 17.

Environmental Science & Sustainability

Based at our Dumfries Campus, Environmental Science & Sustainability utilises the surrounding countryside to demonstrate environmental work in practice. This is through fieldwork, field classes and visits to environmental sites and organisations.

What you will need

Degrees and UCAS codes
BSc (Hons) (D447): Four years
Entry requirements at a glance
A-levels: Standard entry BBB. Minimum entry CDD.
Highers: Standard entry BBBB by S6. No minimum entry.
Entry requirements in full
See page 162 or visit glasgow.ac.uk/ug/entryrequirements for more information and subject-specific requirements.

Career prospects
You will develop a range of skills in environmental management techniques, preparing you to enter the graduate job market in a wide variety of roles concerned with implementing sustainability objectives. The combination of a broad-based education with specialist input, supplemented with real work experience, will equip you with essential skills and qualities.

Why choose Dumfries?
Fieldwork and practical experience are at the core of this programme, providing you with valuable skills for a career in the environmental sector.

Our Dumfries campus is located close to a range of natural resources, unique fieldwork environments and placement providers: a diverse outdoor laboratory only minutes from the classroom.

98% English Literature students were satisfied overall.
92% Environmental Science & Sustainability students were satisfied overall.

† Data published by Unistats (unistats.direct.gov.uk). January 2017
Data refers to Environmental Stewardship, the previous name of Environmental Science & Sustainability.
‡ Sustainability students
More information about Dumfries can be found on page 17.
**FILM & TELEVISION STUDIES**

This degree programme studies cinema and television as major forces of enjoyment and knowledge within modern culture.

### What you will need
- Degrees and UCAS codes
  - MA (Hons) (P390): Four years
  - Data published by Unistats (unistats.direct.gov.uk). January 2017
  - Adjusted entry from AABB at S5/S6, see page 148

### Entry requirements at a glance
- A-levels: Standard entry AAB at SS. Minimum entry BBB.
- Higher: Standard entry AAAA/AAABB at SS. Minimum entry ABBB.
- International Baccalaureate: Standard entry 36 points. Minimum entry 34 points.

### Entry requirements in full
See page 149 or visit glasgow.ac.uk/ug/entryrequirements for more information and subject-specific requirements.

### Applying
All Film & Television Studies courses are normally only available to students who have been specifically admitted on Film & Television Studies codes through UCAS. If you wish to be considered for Honours Film & Television Studies you must apply using a UCAS code for Film & Television Studies. This is due to high demand for the subject.

### What to expect
- **Programme structure**
  - Years 1 and 2 provide a theoretical, critical and historical grounding. At Honours you will have the opportunity to combine core and optional courses involving more specialist study via these approaches, and to explore the role of practical work in enhancing understanding of both media.
  - Year 1: You will take two courses, which introduce techniques of film and television analysis, offer perspectives on film and television history, and examine the changing structures of cinema and television as industries.
  - Year 2: You will extend this study with more detailed consideration of key theoretical concepts and historical methods, studying film and television alongside one another in two courses:
    - Spectatorship, audiences and identities
    - History, aesthetics and genre
  - You will also study other subjects in years 1 and 2 – see page 32 for details.
  - Years 3 and 4: If you progress to Honours (years 3 and 4) your studies will consist of a combination of compulsory core courses (Film analysis, Television analysis, Media and cultural policy) and specialist options. These will typically include courses devoted to:
    - particular periods and places (eg contemporary television drama, postwar Japanese cinema, Scottish film and television)
    - genres (eg animation, amateur cinema, documentary film and television)

### Why choose Glasgow?
- The city of Glasgow is a major centre for film and television production, and practitioners and policy makers from the creative industries visit the University regularly.

### What you will need
- Degrees and UCAS codes
  - BSc (Hons) (NG3C): Four years

### Entry requirements at a glance
- A-levels: Standard entry AAA at A1AAB. Minimum entry ABB.
- Higher: Standard entry AAABB at SS. Minimum entry ABBB.
  - Data published by Unistats (unistats.direct.gov.uk). January 2017

### Entry requirements in full
See page 149 or visit glasgow.ac.uk/ug/entryrequirements for more information and subject-specific requirements.

### Why choose Glasgow?
- The University has close links with professional bodies and employers, many of whom offer placement opportunities to students. Some professional firms run presentations and drop-in sessions for prospective graduates and also run separate events to give students a chance to interact with their staff.

### What to expect
- **Programme structure**
  - You will take two courses, which introduce techniques of film and television analysis, offer perspectives on film and television history, and examine the changing structures of cinema and television as industries.
  - **Our international links**
    - In your third year you have the opportunity to study abroad for a semester or longer. We have particularly successful links with Queen’s University (Canada), the University of New South Wales (Australia) and the University of Hong Kong.
  - **Career prospects**
    - In your third year you have the opportunity to study abroad for a semester or longer. We have particularly successful links with Queen’s University (Canada), the University of New South Wales (Australia) and the University of Hong Kong.

### Why choose Glasgow?
- The University has close links with professional bodies and employers, many of whom offer placement opportunities to students. Some professional firms run presentations and drop-in sessions for prospective graduates and also run separate events to give students a chance to interact with their staff.

### What you will need
- Degrees and UCAS codes
  - BSc (Hons) (NG3C): Four years

### Entry requirements at a glance
- A-levels: Standard entry AAAA/AAABB at S5. Minimum entry AABB.
  - Data published by Unistats (unistats.direct.gov.uk). January 2017

### Entry requirements in full
See page 149 or visit glasgow.ac.uk/ug/entryrequirements for more information and subject-specific requirements.

### Why choose Glasgow?
- The University has close links with professional bodies and employers, many of whom offer placement opportunities to students. Some professional firms run presentations and drop-in sessions for prospective graduates and also run separate events to give students a chance to interact with their staff.
FINANCE & STATISTICS

Finance is the study of the theory and practice of financial decision-making. Statistics is a scientific discipline that is concerned with the drawing of objective conclusions from investigations where outcomes are subject to uncertainty or variability.

What you will need

- Degrees and UCAS codes
  - BSc (Hons) (GN33): Four years

Entry requirements at a glance

- A-levels:
  - Standard entry AAA or A*AB
  - Minimum entry ABB
- Highers:
  - Standard entry AAAAA at S5. * Minimum entry ABBB.
  - * Adjusted entry from ABBBB at S5/S6, see page 146 for eligibility.
- International Baccalaureate: Standard entry 38 points. Minimum entry 34 points.

Entry requirements in full
See page 149 or visit glasgow.ac.uk/ug/entryrequirements for more information and subject-specific requirements.

What to expect

- Years 1 and 2
  - You will take courses in:
    - Finance
    - Financial accounting
    - Management accounting
    - Economics
    - Statistics
    - Mathematics
- Years 3 and 4
  - If you progress to Honours (years 3 and 4) you will take a range of core and optional courses, including courses in finance and statistics.
  - In fourth year you will also undertake a dissertation supervised within the Adam Smith Business School.

Our international links

- You will have the opportunity to apply to study abroad. There are currently two options available: the Erasmus+ Programme and the International Exchange Programme.

Career prospects

- The financial sector, locally and throughout the UK, actively recruits graduates skilled in all aspects of statistics, and a significant number of our Honours graduates find employment in the commercial sector, in insurance, accounting, finance or banking.

What to expect

- Years 1 and 2
  - You will take courses in:
    - Mathematics
    - Statistics
    - Finance
    - Financial accounting
    - Management accounting
    - Economics
- Years 3 and 4
  - If you progress to Honours (years 3 and 4) you will take a range of core and optional courses, including courses in finance and statistics.
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What you will need

- Degrees and UCAS codes
  - MA (Hons) (R120): Five years

Entry requirements at a glance

- A-levels:
  - Standard entry AAB
  - Minimum entry BBB.
- Highers:
  - Standard entry ABBBB at S5.* Minimum entry ABBB.
  - * Adjusted entry from ABBBB at S5/S6, see page 146 for eligibility.
- International Baccalaureate:
  - Standard entry 36 points.
  - Minimum entry 34 points.

Entry requirements in full
See page 149 or visit glasgow.ac.uk/ug/entryrequirements for more information and subject-specific requirements.

Scholarship opportunities

- Stevenson Exchange Scholarships are available to undergraduate students studying French at Glasgow. For details of all scholarship opportunities see glasgow.ac.uk/scholarships.

What to expect

- Years 1 and 2
  - You will take courses in:
    - Mathematics
    - Statistics
    - Economics
    - Finance
    - Financial accounting
    - Management accounting
    - International business
- Years 3 and 4
  - If you progress to Honours (years 3 and 4) you will take a range of core and optional courses, including courses in finance and statistics.
  - In fourth year you will also undertake a dissertation supervised within the Adam Smith Business School.

Career prospects

- Education: The subject is a requirement for entry to many courses at teacher training colleges, and there is a growing need for teachers in this field.
- Business: Many businesses employ French-speaking staff, especially in the international trade and tourism sectors.
- Law: French is an essential language for many law students.
- Journalism: Many international newspapers publish in French.
- Media: The media is a major industry in France, and there is a growing demand for speakers of French.
- Public administration: The French government employs many people who speak French.
- Tourism: The French-speaking world is a major tourist destination.

What you will need

- Degrees and UCAS codes
  - BSc (Hons) (GN33): Four years

Entry requirements at a glance

- A-levels:
  - Standard entry AAA or A*AB
  - Minimum entry ABB
- Highers:
  - Standard entry AAAAA at S5. * Minimum entry ABBB.
  - * Adjusted entry from ABBBB at S5/S6, see page 146 for eligibility.
- International Baccalaureate: Standard entry 38 points. Minimum entry 34 points.

Entry requirements in full
See page 149 or visit glasgow.ac.uk/ug/entryrequirements for more information and subject-specific requirements.

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What you will need

- Degrees and UCAS codes
  - MA (Hons) (R120): Five years

Entry requirements at a glance

- A-levels:
  - Standard entry AAB
  - Minimum entry BBB.
- Highers:
  - Standard entry ABBBB at S5.* Minimum entry ABBB.
  - * Adjusted entry from ABBBB at S5/S6, see page 146 for eligibility.
- International Baccalaureate:
  - Standard entry 36 points.
  - Minimum entry 34 points.

Entry requirements in full
See page 149 or visit glasgow.ac.uk/ug/entryrequirements for more information and subject-specific requirements.

Scholarship opportunities

- Stevenson Exchange Scholarships are available to undergraduate students studying French at Glasgow. For details of all scholarship opportunities see glasgow.ac.uk/scholarships.

What to expect

- Years 1 and 2
  - You will take courses in:
    - Mathematics
    - Statistics
    - Economics
    - Finance
    - Financial accounting
    - Management accounting
    - International business
- Years 3 and 4
  - If you progress to Honours (years 3 and 4) you will take a range of core and optional courses, including courses in finance and statistics.
  - In fourth year you will also undertake a dissertation supervised within the Adam Smith Business School.

Career prospects

- Education: The subject is a requirement for entry to many courses at teacher training colleges, and there is a growing need for teachers in this field.
- Business: Many businesses employ French-speaking staff, especially in the international trade and tourism sectors.
- Law: French is an essential language for many law students.
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- Media: The media is a major industry in France, and there is a growing demand for speakers of French.
- Public administration: The French government employs many people who speak French.
- Tourism: The French-speaking world is a major tourist destination.

What you will need

- Degrees and UCAS codes
  - BSc (Hons) (GN33): Four years

Entry requirements at a glance

- A-levels:
  - Standard entry AAA or A*AB
  - Minimum entry ABB
- Highers:
  - Standard entry AAAAA at S5. * Minimum entry ABBB.
  - * Adjusted entry from ABBBB at S5/S6, see page 146 for eligibility.
- International Baccalaureate: Standard entry 38 points. Minimum entry 34 points.

Entry requirements in full
See page 149 or visit glasgow.ac.uk/ug/entryrequirements for more information and subject-specific requirements.

Scholarship opportunities

- Stevenson Exchange Scholarships are available to undergraduate students studying French at Glasgow. For details of all scholarship opportunities see glasgow.ac.uk/scholarships.

What to expect

- Years 1 and 2
  - You will take courses in:
    - Mathematics
    - Statistics
    - Economics
    - Finance
    - Financial accounting
    - Management accounting
    - International business
- Years 3 and 4
  - If you progress to Honours (years 3 and 4) you will take a range of core and optional courses, including courses in finance and statistics.
  - In fourth year you will also undertake a dissertation supervised within the Adam Smith Business School.

Career prospects

- Education: The subject is a requirement for entry to many courses at teacher training colleges, and there is a growing need for teachers in this field.
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- Law: French is an essential language for many law students.
- Journalism: Many international newspapers publish in French.
- Media: The media is a major industry in France, and there is a growing demand for speakers of French.
- Public administration: The French government employs many people who speak French.
- Tourism: The French-speaking world is a major tourist destination.

What you will need

- Degrees and UCAS codes
  - MA (Hons) (R120): Five years

Entry requirements at a glance

- A-levels:
  - Standard entry AAB
  - Minimum entry BBB.
- Highers:
  - Standard entry ABBBB at S5.* Minimum entry ABBB.
  - * Adjusted entry from ABBBB at S5/S6, see page 146 for eligibility.
- International Baccalaureate:
  - Standard entry 36 points.
  - Minimum entry 34 points.

Entry requirements in full
See page 149 or visit glasgow.ac.uk/ug/entryrequirements for more information and subject-specific requirements.

Scholarship opportunities

- Stevenson Exchange Scholarships are available to undergraduate students studying French at Glasgow. For details of all scholarship opportunities see glasgow.ac.uk/scholarships.

What to expect

- Years 1 and 2
  - You will take courses in:
    - Mathematics
    - Statistics
    - Economics
    - Finance
    - Financial accounting
    - Management accounting
    - International business
- Years 3 and 4
  - If you progress to Honours (years 3 and 4) you will take a range of core and optional courses, including courses in finance and statistics.
  - In fourth year you will also undertake a dissertation supervised within the Adam Smith Business School.

Career prospects

- Education: The subject is a requirement for entry to many courses at teacher training colleges, and there is a growing need for teachers in this field.
- Business: Many businesses employ French-speaking staff, especially in the international trade and tourism sectors.
- Law: French is an essential language for many law students.
- Journalism: Many international newspapers publish in French.
- Media: The media is a major industry in France, and there is a growing demand for speakers of French.
- Public administration: The French government employs many people who speak French.
- Tourism: The French-speaking world is a major tourist destination.
GAELIC

Explore Scottish Gaelic language and culture through the centuries to the present-day, and develop your Gaelic language skills for the contemporary job market.

What you will need

- Degrees and UCAS codes: MA (Hons) (Q530): Four years
- Entry requirements at a glance:
  - Standard entry AAAB at S5. *
  - Highers: Minimum entry BBB.
  - Notes: No prior knowledge of Scottish Gaelic (or any Celtic language) is required.

What to expect

- Year 1: In year 1 there are three parallel courses, one for students with a good pass in Higher Gaéidhlig, a second for those with a good pass in Higher Gaéidhlig and a third for absolute beginners. You will develop advanced language skills at the same time as acquiring in-depth knowledge and understanding of Scottish Gaelic language, culture, and literature, and those of related languages such as modern Irish.
- Year 2: You will continue to broaden your knowledge of Scottish Gaéidhlig, as well as deepening your language skills. If you progress through the courses for advanced Gaéidhlig in year 1, you will study 19th-century prose writers such as the pioneering Norman Macleod and the humorous Donald Maclean, 17th and 18th-century song (including Iain Lom and Sileas na Ceapaich), and aspects of linguistics including the use of Gaéidhlig in contemporary Scotland.

Genetics

Explore the fundamental mechanisms of life in all living organisms, which in turn help with the diagnosis and treatment of human diseases, crime and forensics, and ecology and conservation.

What you will need

- Degrees and UCAS codes: BSc (Hons) (C400): Four years
  - MSci: Five years
- Entry requirements at a glance:
  - Standard entry AAAB at S5. *
  - Highers: Standard entry AAAA/AAABB at S5. * Minimum entry ABBB.
  - Notes: Adjusted entry from AABB at S5/6, see page 149 for eligibility.

What to expect

- Year 1: If you progress to Honours (years 3 and 4) you will concentrate on modern Scottish Gaéidhlig language and literature, while broadening out to the study of Irish and the development and varieties of the Gaelic languages. This allows you to study aspects of Gaéidhlig language and culture in more depth, mostly through the medium of Gaéidhlig. You will also write a dissertation, researching a relevant topic of your own choosing.

- Year 2: You will also study other subjects in years 1 and 2 – see page 32 for details.

- Career prospects:
  - Recent graduates have taken posts in hospital and industrial laboratories and in agricultural breeding establishments, and have entered teaching, nursing, industrial management and scientific journalism.
  - Why choose Glasgow?:
    - You can study Gaelic folktales, song, modern poetry, autobiography and contemporary fiction all through Gaéidhlig, while the University’s Gaelic initiative and the city’s vibrant Gaelic community also provide opportunities to use Gaéidhlig outside the classroom.
GEOGRAPHY

Geography is the study of the surface of the Earth as the site of human living and working. It considers the variability in physical and human landscapes, along with the interrelationships binding them together.

What you will need

Degrees and UCAS codes
BSc (Hons) (F800): Four years
MA (Hons) (L702): Four years
MA (ScEd) (Hons) (L706): Four years

Entry requirements at a glance
BSc, MA

A-levels:
- Standard entry AAA
- Minimum entry BBB

Highers:
- Standard entry AAAA/AAABB at S5.* Minimum entry ABBB
- * Adjusted entry from AABB at S5/S6, see page 148

International Baccalaureate:
- Standard entry 36 points. Minimum entry 34 points.

MA (ScEd)(i):

A-levels:
- Standard entry AAAB
- Minimum entry BBB

Highers:
- Standard entry AAB at S5.* Minimum entry AABB
- * Adjusted entry from AABB at S5/S6, see page 148

International Baccalaureate:
- Standard entry 36 points. Minimum entry 34 points.

What to expect

Programme structure

Geography can be studied as one of three different degrees in Arts, Science or Social Sciences. The Geography component of each degree is identical; the difference is the additional subjects that can be taken in years 1 and 2.

Year 1

You will explore an equal balance of physical and human geography themes including a world of resources, an underdeveloped world, a world of changing environments, a shrinking world, and a changing biosphere in a changing environment.

Year 2

You will explore human and physical processes, examining environmental problems and their possible resolutions through policy, and you will be trained in statistical methods and laboratory analysis using a mixture of fieldwork and our own IT and physical geography laboratories.

You will also study other subjects in years 1 and 2 – see page 32 for details.

Careers

Our recent Geography graduates have been employed as:
- Coastal and rivers engineer
- Field studies tutor
- Environmental social researcher
- Scottish Government
- Statistician, Scottish Government
- Investment manager
- Supply chain manager, BAE Systems
- Hydrographic surveyor
- Teacher
- Surveyor, Lancashire Valuation Joint Board

Why choose Glasgow?

Our Honours programme is highly flexible and is a combination of core and optional courses. This allows you to tailor your option choices towards a wide range of potential careers.

Special Glasgow feature

If you intend to continue to Honours, you will attend a week-long residential field course in year 2 to extend the field, laboratory, and statistical skills introduced earlier by focusing on group projects, data collection, problem solving, and presentations. This training is developed in year 3 in a week-long overseas field class focusing on dissertation-related project work.

Our international links

You will have the opportunity to apply to study abroad. There are currently two options available: the Erasmus+ Programme and the International Exchange Programme.

Career prospects

Stevenson Exchange Scholarships are available to undergraduate students studying German at Glasgow. For details of all scholarship opportunities, see glasgow.ac.uk/scholarships

Why choose Glasgow?

Our programme is highly flexible and is a combination of core and optional courses. This allows you to tailor your option choices towards a wide range of potential careers.

Entry requirements in full

See pages 149, 156 and 158 for degree specific entry requirements or visit glasgow.ac.uk/ug/entryrequirements for more information and subject-specific requirements.

GERMAN

German involves the study of a key European language and its culture. At Glasgow we provide a wide spectrum of teaching, ranging from the 18th century to contemporary culture.

What you will need

Degrees and UCAS codes

MA (Hons) (R220): Five years

Entry requirements at a glance

A-levels:
- Standard entry AAB

Highers:
- Standard entry AAAA/AAABB at S5.* Minimum entry ABBB
- * Adjusted entry from AABB at S5/S6, see page 148

International Baccalaureate:
- Standard entry 36 points. Minimum entry 34 points.

What to expect

Year 1

The course you study in first year depends on how much German you have studied before. If you have an SQA Higher or A-level in German (grade A or B), you will take the Level-1 non-beginners’ language and culture courses. This will build on your knowledge of German and reinforce your awareness of linguistic structures, both spoken and written. On the cultural side, you will study Germany’s past and present, as mediated through a broad range of cultural documents such as films, literary texts, journalism and the visual arts.

You are a beginner or near-beginner in the language, provided that you have some knowledge of German and reinforce your spoken and written. On the cultural side, you will study Germany’s past and present, as mediated through a broad range of cultural documents such as films, literary texts, journalism and the visual arts.

If you progress to Honours (years 3 and 4) you will study both core and optional courses. Core courses are related to advanced training methods such as computerised data analysis, modelling, geographical information systems, interviewing and interpretative methods. A wide range of optional courses complement the core courses and allow you to build a programme around your particular interests. Some Earth Science optional courses may also be available to Geography students.

Entry requirements in full

See page 149 or visit glasgow.ac.uk/ug/entryrequirements for more information and subject-specific requirements.

Why choose Glasgow?

Our Honours programme is highly flexible and is a combination of core and optional courses. This allows you to tailor your option choices towards a wide range of potential careers.

Why choose Glasgow?

You will combine the study of language and culture in courses that focus on using German in practical and professional contexts, which makes our graduates stand out when applying for jobs.

95% German students in work/study six months after finishing

Data published by HEDIS (published direct.gov.uk). January 2017

glasgow.ac.uk/ug/german
arts-languages@glasgow.ac.uk
GREEK

Greek involves the study of classical Greek language and literature and ancient Greek civilisation.

What you will need

Degrees and UCAS codes
MA (Hons) (D700): Four years
No entry requirements available; see page 166.

Entry requirements at a glance
A-levels: Standard entry AAA. Minimum entry BBB.
IB: 34 points.

* Applied from ABBBB at S5/S6, see page 149 for eligibility.

International Baccalaureate: Standard entry 36 points. Minimum entry 34 points.

Entry requirements in full
See page 149 or visit glasgow.ac.uk/ug/entryrequirements for more information and subject-specific requirements.

Note
You do not require previous knowledge of Greek.

What to expect

Programme structure
You will read (depending on options chosen) Homer and other Greek poets, Athenian tragedies and comedies, orators and historians, and the philosopher Plato. This is a full year practical course based on intensive study of a range of aspects of ancient Greek civilisation, and you will study the following topics:

- Lyric poetry
- Oratory
- Tragedy
- Comedy
- Epic
- Historiography
- Greek social history, philosophy, religion and art.

You will read (depending on options chosen) Homer and other Greek poets, Athenian tragedies and comedies, orators and historians, and the philosopher Plato. This is a full year practical course based on intensive study of a range of aspects of ancient Greek civilisation, and you will study the following topics:

- Lyric poetry
- Oratory
- Tragedy
- Comedy
- Epic
- Historiography
- Greek social history, philosophy, religion and art.

Year 1
You will be provided with a strong foundation of grammar and vocabulary leading to the reading of simple passages of genuine ancient Greek. You will learn to read elementary texts in Greek and to translate Greek into English.

Year 2
You will read work by a variety of authors. You will also continue to develop your translation and reading skills. By the end of the year, you will be able to:

- translate continuous passages of straightforward Greek into English
- translate accurately any prescribed passage from Greek into English, and comment perceptively on the set books
- write well-argued and researched essays

You will also study other subjects in years 1 and 2 – see page 52 for details.

Years 3 and 4
If you progress to Honours (years 3 and 4) you will choose options from a wide range of study and test texts and genres in detail. Courses currently include:

- Historiography
- Epic
- Comedy
- Tragedy
- Oratory
- Lyric poetry

There is also the opportunity within the Honours programme to start or continue the study of Latin.

Our international links
If you progress to Honours you will have the opportunity to spend at least three weeks (usually during the summer vacation after third year) visiting archaeological sites and museums in Greece. Financial support for this visit is available to all Single Honours students.

You may also spend your third year studying at universities in North America, Australia, New Zealand or Europe.

Career prospects
In recent years our graduates have found employment as:

- teachers
- civil servants
- administrators
- librarians
- archivists
- exports in museums and galleries

Why choose Glasgow?
You will have the opportunity to visit archaeological sites and museums in Greece as part of your programme.

What you will need

Degrees and UCAS codes
MA (Hons) (LL34): Four years

Entry requirements at a glance
A-levels: Standard entry BBB. Minimum entry CCC.

International Baccalaureate: Standard entry 30 points. Minimum entry 28 points.

HNC: A pass in a relevant subject with a B in the graded unit is required to be considered for entry into year 1.
HNC second-year entry: A pass in either HNC Social Care or HNC Social Science, with an A in the graded unit, is required to be considered for direct entry to year 2. Success at interview and attendance at a short summer course are also required.

Entry requirements in full
See page 152 or visit glasgow.ac.uk/ug/entryrequirements for more information and subject-specific requirements.

Dumfries campus
This degree is taught at our Dumfries campus.

Why choose Dumfries?
You’ll be given the opportunity to complete a valuable work placement and will benefit from our excellent links with local employers.

What to expect

What you will need

Degrees and UCAS codes
MA (Hons) (LL34): Four years

Entry requirements at a glance
A-levels: Standard entry BBB. Minimum entry CCC.

International Baccalaureate: Standard entry 30 points. Minimum entry 28 points.

HNC: A pass in a relevant subject with a B in the graded unit is required to be considered for entry into year 1.
HNC second-year entry: A pass in either HNC Social Care or HNC Social Science, with an A in the graded unit, is required to be considered for direct entry to year 2. Success at interview and attendance at a short summer course are also required.

Entry requirements in full
See page 152 or visit glasgow.ac.uk/ug/entryrequirements for more information and subject-specific requirements.

Dumfries campus
This degree is taught at our Dumfries campus.

Why choose Dumfries?
You’ll have the opportunity to visit archaeological sites and museums in Greece as part of your programme.
HISTORY

The study of history is the study of change and continuity in human society through time. In this wide-ranging programme you will look at different approaches to studying the past as a way of understanding the present in its political, economic, ideological, social and cultural sense.

What to expect

Programme structure
You will learn different approaches to studying the past as a way of understanding the present in its political, economic, ideological, social and cultural sense.

Year 1
You will take two core courses covering Scottish and Medieval history over a broad time span. Between them, these courses introduce you to the study of history first in a national Scottish and then a broader European context. Forces driving continuity and change in Scottish and European politics, society, economy and culture are assessed over time. You will also have the option of taking a modern European history course.

Year 2
You will study modern social and cultural history and American history. These courses introduce you to new historical skills and approaches and represent a progression from first year. You will also study other subjects in years 1 and 2 – see page 32 for details.

Years 3 and 4
If you progress to Honours (years 3 and 4) you will choose from a large variety of more specialised courses which may include:

• Barbarians in the Mediterranean
• The Norman Conquest 1066–1100
• Print, propaganda and subversion in Europe 1630–1800
• Scottish popular culture
• Intelligence, the state and international relations in the 20th century
• American landscape history
• Middle Eastern cities 1800–1960: imperialism, cosmopolitanism and nationalism

Special Glasgow feature
Our History special subjects in year 4 will allow you to study a topic in depth using original sources. You will also write a dissertation based on your own research.

Our international links
You will have the opportunity to apply to study abroad. There are currently two options available: the Erasmus+ Programme and the International Exchange Programme.

Career prospects
As a History graduate you will be able to enter many different careers, from teaching to the financial services. Our recent History graduates have been employed by

• HarperCollins
• Police Scotland
• Oxfam
• Glasgow Museums
• Morgan Stanley

Why choose Glasgow?
History hosts the Centre for Gender History which works closely with external organisations in the field of women’s and gender issues.
You’ll be able to take courses offered by members of the Scottish Centre for Women Studies which offers expertise in war and conflict from medieval times to the present day.

1 Special Glasgow feature

What you will need

Degrees and UCAS codes
MA (Hons) (V100): Four years
• Joint Honours available; see page 168
Entry requirements at a glance

A-levels: Standard entry AAA or AB minimum.
* Adjusted entry from AB at S5/S6, see page 148 for eligibility.

International Baccalaureate: Standard entry 36 points. 
Minimum entry 34 points.

Entry requirements in full
See page 149 or visit glasgow.ac.uk/ug/entryrequirements for more information and subject-specific requirements.

HISTORY OF ART

History of art seeks to understand how and why paintings, sculptures, buildings and works in a variety of media come to look the way they do.

What to expect

Programme structure
You will prepare a dissertation and study a wide range of special options concentrating on specific periods and artists. There are core courses on methodological aspects of art history, and research skills in art history. You can apply for the opportunity to include a work placement as part of your Honours programme.

Special Glasgow feature
Our History special subjects in year 4 will allow you to study a topic in depth using original sources. You will also write a dissertation based on your own research.

Our international links
You will have the opportunity to apply to study abroad. There are currently two options available: the Erasmus+ Programme and the International Exchange Programme.

Career prospects
As an Art History graduate you will be able to enter many different careers, from teaching to the financial services. Our recent History graduates have been employed by

• Morgan Stanley
• Glasgow Museums
• Oxfam
• Police Scotland
• HarperCollins

Why choose Glasgow?
You will benefit from the extensive collections of the University’s library and the resources of The Hunterian, the University’s museum and art gallery, which feature the world-famous Hunter, Whistler and Mackintosh collections.

Why choose Glasgow?
You will benefit from the extensive collections of the University’s library and the resources of The Hunterian, the University’s museum and art gallery, which feature the world-famous Hunter, Whistler and Mackintosh collections.

1 Data published by Unistats (protable.direct.gov.uk); January 2017
2 Data published by Unistats (protable.direct.gov.uk); January 2017
HUMAN BIOLOGY

Human Biology explores the scientific principles that underlie investigations into the function of the human body from a molecular and cellular level to a whole-body level. It examines the way in which the body works in health, during normal healthy ageing and disease.

What you will need

Degrees and UCAS codes

BSc (Hons) (C1W3): Four years

MSc: Five years

You may apply for transfer to the MSci mid-programme. MSci applications are NOT taken via UCAS.

Entry requirements at a glance

A-levels:

Minimum entry BBB.  
Highers:

Standard entry AAAA at S5/S6, see page 148 for eligibility.

International Baccalaureate:

Adjusted entry from AABB at S5/S6, see page 148 for eligibility.

Entry requirements in full

See page 156 or visit glasgow.ac.uk/ug/entryrequirements for more information and subject-specific requirements.

Glasgow International College

For international students entry to this programme is supported by courses from GIC. See page 30.

What to expect

Year 1

You will be given a general introduction to all aspects of modern biology and encouraged to acquire general scientific skills.

Year 2

In semester 1, you will develop your knowledge of fundamental aspects of biology. In semester 2, you will be introduced to specialist subject areas according to your interests (e.g. animal biology; biomeolecular sciences; human biology; infection biology). You will also study other subjects in years 1 and 2 – see page 32 for details.

Year 3, 4, and 5

Human Biology provides a wide-ranging approach to complement the traditional Anatomy, Neuroscience, Pharmacology and Physiology degree programmes. It integrates the traditional material with newly developed classes which allow students to develop their graduate attributes.

If you progress to Honours (years 3 and 4), you will take courses which allow you to develop a broad understanding of human biology through the study of the anatomy and physiology of body systems, and the assessment of cardiovascular and respiratory function, as well as introductory nutrition. The laboratory component is well supported and students work in small groups in recently refurbished laboratories. One distinctive feature is the use of problem-based learning to supplement the more traditional aspects of the courses and mini projects.

Students who progress to year 4 choose four advanced Honours option courses, as well as an Advanced Study course. Each option course lasts for five weeks and gives the opportunity to study those topics in greater depth. The Advanced Studies component is distinctive from other courses in that it has an underlying theme of using quantitative techniques to analyse scientific, managerial and financial aspects of biological science problems. This involves understanding the profit and loss accounts of biotechnology companies, comprehending and reporting concisely on research directions within a field of enquiry and recommending courses of action stemming from data analysis. All year 4 students undertake an independent research project.

You can take Human Biology as an MSci, which includes an additional placement year between the third and final years of the degree, normally spent doing research in industry in the UK or overseas.

The list of available final-year optional courses is subject to change each year.

Our international links

You will have the opportunity to apply to study abroad. There are currently two options available: the Erasmus+ Programme and the International Exchange Programme.

Career prospects

This is a new programme and there have been no graduates to date. It is anticipated that graduates will be well qualified to seek employment in a broad range of scientific careers in the NHS, in commerce, education and management. 

Why choose Glasgow?

Biological Sciences at Glasgow is ranked second in Scotland (Complete University Guide 2017).

HUMAN BIOLOGY & NUTRITION

Human Biology & Nutrition will equip students with a critical understanding of normal physiology and homeostatic mechanisms and this will be related to both normal and disease-related conditions.

What you will need

Degrees and UCAS codes

BSc (Hons) (C1B4): Four years

Entry requirements at a glance

A-levels:

Standard entry AAB.

Minimum entry BBB.

Highers:

Standard entry AAAA at S5/S6, see page 148 for eligibility.

International Baccalaureate:

Adjusted entry from AAAA at S5/S6, see page 148 for eligibility.

Entry requirements in full

See page 156 or visit glasgow.ac.uk/ug/entryrequirements for more information and subject-specific requirements.

Glasgow International College

For international students entry to this programme is supported by courses from GIC. See page 30.

What to expect

Year 1

You will be given a general introduction to all aspects of modern biology and encouraged to acquire general scientific skills.

Year 2

In semester 1, you will develop your knowledge of fundamental aspects of biology. In semester 2, you will be introduced to specialist subject areas according to your interests (e.g. animal biology; biomolecular sciences; human biology; infection biology). You will also study other subjects in years 1 and 2 – see page 32 for details.

Year 3, 4, and 5


Career prospects

This is a new programme and there have been no graduates to date. It is anticipated that graduates will be well qualified to seek employment in a broad range of scientific careers in the NHS, in commerce, education and management. 

Why choose Glasgow?

Biological Sciences at Glasgow is ranked second in Scotland (Complete University Guide 2017).
IMMUNOLOGY

Immunology is the study of the body’s defence (immune) system and how it protects from, and contributes to, disease.

What you will need

Degrees and UCAS codes
BSc (Hons) (C550): Four years
MSci: Five years
You may apply for transfer to the MSci mid-programme.
MSci applications are NOT taken via UCAS.

Entry requirements at a glance
A-levels: Standard entry AAB. Minimum entry BBB.
Highers: Standard entry AAAA/AAABB at S5. * Minimum entry ABBB.
*Adjust entry AAAA/AAABB at S5/S6, see page 148 for eligibility.

International Baccalaureate:
Standard entry 36 points. Minimum entry 34 points.

Entry requirements in full
See page 156 or visit glasgow.ac.uk/ug/entryrequirements for more information and subject-specific requirements.

Glasgow International College
For international students entry to this programme is supported by courses from GIC. See page 30.

What to expect

Year 1
You will be given a general introduction to all aspects of modern biology and encouraged to acquire general scientific skills.

Year 2
In semester 1, you will develop your knowledge of fundamental aspects of biology. In semester 2, you will be introduced to specialist subject areas according to your interests (e.g. animal biology; biomolecular sciences; human biology; infection biology).
You will also study other subjects in years 1 and 2 – see page 32 for details.

Years 3, 4 and 5
If you progress to Honours (years 3 and 4), you will attend lectures covering the whole field of immunology as well as lectures on molecular biology, statistics and data analysis. A series of practical classes will increase familiarity with many current immunological techniques.
In year 4 you will study key concepts of immunology in greater depth. You will undertake a supervised laboratory research project in our state-of-the-art research labs, and prepare a dissertation, and other written work, based on literature surveys.
The Honours programme is delivered by research-active scientists and clinicians, and provides a full understanding of how the immune system works under both physiological and pathological conditions, covering topics such as infectious disease, vaccination, cancer, rheumatoid arthritis, cardiovascular diseases, neuroinflammation and other autoimmune and inflammatory pathologies.

Immunology can be taken as an MSci, which includes an additional placement year, between the third and final years of the degree. This is normally spent doing full-time research in industry, academia or another approved placement provider in the UK or overseas.
The list of available final-year optional courses is subject to change each year. In addition, places in optional courses may be limited, so students are not guaranteed a place on a particular final-year option.

Our international links
You will have the opportunity to apply to study abroad. There are currently two options available: the Erasmus+ Programme and the International Exchange Programme.

Career prospects
Many graduates will continue to postgraduate Masters or PhD studies, or use their degree as a route into medicine, dentistry or veterinary medicine. Stimulating careers await new graduates, or those with a postgraduate degree, in research in universities and research institutes; in industry, especially pharmaceutical and biotechnology companies; and in clinical research and diagnostic work in hospital laboratories. Our degree can also lead to a career in other fields of science, such as infection biology, and cancer or cardiovascular research. There are also many exciting opportunities in other areas, including teaching, scientific journalism, business, and the civil service. Our Alumni Society, with over 300 members, allows students to seek advice and guidance from Immunology graduates pursuing a diverse array of careers.

Why choose Glasgow?
This is one of the few programmes in the UK which offer an Honours degree focusing solely on immunology for two years (years 3 and 4).

† Data published by Unistats (unistats.direct.gov.uk). January 2017

glasgow.ac.uk/ug/immunology  lifesci-enquiries@glasgow.ac.uk
ITALIAN

Studying Italian opens up the language and culture of a major EU country that has played a key role in Europe’s political and artistic development.

What you will need

Degrees and UCAS codes
MA (Hons) (R310): Five years
Joint Honours available; see page 148
Entry requirements at a glance
A-levels: Standard entry AABB. Minimum entry BBB.
Highers: Standard entry AAAA/AAABB at S5. * Minimum entry ABBB.
* Adjusted entry from AABB at S5/S6, see page 148 for eligibility.
International Baccalaureate: Standard entry 36 points. Minimum entry 34 points.
Entry requirements in full
See page 149 or visit glasgow.ac.uk/ug/entryrequirements for more information and subject-specific requirements.

Scholarship opportunities
Scottish Italian scholarships are available to undergraduate students studying Italian at Glasgow. For details of all scholarship opportunities see glasgow.ac.uk/scholarships

What to expect

Year 1
The course you study in first year depends on how much Italian you have studied before. If you have an SQA Higher or A-level in Italian (grade A or B), you will take non-beginner’s language and culture courses which will build on your knowledge of Italian and reinforce your awareness of linguistic structures, both spoken and written. You will study texts and films that give you an insight into contemporary Italian culture.

If you are a beginner or near-beginner, provided that you have some previous language learning experience, you will take the Level-1 beginners’ course, which will provide an intensive foundation in reading, writing and speaking Italian.

Year 2
The first-year language and culture course leads to Italian 2, which extends and develops your linguistic skills and builds your knowledge of Italian culture, including the study of texts and films. Students progressing from the first-year beginners’ course normally study Italian culture 1 alongside the second-year course. You will also study other subjects in years 1 and 2 – see page 32 for details.

Year 3 (year abroad)
If you progress to Honours it is essential that you spend your third year abroad. Our students usually choose either to work as a language assistant in a school or to enrol at a university. The University has a number of exchange programmes and will provide support and advice to help you plan your year abroad.

Years 4 and 5
When you return from your year abroad, we maintain a balance between language work and other areas of study such as literature, cinema and other areas of culture. You can choose what courses you study from a range of options.

Career prossects
Graduates with qualifications in modern languages and cultures have gone on to pursue rewarding careers in the media, teaching (both at home and abroad), journalism, tourism, translation, interpreting, and the civil service, as well as business, commerce and marketing.

Why choose Glasgow?
Glasgow has a long tradition of teaching in Italian studies, supported by excellent library resources in the subject. You will be taught in small groups, mostly by native speakers of Italian, giving you the opportunity to develop a high level of fluency in written and spoken Italian.

What you will need

Degrees and UCAS codes
MA (Hons) (Q600): Four years
Joint Honours available; see page 148
Entry requirements at a glance
A-levels: Standard entry AABB. Minimum entry BBB.
Highers: Standard entry AAAA/AAABB at S5. * Minimum entry ABBB.
* Adjusted entry from AABB at S5/S6, see page 148 for eligibility.
International Baccalaureate: Standard entry 36 points. Minimum entry 34 points.
Entry requirements in full
See page 149 or visit glasgow.ac.uk/ug/entryrequirements for more information and subject-specific requirements.

What to expect

Year 1
You will be provided with a strong foundation of grammar and vocabulary, leading to the reading of simple passages of genuine Latin. You will learn to read elementary texts in Latin and to translate Latin into English.

Year 2
You will have the opportunity to increase your knowledge of vocabulary and grammar, enabling you to translate passages of literary Latin into English. You will read works by a range of authors, and study literary and social contexts as well as language and style, developing your critical skills, so that you may write well-argued and researched essays.

You will also study other subjects in years 1 and 2 – see page 32 for details.

Years 3 and 4
If you progress to Honours (years 3 and 4) you will choose from a wide range of topics and study texts and genres in detail.

Courses currently include:
• Historiography
• Epic
• Drama
• Satire
• Oratory

There is also the opportunity to start or continue the study of Greek.

Our international links
If you progress to Honours you will have the opportunity to spend at least three weeks (usually during the summer vacation after third year) visiting archaeological sites and museums in Italy. Financial support for this visit is available to all Single Honours students.

You may also spend your third year studying at universities in North America, Australia, New Zealand or Europe.

Career prospects
In recent years our graduates have found employment as:
• teachers
• civil servants
• administrators
• librarians
• archivists
• experts in museums and galleries

Why choose Glasgow?
You will have the opportunity to visit archaeological sites and museums in Italy as part of your programme.

Latin involves the study of the Latin language and literature, and Roman civilisation.
Law

Law is the study of rules and principles of conduct decreed by legislative authority, derived from court decisions and established by local custom.

What will you need

Degrees and UCAS codes

LLB (Hons) (M114): Four years
LLB (Fast Track) (M115): Graduates only

Joint Honours available; see page 169.

Joint Honours options with Law are currently offered in:

- Business Economics (MN11)
- Business Management (MN12)
- Economics (ML11)
- Economic & Social History (MV13)
- English Literature (MQ13)
- Gaelic Language (MQ15)
- History (MV11)
- Philosophy (MV15)
- Politics (MV11)

Students taking a Joint Honours degree can complete all the courses necessary to apply for entry to the next stage of professional training for a career in Scottish law, the Diploma in Professional Legal Practice.

Law with Languages

Law with French Language (M1R1)
Law with German Language (M1R2)
Law with German Legal Studies (M122)
Law with Italian Language (M1R3)
Law with Italian Legal Studies (M1R9)
Law with Portuguese Language (M1R5)
Law with Russian Language (M1R4)
Law with Spanish Language (M1R4)
Law with Spanish Legal Studies (M123)

Common Law (LLB) (M112)

Four years full time
Two years accelerated (graduate entry)
Three years accelerated including
LLM (graduate entry)

This degree is suitable for those seeking a high quality undergraduate degree in Common Law. This degree will allow graduates to move towards a legal career in a common law jurisdiction in countries such as England and Wales, Canada, the United States, India, Australia, New Zealand, and Singapore. The common law curriculum offers intellectual depth and has a range of flexible options reflecting a wide spectrum of interests within the School of Law.

We offer a 4-year programme for undergraduate entry, and an accelerated 2-year programme for graduate entrants. A 3-year programme is also available for graduate entrants by combining the accelerated LLB with a 1-year LLM.

Details on entry requirements and how to apply will be posted on our website.

Entry requirements at a glance

A-levels:
- Standard entry AAA.
- Highers:
  - Standard entry AAAA at SS.*
  - Minimum entry AABB.

* Adjusted entry from ABBC at D5, see page 169 for eligibility.

International Baccalaureate:
- Standard entry 36 points.
- Minimum entry 34 points.

2-year LLB (Fast Track):
- Minimum requirements: 2.1 Honours degree.

We do, however, welcome applicants with a wide range of experience and qualifications and are happy to discuss your individual qualifications prior to an application. Please contact the Admissions Office regarding entry requirements for international students.

Entry requirements in full

See page 152 or visit glasgow.ac.uk/ug/entryrequirements for more information and subject-specific requirements.

Applying to Law

Law National Admissions Test

Applicants to all LLB degrees who do not already hold an undergraduate degree are required to take the Law National Admissions Test (LNAT) by 10th January 2019.

The LNAT is run by a consortium of UK universities and comprises a two-hour on-screen test made up of multiple-choice (80 minutes) and essay (40 minutes) questions. It is designed to assess verbal reasoning skills and command of written English. The test can be taken by applicants at centres throughout the UK and overseas.

Information on how to sit the test, together with practice papers, can be found at www.lnat.ac.uk.

Accreditation

All LLB degrees allow entry to the Diploma in Professional Legal Practice and thereafter to become either a solicitor in Scotland (under the Law Society of Scotland) or to be called to the Scottish Bar (by the Faculty of Advocates).

The LLB degree and the Diploma in Professional Legal Practice are fully accredited by the Law Society of Scotland.

2-year LLB (Fast Track)

The accelerated LLB allows graduates in other disciplines to obtain a degree which will qualify them for entry to the Diploma in Professional Legal Practice and the solicitor branch of the legal profession in two years. The two-year degree is available to all applicants holding a first degree.

What to expect

Programme structure

The Bachelor of Laws (LLB) programme is an exciting intellectual discipline and offers a thorough grounding in the principles of basic areas of the law. The degree can be studied to Ordinary level, requiring three years of full-time study, or to Honours level in four years of full-time study.

Year 1

Initially you will study:
- Constitutional law
- Introduction to legal study
- Obligations (contract, delict and unjustified enrichment)
- Family law

Year 2

In the following year, you will study:
- Jurisprudence
- Law and government
- You have the option to choose up to two subjects to complete the core curriculum to suit your interests. There are a range of optional courses to choose from, covering topics such as:
- Roman law of property and obligations
- International private law
- Labour law
- Forensic medicine
- Public international law

If you intend to enter the Scottish Legal Profession, you must take the following courses during your degree:
- Business organisations
- Criminal law and evidence
- Commercial law
- European Union law
- Property law
- Legal profession and legal ethics

Years 3 and 4

Admission to Honours takes place at the end of the second year. If you progress to Honours (years 3 and 4) you can choose from a wide range of individual courses available each year and you will have the opportunity to specialise in a chosen area of law.

Our international links

We have an extremely successful and popular study abroad programme. Currently 60% of our Honours students take the opportunity to spend all or part of the third year studying law in another country or participate in a summer school or other academic activity abroad. These options are available through our Law with Languages or Legal Studies programmes (see below) or at English-speaking institutions in Europe, North and South America, Australia, New Zealand, China and Singapore. Students may also take part in summer schools or the compulsory law project. In all cases study abroad is integrated into the degree and does not involve an additional year of study.

Law with Languages or Law with Legal Studies

There are many opportunities for you to study law with languages. A language may be studied for three years of the Honours degree (the Law with Languages programme) or throughout the four years of the degree (the Law with Languages programme). Language study is an integral part of these degrees, but may be studied in any order.

You will be able to choose the order of the courses you take, depending on your interests. The courses are tailor-made to suit you, and are designed to increase your fluency and knowledge of the law in a foreign environment while advancing your knowledge of law. Both programmes require you to spend your third year studying Law in another country or participating in a summer school. You will then have the opportunity to complete the LLM (Law with Languages programme). Language study is integrated into the degree and does not involve an additional year of study.

Career prospects

If you intend to become a solicitor or advocate in Scotland you must, in addition to the LLB, complete a one-year postgraduate vocational qualification – the Diploma in Professional Legal Practice. There is then a period of full-time training for two years to become a solicitor, and up to two and a half years to become an advocate.

If you intend to become a solicitor or advocate in England, you can either complete the Common Law LLB, or in addition to the Law LLB, undertake the Legal Practice Course (LPC) and qualify in the English legal system. To qualify in other countries you must pass additional examinations in the appropriate legal system.

The flexibility of the law degree at Glasgow, together with the emphasis on developing the key skills required by employers and the opportunities available to study abroad and to take part in placement opportunities, means that the LLB degree provides a sound general foundation for a range of careers. These include the civil service, local government, journalism, industry and commerce, international institutions, administration, banking, insurance, social work and the police service.

Why choose Glasgow?

You will have the opportunity to participate in one of our many placements - for example, with the Citizens Advice Bureau, a human rights centre, a law centre or the Scottish Parliament.
Marine and freshwater biology is the study of the world’s aquatic environments.

What you will need
Degrees and UCAS codes
- BSc (Hons) (C164): Four years
- MSci: Five years

You may apply for transfer to the MSci mid-programme. MSci applications are NOT taken via UCAS.

Entry requirements at a glance
- A-levels: Standard entry AAAA/AAABB at S5. *
- Highers: Standard entry AAAAA/AAABB at S5. *
- A-levels: Standard entry AAAA/AAABB at S5. *
- International Baccalaureate: Standard entry 36 points. Minimum entry 34 points.

Entry requirements in full
See page 156 for BSc (Hons) and MSci or visit glasgow.ac.uk/ug/marinefreshwaterbiology for more information and subject-specific requirements.

Glasgow International College
For international students entry to this programme is supported by courses from GIC. See page 30.

What to expect
Year 1
You will be given a general introduction to all aspects of modern biology and encouraged to acquire general scientific skills.

Year 2
In semester 2, you will be introduced to specialist subject areas according to your interests (e.g., animal biology, biomolecular sciences, human biology, infection biology). You will also study other subjects in years 1 and 2 – see page 32 for details.

Years 3, 4 and 5
If you progress to Honours (years 3 and 4) you will study a wide range of topics including animal diversity and its classification; ethical aspects of scientific work; evolution and ecology; wildlife conservation; animal behaviour and animal welfare; environmental management (aquatic pollution); and aquatic environments. There are also visits to hatcheries, fish farms and aquaculture projects. Another major component of your final year is an independent research project, which can be carried out in the laboratory, or in the field, at home or abroad.

You can take Marine & Freshwater Biology as an MSc, which includes an additional placement year, between the third and final years of the degree. This is normally spent doing research in industry or some other organisation such as a research institute in the UK or overseas.

The list of available final-year optional courses is subject to change each year. In addition, places in optional courses may be limited, so students are not guaranteed a place on a particular final-year option.

Our international links
You may have the opportunity to undertake an overseas field course. For example, the tropical marine biology course includes an optional field trip to study the coral reefs and mangroves of the Red Sea, Egypt.

Career prospects
Your qualification is an entry point to a wide range of careers that demand the analytical and science-based communications skills developed during this degree programme. Our graduates move into many careers including conservation, environmental management, fisheries and aquaculture. Many choose to continue on to postgraduate study.

Why choose Glasgow?
We have an Exploration Society to help you organise and conduct scientific expeditions to all parts of the world.

What to expect
Year 1
You will take a number of courses covering matrices, linear equations, probability, complex numbers, vectors and calculus.

Year 2
Courses will cover multivariable calculus, linear algebra, topics in applied mathematics, topics in linear algebra and calculus, introduction to real analysis, foundations of pure mathematics, graphs and networks, and enumeration and number theory with applications to cryptography.

You will also study other subjects in years 1 and 2 – see page 32 for details.

Years 3, 4 and 5
If you progress to Honours (years 3 and 4) you will study a wide range of topics. The Mathematics degree programme is for students who are interested in all aspects of mathematics, not just those aspects that have immediate applications. The Applied Mathematics courses allow students with a flair for mathematics who prefer the practical and applicable aspects of the subject to concentrate on these elements. The Pure Mathematics courses are ideal for students who prefer the abstract and logical aspects of the subject.

In fourth year you will have the opportunity to specialise in your area of choice and will undertake a project carried out under the personal supervision of a member of staff. There is also an opportunity to take an MSc degree over five years, which explores mathematics topics in greater depth and includes an individually supervised research project.

Our international links
You will have the opportunity to apply to study abroad. There are currently two options available: the Erasmus + Programme and the International Exchange Programme.

Career prospects
Many of our graduates go on to careers in the financial services sector or computing, or undertake postgraduate study. Others are employed in industry, using the modelling and problem-solving skills gained on the programme. Our recent graduates have been employed by:

- PricewaterhouseCoopers
- Grant Thornton
- Alexander Sloan
- Cigna
- Deloitte
- Royal Bank of Scotland
- Credit Suisse

Why choose Glasgow?
Our ambassador scheme gives students the chance to spend time in schools, experiencing teaching at first hand and developing vital workplace skills.
MECHANICAL DESIGN ENGINEERING

This degree programme is firmly rooted in the mainstream mechanical engineering discipline but places greater emphasis on the interplay between design and manufacturing, which is explored through individual and group projects.

What you will need

- Degrees and UCAS codes
  - BEng (H307): Four years
  - MEng (H307): Five years

- Entry requirements at a glance
  - BEng: Standard entry AAB. Minimum entry BBB.
  - MEng: A-levels: Standard entry AAA.

- Highers: Standard entry AAA or AABBB at S5. Minimum entry AABBB.

- International Baccalaureate: Standard entry 36 points. Minimum entry 34 points.

- A-levels: Standard entry AAA.

- Highers: Standard entry AAAAA at S5.

- International Baccalaureate: Standard entry 38 points. Minimum entry 37 points.

- Entry requirements in full

See page 101 or visit glasgow.ac.uk/ug/entryrequirements for more information and subject-specific requirements.

What to expect

- Programme structure
  - You will study the same courses in the first three years whether you are on the BEng or MEng degree programme.

- Year 1
  - In your first year, you will take a wide-ranging curriculum which includes courses in mechanical design and manufacturing, mathematics, dynamics, electronics, materials, statics, thermodynamics and engineering skills. These courses are supported by individual and group project work and laboratory work. This interdisciplinary approach, favoured by industry, also makes it easy to switch to another engineering discipline at the end of year 1 should you wish to do so.

- Year 2
  - You will study further basic engineering subjects including applicable mathematics, applied mechanics, fluid mechanics, microeconomics, engineering computing, materials, power electronics, thermodynamics, and design and manufacture.

- Year 3
  - You will study more advanced engineering subjects such as engineering design, dynamics and control, mechanics of solids, heat transfer, design and manufacture, materials and manufacture, mathematical modelling and simulation, and mechanics of materials and structures.

- Years 4 and 5
  - In year 4 of the BEng programme, students undertake an individual design project and a group design project. A range of subjects are offered, including robotics, advanced materials, vibration, microelectronics, mechanics of solids and thermal engineering. Year 4 MEng students undertake further design projects including a multidisciplinary project.

Why choose Glasgow?

You will complete an extensive design project, which will allow you to integrate the various design skills and understand the business and social context within which design takes place.

What you will need

- Degrees and UCAS codes
  - BEng (H300): Four years
  - MEng (H300): Five years

- Entry requirements at a glance
  - BEng: Standard entry AAB. Minimum entry BBB.
  - MEng: A-levels: Standard entry AAA.

- Highers: Standard entry AAAA or AAABB at S5.* Minimum entry AABBB.

- International Baccalaureate: Standard entry 36 points. Minimum entry 34 points.

- A-levels: Standard entry AAA.

- Highers: Standard entry AAAAA at S5.

- International Baccalaureate: Standard entry 38 points. Minimum entry 37 points.

- Entry requirements in full

See page 101 or visit glasgow.ac.uk/ug/entryrequirements for more information and subject-specific requirements.

- Accreditation

Our BEng and MEng degrees are accredited by the Institution of Mechanical Engineers and the Institution of Engineering Designers.

Glasgow International College

For international students entering this programme in supported by courses from GIC. See page 30.

MECHANICAL ENGINEERING

This degree programme provides a thorough grounding in mechanical engineering principles and their applications, together with the skills needed to solve real mechanical engineering problems.

Why choose Glasgow?

You will benefit from our strong links with industry, with practising engineers contributing to lectures and providing employment opportunities.

What you will need

- Degrees and UCAS codes
  - BEng (H307): Four years
  - MEng (H307): Five years

- Entry requirements at a glance
  - BEng: Standard entry AAB. Minimum entry BBB.
  - MEng: A-levels: Standard entry AAA.

- Highers: Standard entry AAAA or AAABB at S5.* Minimum entry AABBB.

- International Baccalaureate: Standard entry 36 points. Minimum entry 34 points.

- A-levels: Standard entry AAA.

- Highers: Standard entry AAAAA at S5.

- International Baccalaureate: Standard entry 38 points. Minimum entry 37 points.

- Entry requirements in full

See page 101 or visit glasgow.ac.uk/ug/entryrequirements for more information and subject-specific requirements.

- Accreditation

Our BEng and MEng degrees are accredited by the Institution of Mechanical Engineers.

Glasgow International College

For international students entering this programme is supported by courses from GIC. See page 30.
MECHANICAL ENGINEERING WITH AERONAUTICS

This degree programme bridges the divide between aeronautics and mechanical engineering and thus provides its graduates with the crossdisciplinary background needed to flourish in one of the most challenging engineering fields.

What you will need

- Degrees and UCAS codes
  - BEng (H3H4): Four years
  - MEng (H3HK): Five years

Entry requirements at a glance

- BEng students who perform well may transfer to the MEng programme on completion of years 1, 2 and 3.
- **BEng**
  - A-levels: Standard entry AAA.
  - Highers: Standard entry AAAA or AAABB at S5.
- **MEng**
  - A-levels: Standard entry AAA.

International Baccalaureate:

- Standard entry 36 points.
- Minimum entry 34 points.
- **BEng**
  - A-levels: Standard entry AAA.
  - Highers: Standard entry AAAAA at S5.
- **MEng**
  - A-levels: Standard entry AAA.

Minimum entry AABB.

Entry requirements in full

See page 101 or visit glasgow.ac.uk/ug/entryrequirements for more information and subject-specific requirements.

Glasgow International College

For international students entry to this programme is supported by courses from GIC. See page 30.

What to expect

- Programme structure
  - In your first year, you will take a wide-ranging curriculum which includes courses in aeronautics, mathematics, dynamics, electronics, materials, statics, thermodynamics and engineering skills. These courses are supported by individual and group project work and laboratory work. This interdisciplinary approach, favoured by industry, also makes it easy to switch to another engineering discipline at the end of year 1 should you wish to do so.
  - In year 5 the MEng programme an aerospace-focused individual project forms a major component of the programme, and in addition there are options from advanced engineering subjects.

- Partnership and industry links
  - You will benefit from the close ties with industry developed by staff involved in the programme, with industrial case studies focused on the aerospace industries.

- Our international links
  - You can apply to spend one year of your academic studies abroad at an accredited partner university. In year 5 MEng students can work on their project at overseas universities.

- Career prospects
  - The degree aims to allow students who wish to pursue a professional engineering career in mechanical engineering but who have a particular interest in aeronautical and aerospace engineering to keep their career options open. Graduates will have all the engineering and transferrable skills of mechanical engineers with a strong additional specialty in aeronautics. Mechanical engineering graduates are well supported in aerospace industries and this degree provides enhanced employment opportunities in this sector.

- Accreditation
  - These degrees are accredited by the Institution of Mechanical Engineers and the Royal Aeronautical Society.

Why choose Glasgow?

- You will benefit from our strong links with the aerospace industries, MEng students take part in a flight-testing course in a jetstream aircraft.
- Year 4 MEng students also undertake a multi-disciplinary group project.

What to expect

- Programme structure
  - In your first year, you will take a wide-ranging curriculum which includes courses in aeronautical engineering, mathematics, dynamics, digital and analogue electronics, materials, statics, thermodynamics and engineering skills. These courses are supported by individual and group project work and laboratory work. This interdisciplinary approach, favoured by industry, also makes it easy to switch to another engineering discipline at the end of year 1 should you wish to do so.

- Career prospects
  - The degree aims to allow students who wish to pursue a professional engineering career in mechanical engineering but who have a particular interest in aeronautical and aerospace engineering to keep their career options open. Graduates will have all the engineering and transferrable skills of mechanical engineers with a strong additional specialty in aeronautics. Mechanical engineering graduates are well supported in aerospace industries and this degree provides enhanced employment opportunities in this sector.

Accreditation

These degrees are accredited by the Institution of Mechanical Engineers and the Royal Aeronautical Society.

Why choose Glasgow?

- You will benefit from our strong links with the aerospace industries, MEng students take part in a flight-testing course in a jetstream aircraft.
- Year 4 MEng students also undertake a multi-disciplinary group project.

What you will need

- Degrees and UCAS codes
  - BEng (H730): Four years
  - MEng (H731): Five years

Entry requirements at a glance

- **BEng**
  - A-levels: Standard entry AAA.
  - Highers: Standard entry AAAAA at S5.
  - Minimum entry AABB.
  - **MEng**
  - A-levels: Standard entry AAA.
  - Highers: Standard entry AAAAA at S5.

Minimum entry AABB.

Entry requirements in full

See page 101 or visit glasgow.ac.uk/ug/entryrequirements for more information and subject-specific requirements.

Glasgow International College

For international students entry to this programme is supported by courses from GIC. See page 30.

MECHATRONICS

Mechatronics is a fusion of mechanical, electrical and control engineering. In order to compete successfully in a global market, modern manufacturing companies must have the ability to integrate electronics, control, software and mechanical engineering into a range of innovative products and systems. Graduates of this programme will have this interdisciplinary knowledge, skill and approach to engineering.

What to expect

- Programme structure
  - You will study the same courses in the first three years whether you are on the BEng or MEng degree programme.

- Career prospects
  - You will continue to study mathematics and fundamental engineering courses linking the mechanical and electrical domains which form the basis for the study of mechatronics.

- Accreditation
  - Our BEng and MEng degrees are accredited by the Institution of Mechanical Engineers.

Why choose Glasgow?

- Many engineering employers offer well-paid summer placements and, in some cases, sponsorship.
What to expect

Programme structure

Our innovative and forward-thinking curriculum is delivered through a range of teaching styles which include small group learning, problem-based learning, lectures, Vocational and Clinical Studies, labs and e-learning. You will gain experience of a clinical environment from year 1. The MBChB follows a “spiral curriculum” where subject material is revisited at different stages of the curriculum with increasing depth and clinical focus.

You will undertake two periods of elective study, and can select from over 20 intercalated degree options, allowing flexibility to study areas of personal interest in more depth. Our award-winning Wutton Medical School Building offers you 24-hour access to library facilities, and a first-class clinical skills suite.

We have strong links with the Postgraduate Deanery, ensuring a smooth transition from undergraduate study to postgraduate training, and produce highly trained, competent graduates who are equipped for the Foundation Training programme, for higher training, and the challenges of medicine in the 21st century.

Phase 1

Phase 1 occupies the first half of year 1. It is an integrated course using multiple educational sciences, providing you with the knowledge required to engage in the rest of the undergraduate programme to work effectively. You will undertake sessions in Vocational and Professional Studies, have your first Clinical Skills sessions and undertake a clinical visit to an A&E ward or General Practice.

Phase 2

Phase 2 occupies the second part of year 1 and the whole of year 2. It is a system-by-system programme that covers the anatomy, physiology, pharmacology, biochemistry (and related biomedical sciences) of the major clinical systems. It also includes sessions of Vocational and Professional Studies, Communication Skills and Clinical Skills.

Phase 3

Phase 3 occupies the first half of year 3 and is a system-by-system cycle through clinical systems with the focus on pathophysiology, building on knowledge acquired in Phases 1 & 2. There are major contributions from pathology, microbiology, haematology, clinical biochemistry and clinical pharmacology, and the small group teaching is focused on clinical cases, using case-based learning (CBL), with a clinical tutor.

You will also have one day per week in hospital or general practice. You will also receive clinical procedural skills teaching.

Phase 4

Phase 4 occupies the second half of year 3, all of year 4 and the first half of year 5. It is based in hospitals and in general practice, with dedicated academic days. Teaching is structured around 5-10 week clinical attachments, and you will rotate through all general medicine and surgery.

The obstetrics and gynaecology, child health, general practice, psychiatry, and a variety of hospital sub-specialties.

Preparation for Practice

Preparation for Practice follows the final examinations and involves shadowing foundation-year doctors in hospital, usually attached to the hospital units in which you will work. A lecture programme is also included in this attachment. Successful completion of Preparation for Practice is a prerequisite to graduation.

Vocational & Professional Studies

You will have early contact with patients through hospital visits, clinical training and Communication Skills, starting in year 1.

Clinical Skills

The MBChB at Glasgow begins Clinical Skills training in year 1. The early years focus on clinical assessment, including normal clinical history and examination and clinical procedural skills, with the focus in the later years being on pathological findings and diagnosis.

Student-selected components

You will be able to choose up to two components from student-selected components (SSCs) that allow you to personalise your learning experience. SSCs are five-week-long blocks selected by students from a range of available options and are undertaken in years 3, 4 or the curriculum. Projects cover topics from the core curriculum as well as topics outside medicine including humanities and languages. Self-proposed SSCs can be carried out in hospitals or research laboratories in the UK or overseas.

Electives

The MBChB at Glasgow is unusual in having two electives, each for four weeks, during the vacations at the end of years 3 and 4. Electives are experiential in nature, obtaining personal, professional and clinical experiences in any recognised clinical specialty, including general practice and public health. Well-planned research electives are also possible. Over 50% of electives are taken in the UK, especially at the end of year 3, but many are also taken overseas.

What you will need

Degrees and UCAS codes

MBChB (A100): Five years

Entry requirements at a glance

UK entry requirements stated are the minimum entry requirements for applications. Qualifications should be obtained within seven years of the entry date.

A-levels:
Standard entry AAA
Higher:
Standard entry AAA or AAAABB by A-levels:

Minimum entry requirements for UK entry requirements stated are the minimum entry requirements for UK entry requirements.

Applying for Medicine

We welcome all applications, providing they meet minimum entry requirements and meet the 19 October deadline. Please check at glasgow.ac.uk/ug/enrollment/entry_requirements if you are unsure. Unfortunately we are unable to consider late applications, given the number of applications we receive. If applying for Medicine (A100), please limit your choice to four medical schools only as UCAS will not forward your application to institutions if more than four medical schools have been selected. Further information on MBChB admissions can be found in our MBChB Admissions Guide and on our UCAS admissions web pages, which can be found at glasgow.ac.uk/ug/schools/medicine/medications/mbchb/admissions/mbchb/admissionsguide

Selection process

As multiple elements are considered within the selection process, the process runs from October until March, with the majority of offers being made in February. Once we receive your application, all aspects are considered carefully, with the focus on academic qualifications obtained and predicted, personal statement and reference. Later in the cycle, the UCAT scores are made available to the admissions team and are used for allocation of interviews for those that meet all requirements. Work experience in a hospital or general practice is not required, but we do expect candidates to have explored the realities of a career in medicine.

You may be invited to attend an interview. Candidates receiving offers are those who not only achieve the academic standards required but also who show they have seriously considered the implications of a medical career and who display the characteristics desirable in a future doctor, as well as demonstrating a commitment, motivation and enthusiasm for a medical career. Given the number of applications we receive which meet minimum entry requirements, we are unfortunately not able to interview all candidates.

As a guide, we normally interview approximately 750 applicants. The interview format and guidance is available on our webpages. Once the interview process is complete, interview scores are accumulated and all applications are checked before offers are made. This stage runs until the end of March, with all offers being conditional (including submission of qualifications, documentation and police records check).

A number of applicants who narrowly miss an offer may be contacted to advise that, should places become available, they will be reviewed providing they wish to be reconsidered.

Applicants who are not made an offer will receive feedback on the primary area of their application where they were unsuccessful. Providing entry requirements are met, we welcome reapplications to undergraduate Medicine at Glasgow. Please check our webpages before applying, or come and meet us at one of our open days.

Why choose Glasgow?

You will attend teaching and gain clinical experience in a variety of clinical specialties throughout the West of Scotland, including the Queen Elizabeth University Hospital. This is among Europe’s largest acute hospitals, and includes a purpose-built learning and teaching facility, teaching laboratories and a state-of-the-art clinical skills suite.

Medicine at Glasgow is ranked 1st in Scotland in The Times and Sunday Times Good University Guide 2017.

Accreditation

At the end of the undergraduate programme you will receive your MBChB degree, which is a primary medical qualification (PMQ). Holding a PMQ entitles you to provisional registration with the General Medical Council, subject only to its acceptance that there are no Fitness to Practice concerns that need consideration. Provisionally registered doctors can only practise in approved Foundation Year 1 posts; the law does not allow provisionally registered doctors to undertake any other type of work.
Molecular and cellular biology combines genetics and biochemistry to understand life at the molecular level and aims to explain how molecular function produces the hierarchy of living cells, tissues and ultimately whole organisms.

What you will need

**Degrees and UCAS codes**
- BSc (Hons) (C500): Four years
- MSci: Five years

Minimum entry: BBB.

* Adjusted entry from AABB at S5/S6, see page 148 for eligibility.

**Entry requirements at a glance**
- A-levels: Standard entry AAAA/AAABB at S5.
- International Baccalaureate: Standard entry 36 points.

**Entry requirements in full**
See page 156 or visit lifesci.enquiries@glasgow.ac.uk for more information and subject-specific requirements.

**Glasgow International College**
For international students entry to this programme is supported by courses from GIC. See page 30.

What to expect

**Year 1**
You will be given a general introduction to all aspects of modern biology and encouraged to acquire general scientific skills.

**Year 2**
In semester 1, you will develop your knowledge of fundamental aspects of biology. In semester 2, you will be introduced to specialist subject areas according to your interests (e.g. animal biology; biomolecular sciences; human biology; infection biology).

You will also study other subjects in years 1 and 2 – see page 32 for details.

**Years 3, 4 and 5**
If you progress to Honours (years 3 and 4) you will learn about many aspects of microbiology with particular emphasis on prevention, treatment and pathogenicity of infectious diseases. You will study the spectrum of infection by bacteria, parasites and viruses. This includes the study of the molecular basis of infection and immunity. Year 3 is run as a joint course with the Parasitology and Virology degree programmes. In year 4 you will choose from a range of specialised advanced courses. You will also undertake a research project under the supervision of a researcher either within the University or in a neighbouring institution (such as a hospital), or local company.

Microbiology can be taken as an MSci, which includes an additional placement year between year 3 and the final year of the degree. This is normally spent doing research in industry or some other organisation, such as a research institute, in the UK or overseas, and often attracts a modest salary.

Why choose Glasgow?
You’ll receive practical training in aspects of epidemiology at the Marine Biology Station at Millport in the Firth of Clyde.
MOLECULAR & CELLULAR BIOLOGY WITH BIOTECHNOLOGY

Biology seeks to optimise the utilisation of microorganisms, animals, plants and their cellular components in industrial, medical and agricultural processes and in environmental management.

What you will need

- Degrees and UCAS codes
  - BSc (Hons) (C110): Four years
  - MSci: Five years
  - You may apply for transfer to the MSci mid-programme.
  - MSci applications are NOT taken via UCAS.
- Entry requirements at a glance
  - A-levels: Standard entry AAAA/AAABB at S5. * Adjusted entry from AABB at S5/S6, see page 148 for eligibility.
  - International Baccalaureate:
    - Standard entry 36 points.
    - Minimum entry 34 points.
- Entry requirements in full
  - See page 156 or visit glasgow.ac.uk/ug/entryrequirements for more information and subject-specific requirements.
- Glasgow International College
  - For international students entry to this programme is supported by courses from GIC. See page 30.

What to expect

Year 1
- You will be given a general introduction to all aspects of modern biology and encouraged to acquire general scientific skills.
- You will also study other subjects in years 1 and 2 – see page 32 for details.

Year 2
- In semester 1, you will develop your knowledge of fundamental aspects of biology. In semester 2, you will be introduced to specialist subject areas according to your interests (e.g. animal biology; biomolecular sciences; human biology; infection biology).
- You will study a broad spectrum of topics in your third year to learn the key sciences that underpin biotechnology: molecular genetic methods, genomics, proteins, membranes and filaments, DNA structure and function, gene expression, mobile DNA, biotechnology, essential cell biology, and experimental strategies.

Why choose Glasgow?
- You will gain hands-on experience of modern laboratory techniques.

The list of available final-year optional courses is subject to change each year. In addition, places in optional courses may be limited so students are not guaranteed a place on a particular final-year option.

Molecular & Cellular Biology students were satisfied overall 7

Molecular & Cellular Biology WITH PLANT SCIENCE

Plant science combines a broad range of approaches to understand how plants function in the natural world.

What you will need

- Degrees and UCAS codes
  - BSc (Hons) (C200): Four years
  - MSci: Five years
  - You may apply for transfer to the MSci mid-programme.
  - MSci applications are NOT taken via UCAS.
- Entry requirements at a glance
  - A-levels: Standard entry AAB. Minimum entry BBB.
  - Highers:
    - Standard entry AAAA/AAABB at S5. * Minimum entry ABBB.
- Entry requirements in full
  - See page 156 or visit glasgow.ac.uk/ug/entryrequirements for more information and subject-specific requirements.
- Glasgow International College
  - For international students entry to this programme is supported by courses from GIC. See page 30.

Why choose Glasgow?
- You will gain hands-on experience of modern laboratory techniques.

Our international links
- You will have the opportunity to study abroad. There are currently two options available: the Erasmus+ Programme and the International Exchange Programme.
- Our career prospects
- Graduates with ecological interests are increasingly being employed to monitor the environmental aspects of such industries and in conservation work. Other areas of employment include the Scientific Civil Service, government research laboratories and teaching.

Molecular & Cellular Biology students were satisfied overall 7

Our international links
- You will have the opportunity to study abroad. There are currently two options available: the Erasmus+ Programme and the International Exchange Programme.
- Career prospects
- Our graduates move into a wide variety of careers or to advanced study either in the UK or abroad. There are increasing opportunities in the agrochemical, pharmaceutical and fermentation industries, particularly for those graduates with interests in plant molecular biology and biotechnology.
- Graduates with ecological interests are increasingly being employed to monitor the environmental aspects of such industries and in conservation work. Other areas of employment include the Scientific Civil Service, government research laboratories and teaching.

Why choose Glasgow?
- You will gain hands-on experience of modern laboratory techniques.

Data published by Unistats (unistats.direct.gov.uk). January 2017

7 Data published by Unistats (unistats.direct.gov.uk). January 2017

glasgow.ac.uk/ug/biotechnology
lifesci-enquiries@glasgow.ac.uk

glasgow.ac.uk/ug/plantscience
lifesci-enquiries@glasgow.ac.uk
MUSIC (BMus)

The BMus is a single-subject degree for those who are interested in pursuing a career in music. It provides a strong grounding in core disciplines and allows you to pursue your specialist interests in third and fourth years.

What you will need

- Degrees and UCAS codes
  - BMus (W302): Four years

Entry requirements at a glance

- A-levels:
  - Standard entry ABB including Music
  - Minimum entry BBB including Music
- Higers:
  - Standard entry AAAB including Music at S5.* No minimum entry.
  - * Adjusted entry from ABRSM at ABB at S4/5, see page 148 for eligibility

International Baccalaureate:

- Standard entry 34 points. Minimum entry 32 points.

Entry requirements in full

See page 154 or visit glasgow.ac.uk/ug/entryrequirements for more information and subject-specific requirements.

Interview and audition

Admission to the BMus is subject to an audition and interview in addition to meeting qualification requirements. In order to be called for an interview, students must demonstrate a playing ability of ABRSM Grade 8 Merit. Applicants are encouraged to give a full and specific account of their musical interests in their UCAS personal statements and be prepared to discuss these at the interview. For audition, applicants are requested to prepare two short pieces to a total duration of approximately 10 minutes. At least one of these should be from the Western classical repertoire.

See glasgow.ac.uk/ug/music/bmus for more details.

What to expect

Year 1

You will take courses in:
- musicianship
- performance
- listening and repertory
- orchestration
- musical techniques

You will also take one course from topics such as:
- aesthetics and philosophy of music
- opera
- jazz and blues
- romantic song
- J S Bach

Year 2

You will take courses in:
- musical techniques
- composition

You will also choose to study other topics such as:
- sonic arts
- aesthetics and philosophy of music
- musical culture in the long 19th century
- jazz and blues
- romantic song
- J S Bach
- performance

Years 3 and 4

In the later part of your degree your studies become more specialised. You can take your composition further or concentrate on performance or pursue the creative use of music technology through sonic arts. If music history and culture is of more interest to you there are courses in 20th-century music, film music, performance practice, and the music of Scotland. You can also take the dissertation option, which allows you to pursue a research topic of your choice.

Our international links

You can spend up to a year of your degree studying abroad, normally in the third year. Previous students have chosen to study at the University of Miami, University of British Columbia, University of Illinois, Radford University, University of Melbourne and the University of California LA.

Career prospects

The BMus degree provides a sound foundation for careers in music administration, journalism, publishing, performance, composition, librarianship, research and teaching. It also provides strong transferrable skills applicable to a wide range of careers outside music.

Why choose Glasgow?

- You will be given a bursary towards vocal tuition.
- You will be given one-to-one supervision.
- You will be able to write a dissertation. This is an extended piece of research and writing on a topic of your own choice and for which you will receive one-to-one supervision.

Why you will need

- Degrees and UCAS codes
  - MA Music (W300): Four years

Entry requirements at a glance

- A-levels:
  - Standard entry AAB
  - Minimum entry BBB
- Higers:
  - Standard entry AAAB at S5.* Minimum entry ABBB.
  - * Adjusted entry from ABRSM at ABB at S4/5, see page 148 for eligibility

International Baccalaureate:

- Standard entry 36 points. Minimum entry 34 points.

Entry requirements in full

See page 149 or visit glasgow.ac.uk/ug/entryrequirements for more information and subject-specific requirements.

Interview and audition

There is no audition for entry to the Music MA programme. However, applicants are expected to hold requisite music theory experience, to a level of Grade 5 ABRSM, as a minimum preparation for success on the programme. Students admitted to the MA but without Music at A-level or Higher (or equivalent) may be admitted to Music on an individual basis following an interview with their Adviser of Studies.

Our international links

You can spend up to a year of your degree studying abroad, normally in the third year. Previous students have chosen to study at the University of Miami, University of British Columbia, University of Illinois, Radford University, University of Melbourne and University of California LA.

Career prospects

Music degrees provide a sound foundation for careers in arts and music administration, journalism, publishing, teaching, librarianship and cultural entrepreneurship, as well as for careers in performance, composition or research. They also provide strong transferrable skills applicable to a wide range of careers outside music.

Why choose Glasgow?

- In each year you are given a range of options from which to choose, allowing you to design your own degree to cater to your own particular interests and strengths.

Why you will need

- Degrees and UCAS codes
  - MA in Music (W300): Four years

Entry requirements at a glance

- A-levels:
  - Standard entry AAB
  - Minimum entry BBB
  - * Adjusted entry from ABRSM at ABB at S4/5, see page 148 for eligibility

International Baccalaureate:

- Standard entry 36 points. Minimum entry 34 points.

Entry requirements in full

See page 149 or visit glasgow.ac.uk/ug/entryrequirements for more information and subject-specific requirements.

Interview and audition

There is no audition for entry to the Music MA programme. However, applicants are expected to hold requisite music theory experience, to a level of Grade 5 ABRSM. As an alternative, music MA students in

- Students admitted to the MA but without Music at A-level or Higher (or equivalent) may be admitted to Music on an individual basis following an interview with their Adviser of Studies.

Our international links

You can spend up to a year of your degree studying abroad, normally in the third year. Previous students have chosen to study at the University of Miami, University of British Columbia, University of Illinois, Radford University, University of Melbourne and University of California LA.

Career prospects

Music degrees provide a sound foundation for careers in arts and music administration, journalism, publishing, teaching, librarianship and cultural entrepreneurship, as well as for careers in performance, composition or research. They also provide strong transferrable skills applicable to a wide range of careers outside music.

Why choose Glasgow?

- In each year you are given a range of options from which to choose, allowing you to design your own degree to cater to your own particular interests and strengths.

Why you will need

- Degrees and UCAS codes
  - MA Music (W300): Four years

Entry requirements at a glance

- A-levels:
  - Standard entry AAB
  - Minimum entry BBB
  - * Adjusted entry from ABRSM at ABB at S4/5, see page 148 for eligibility

International Baccalaureate:

- Standard entry 36 points. Minimum entry 34 points.

Entry requirements in full

See page 149 or visit glasgow.ac.uk/ug/entryrequirements for more information and subject-specific requirements.

Interview and audition

There is no audition for entry to the Music MA programme. However, applicants are expected to hold requisite music theory experience, to a level of Grade 5 ABRSM. As an alternative, music MA students in

- Students admitted to the MA but without Music at A-level or Higher (or equivalent) may be admitted to Music on an individual basis following an interview with their Adviser of Studies.

Our international links

You can spend up to a year of your degree studying abroad, normally in the third year. Previous students have chosen to study at the University of Miami, University of British Columbia, University of Illinois, Radford University, University of Melbourne and University of California LA.

Career prospects

Music degrees provide a sound foundation for careers in arts and music administration, journalism, publishing, teaching, librarianship and cultural entrepreneurship, as well as for careers in performance, composition or research. They also provide strong transferrable skills applicable to a wide range of careers outside music.

Why choose Glasgow?

- In each year you are given a range of options from which to choose, allowing you to design your own degree to cater to your own particular interests and strengths.
Life Sciences

NEUROSCIENCE

Neuroscience is the study of the brain and the rest of the nervous system in humans and other animals.

95% Neuroscience students were satisfied overall.

What you will need

Degrees and UCAS codes
BSc (Hons) (B140): Four years
MSci: Five years
You may apply for transfer to the MSci mid-programme. MSci applications are NOT taken via UCAS.
We offer a Joint Honours degree programme in Psychology & Neuroscience (24R9).

Entry requirements at a glance
A-levels:
Standard entry AAB.
Minimum entry BBB.

Highers:
Standard entry AAAA/AAABB at S5.
Minimum entry AABB.
*Adjusted entry from AABB at S5/S6, see page 148 for eligibility.

International Bacalaureate:
Standard entry 36 points.
Minimum entry 34 points.

Entry requirements in full
See page 156 or visit glasgow.ac.uk/ug/entryrequirements for more information and subject-specific requirements.

Glasgow International College
For international students entry to this programme is supported by courses from GIC. See page 30.

What to expect

Year 1
You will be given a general introduction to all aspects of modern biology and encouraged to acquire general scientific skills.

Year 2
In semester 1, you will develop your knowledge of fundamental aspects of biology. In semester 2, you will be introduced to specialist subject areas according to your interests (e.g. animal biology; biomolecular sciences; human biology; infection biology).
You will also study other subjects in years 1 and 2 – see page 32 for details.

Years 3 and 4
If you progress to Honours (years 3 and 4) you will take courses that will provide you with an overview of human biology, the central nervous system, molecular biology and developmental biology.
You will also have lectures specific to your chosen area of interest, and practicals and workshops in neuroscience.
In fourth year you will study four specialised neuroscience-related topics chosen from the Honours options. You will also complete a research project carried out under the supervision of a member of academic staff, and a dissertation.

During the programme you will gain hands-on experience of practical techniques including experimental design, ways of gathering data and statistical analysis of data. You will also develop personal skills in collecting and presenting information in formal and informal environments.

You can take Neuroscience as an MSci, which includes an additional placement year, between the third and final years of the degree. This is normally spent doing research in industry or some other organisation such as a research institute in the UK or overseas.
The list of available final-year optional courses is subject to change each year. In addition, places in optional courses may be limited so students are not guaranteed a place on a particular final-year option.

Our international links
You will have the opportunity to apply to study abroad. There are currently two options available: the Erasmus+ Programme and the International Exchange Programme.

Career prospects
Our graduates are employed in a range of areas including the pharmaceutical industry in the UK and overseas. Many go on to undertake postgraduate research degree programmes.

Why choose Glasgow?
You will gain hands-on experience of modern laboratory techniques.

Degrees and UCAS codes
BSc (Hons) (B140): Four years
MSci: Five years
You may apply for transfer to the MSci mid-programme. MSci applications are NOT taken via UCAS.
We offer a Joint Honours degree programme in Psychology & Neuroscience (24R9).

Entry requirements at a glance
A-levels:
Standard entry AAB.
Minimum entry BBB.

Highers:
Standard entry AAAA/AAABB at S5.
Minimum entry AABB.
*Adjusted entry from AABB at S5/S6, see page 148 for eligibility.

International Bacalaureate:
Standard entry 36 points.
Minimum entry 34 points.

Entry requirements in full
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Minimum entry 34 points.

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Entry requirements at a glance
A-levels:
Standard entry AAB.
Minimum entry BBB.

Highers:
Standard entry AAAA/AAABB at S5.
Minimum entry AABB.
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International Bacalaureate:
Standard entry 36 points.
Minimum entry 34 points.

Entry requirements in full
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Our international links
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Career prospects
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Why choose Glasgow?
You will gain hands-on experience of modern laboratory techniques.
NURSING

Nurses form the largest group of staff in the NHS and are a crucial part of a healthcare team.

What you will need
Degrees and UCAS codes
BN (Hons) (B700): Four years

Entry requirements at a glance
A-levels: Standard entry ABB.
Higthers: Standard entry AABB/BB by the end of S6 with a minimum of AABB by the end of S5.
* Adjusted entry from AABB/BB at S5/S6, see page 148 to UWA/B

International Baccalaureate:
for eligibility.
Highers:
Standard entry ABB.

Degrees and UCAS codes

What to expect
Year 1
You will study a range of subjects including nursing, health studies, social sciences, biological sciences, and moral philosophy, and ethics. The focus of your study in first year is the healthy individual and care of the older adult. You will begin to learn essential nursing skills and will have the opportunity to care for adults in the hospital and community setting.

Year 2
You will study adult nursing and continue your study of life sciences, social sciences and ethics. Life science subjects include anatomy, physiology, biochemistry and microbiology.

Your care nursing course will include the study of pharmacology, nutrition, social policy and an introduction to nursing research.

You will also undertake four practice learning placements, two in a hospital setting (adult medical and surgical nursing) and two in the community setting (district nursing, health visiting and public health nursing).

Year 3
In year 3 you will study:
• Adult nursing, particularly related to human disease and pathology
• A course in human disease and pathology which is taught by internationally renowned clinicians
• A research methods course that develops your awareness of research and the relevance of research for nursing practice
• Advancing clinical skills that will help prepare you for opportunities in clinical practice

You have two practice learning placements in the hospital setting, one of which is a high dependency or critical care unit.

Year 4
In the Senior Honours year you will undertake a period of study over two semesters which incorporates the final 12 weeks of clinical practice consolidation. You will have the opportunity to investigate an area of interest related to clinical practice through a written dissertation. You will take courses on nursing policy in context and management for healthcare, which will ensure that you have an understanding of health policy as it relates to nursing care, the factors affecting the delivery of healthcare and the key concepts of supporting future students in nursing.

Career prospects
The Bachelor of Nursing (Hons) programme, with its strong scientific basis, prepares our graduates for all areas of care.
On qualifying, our graduates have been employed throughout the UK and the rest of the world.

Accreditation
This programme is recognised by the Nursing and Midwifery Council (NMC) for the purpose of registration.

Why choose Glasgow?
Nursing at Glasgow is ranked top in the UK according to the Complete University Guide 2017.

Important information
Fitness to Practise
Where a programme of study requires the student to act in the course of practical training in a quasi-professional role in relation to patients, children, clients or service-users or where the qualification provides a direct licence to practise, the University has a duty to ensure that the student is fit to practise. Fitness to Practise is assessed not only in terms of academic attainment but also in accordance with relevant professional concerns and expectations. Students registered to study nursing are subject to separate Fitness to Practise procedures. A copy of the Code of Professional Conduct and Fitness to Practise will be made available to BN students.

Hepatitis B
Hepatitis B is a serious blood-borne virus (BBV). This can be passed between a nurse and patient. Healthcare workers must ensure that they do everything possible to protect themselves and their patients from this infection.

Students must complete a full course of immunisation against the Hepatitis B virus. The immunisation process can take up to nine months and applicants are therefore advised to commence this process at the earliest possible opportunity. However, it is not a requirement for students to have completed the immunisation process prior to registration. Please also note that your GP is NOT under obligation to immunise you. Nursing students can complete the full course of Hepatitis B immunisation by attending the University’s Occupational Health Unit. This can only be done once they are registered as a student. The immunisation process must be completed by 30 June of the first year of the course. A candidate who has not satisfactorily completed their Hepatitis B immunisation will not be permitted to register and attend classes in the following session until such time as this has been satisfactorily completed.

Continuation of a student’s Hepatitis B Surface Antigen status is identified by the University’s Occupational Health Unit’s screening programme, prior to registration in September. No student will be registered without having this blood test. Identification of Hepatitis B in a potential student will not preclude registration to undergraduate Nursing.

If you are concerned you may be at risk of being a carrier of the Hepatitis B virus or any other BBV you should have this checked immediately, and if positive, you must contact the relevant School (Medical/Nursing & Health Care/Dental) as soon as possible so that discussion can take place on whether reasonable modifications would be required to be made within the undergraduate course.

Disclosure Scotland – Protection of Vulnerable Groups Scheme
If you are admitted to the BN programme you will be required to undertake a Criminal Convictions check prior to registration. The Scottish Government will pay for checks for nursing students.

97% Nursing students were satisfied overall†

† Data published by UCAS (see tables.ac.uk/ucas) January 2017
Parasitology deals with a wide range of infective agents, ranging from the microscopic protozoans that cause malaria and sleeping sickness to large parasitic worms.

**What you will need**
- Degrees and UCAS codes
  - BSc (Hons) (C111): Four years
  - MSci: Five years
- Highers:
  - Standard entry AAAAB
  - Minimum entry BBB
- A-levels:
  - Standard entry BBB
  - Minimum entry BB
- International Baccalaureate:
  - Standard entry 36 points
  - Minimum entry 34 points

**Entry requirements in full**
- See page 156 or visit glasgow.ac.uk/ug/enquiries for more information and subject-specific requirements.
- Glasgow International College
  - For international students entry to this programme is supported by courses from GIC. See page 30.

**What to expect**

**Year 1**
You will be given a general introduction to all aspects of modern biology and will be encouraged to acquire general scientific skills.

**Year 2**
In semester 1, you will develop your knowledge of fundamental aspects of biology. In semester 2, you will be introduced to specialist subject areas according to your interests (e.g. animal biology; biocatalytic sciences; human biology; infection biology).

You will also study other subjects in years 1 and 2 – see page 32 for details.

**Years 3, 4 and 5**
If you progress to Honours (years 3 and 4), you will learn about many aspects of modern parasitology with particular emphasis on treatment, pathogenicity and the unique biochemistry of parasites. In year 3 you will study infectious diseases, immune responses and the biochemistry and molecular biology of parasites, bacteria and viruses. Year 3 is run as a joint course with the Microbiology and Virology degree programmes.

In fourth year you will study four specialised Parasitology-related topics chosen from a list of Honours options, as well as an Advanced Studies course. You will undertake a research project under the supervision of a researcher.

Parasitology can be taken as an MSci, which includes an additional placement year between year 3 and the final year of the degree. The placement year is normally spent doing research in industry or a research institute, in the UK or overseas. This is a great opportunity to develop research skills, and useful contacts, for a whole year.

**The list of available final-year optional courses is subject to change each year. In addition, places in optional courses may be limited, so students are not guaranteed a place on a particular final-year option.**

**Our international links**
You will have the opportunity to apply to study abroad. There are currently two options available: the Erasmus+ Programme and the International Exchange Programme.

**Career prospects**
Our graduates follow many interesting career paths. Many continue to study for Masters or PhD level, eventually progressing to research careers. Parasitology is a very international subject and some graduates work in developing countries on parasitic disease, others in biotechnology or in the pharmaceutical industry, on drug development, diagnostics and vaccines for human or veterinary infections. With the subject's clear relevance to international development, some graduates work in advocacy and policy, or in relevant charities and organisations.

Parasitology graduates also gain many transferable skills and are highly employable in many professional areas, including teaching.

**Why choose Glasgow?**
You’ll receive practical training in aspects of epidemiology at the Marine Biology Station at Millport in the Firth of Clyde.

**Pharmacology**
Pharmacology is the study of drugs – not just medicines, but also the substances produced within the body, such as hormones. It also encompasses the study of food additives, agricultural compounds such as insecticides, and even animal venoms and toxins.

**What you will need**
- Degrees and UCAS codes
  - BSc (Hons) (B210): Four years
  - MSci: Five years
- Highers:
  - Standard entry AAAAB
  - Minimum entry BBB
- A-levels:
  - Standard entry BBB
  - Minimum entry BB
- International Baccalaureate:
  - Standard entry 36 points
  - Minimum entry 34 points

**Entry requirements in full**
- See page 156 or visit glasgow.ac.uk/ug/enquiries for more information and subject-specific requirements.
- Glasgow International College
  - For international students entry to this programme is supported by courses from GIC. See page 30.

**Why choose Glasgow?**
You may have the opportunity to go on a work placement to companies such as GlaxoSmithKline, GlaxoSmithKline and Pfizer.

**Pharmacology**
Pharmacology is the study of drugs – not just medicines, but also the substances produced within the body, such as hormones. It also encompasses the study of food additives, agricultural compounds such as insecticides, and even animal venoms and toxins.
PHILOSOPHY

Philosophy is the systematic attempt to arrive at clear answers to profound questions about issues such as knowledge, life, morality, science and human nature using reason and argument.

What to expect

Year 1
You will be introduced to key problems of logic. You will also study other subjects in years 1 and 2 – see page 32 for details.

Years 3 and 4
If you progress to Honours (years 3 and 4) you will choose courses covering in more depth the core areas of philosophy studied in first and second years, as well as a wide range of options taught by specialist researchers. In year 4 you will have the opportunity to write a dissertation.

Our international links
We encourage our students to study abroad (usually during year 3). We have an Erasmus exchange scheme with the University of Barcelona and our Philosophy students have also studied in the United States, Canada, Australia, New Zealand, Hong Kong, Denmark and Finland.

Career prospects
You will develop many transferable skills and attributes which will be valuable in your future career. These include the ability to evaluate arguments and interpret texts, the facility to be analytical, the skill to think and write clearly and precisely, and the capacity to question assumptions. Some of our graduates go on to study for postgraduate degrees in Philosophy and some of these progress to teach in universities. Others go on to a wide range of careers. Our recent Philosophy graduates have been employed by:
- Hydrogen Group, recruitment consultant
- Beijing School, English teacher
- Hopscotch Films, TV researcher
- Audience Editor, Guardian online
- Civil Service fast track (Treasury and MAC)
- Solicitor
- Water Industry Commission, regulation analyst
- Project support officer, International Organisation for Migration, Iraq

Why choose Glasgow?
We host reading parties for students, usually in the Highlands, and have a flourishing undergraduate Philosophy Society.

Why choose Glasgow?
Many of our staff play leading roles in major international research projects, such as the Large Hadron Collider at CERN and the gravitational wave observatory LIGO.

What you need

Degrees and UCAS codes
MA (Hons) (V502): Four years
- Joint Honours available; see page 170.

Entry requirements at a glance

A-levels
- Standard entry AAB.
- Minimum entry BBB.

Highers
- Standard entry AAAA/AAABB at S5/S6 or AAAAB at S5/S6.
- Adjusted entry from AABB at S5/S6, see page 149 for details.

International Baccalaureate: standard entry 36 points. Minimum entry 34 points.

Entry requirements in full
See page 149 or visit glasgow.ac.uk/ug/entryrequirements for more information and subject-specific requirements.

What you will need

Degrees and UCAS codes
Physics BSc (Hons) (F300): Four years
- Physics MSci (F301): Five years
- Theoretical Physics BSc (Hons) (F344): Four years
- Theoretical Physics MSci (F340): Five years

Entry requirements at a glance

A-levels
- Standard entry AAB.
- Minimum entry BBB.

Highers
- Standard entry AAAA/AAABB at S5/S6 or AAAAB at S5/S6.
- Adjusted entry from AABB at S5/S6, see page 149 for details.

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Entry requirements in full
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Why choose Glasgow?
Many of our staff play leading roles in major international research projects, such as the Large Hadron Collider at CERN and the gravitational wave observatory LIGO.

What to expect

Year 1
You will gain a basic understanding of the core topics in theoretical physics, receive an introduction to the methods of experimental physics and obtain a solid foundation for further study of the subject. Topics will include dynamics, wave motion, properties of matter, thermal physics, optics, electricity and magnetism, and quantum physics.

Year 2
You will undergo training in more specialised experimental techniques and expand your awareness of the latest developments in modern physics research. Topics will include physics of waves, dynamics, physics of solids, thermal physics, electricity and magnetism, nuclear and particle physics, physics of optics, and mathematical techniques. You will also study other subjects in years 3 and 4 – see page 32 for details.

Years 3, 4 and 5
If you progress to Honours (years 3 and 4) you will continue to study in greater depth core topics spanning all areas of physics. You will develop as a specialist in your chosen topic and undertake project work, often within a world-leading research group. An important aspect of the Physics degree programmes is the emphasis on technological applications such as laser physics, semiconductor physics and devices, modern signal processing technology, and magnetic and superconducting materials. If you choose the Theoretical Physics degree you will focus on more advanced theoretical topics. Additionally, you will undertake specialised computational project work.

Physics is the experimental and theoretical study of matter and energy and their interactions, ranging from the domain of elementary particles, through nuclear and atomic physics, to the physics of solids and, ultimately, to the origins of the universe itself.

Why choose Glasgow?
Many of our staff play leading roles in major international research projects, such as the Large Hadron Collider at CERN and the gravitational wave observatory LIGO.

What you need

Degrees and UCAS codes
Theoretical Physics MSci (F340): Five years
- Joint Honours available; see page 170.

Entry requirements at a glance

A-levels
- Standard entry AAB.
- Minimum entry BBB.

Highers
- Standard entry AAAA/AAABB at S5/S6 or AAAAB at S5/S6.
- Adjusted entry from AABB at S5/S6, see page 149 for details.

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Degrees and UCAS codes
Theoretical Physics MSci (F340): Five years
- Joint Honours available; see page 170.

Entry requirements at a glance

A-levels
- Standard entry AAB.
- Minimum entry BBB.

Highers
- Standard entry AAAA/AAABB at S5/S6 or AAAAB at S5/S6.
- Adjusted entry from AABB at S5/S6, see page 149 for details.

International Baccalaureate: standard entry 36 points. Minimum entry 34 points.

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Why choose Glasgow?
Many of our staff play leading roles in major international research projects, such as the Large Hadron Collider at CERN and the gravitational wave observatory LIGO.
PHYSICS WITH ASTROPHYSICS

In this degree programme the study of physics is particularly focused on astrophysical phenomena: from stars and planets to galaxies and cosmology. Astrophysics provides a natural laboratory in which to explore the laws of physics, and in certain astrophysical objects – such as pulsars, quasars and black holes – to test those laws under extreme conditions.

What you will need

- Degrees and UCAS codes
  - BSc (Hons) (F3FS): Four years
  - MSci (F3FM): Five years
- Entry requirements at a glance
  - A-levels: Standard entry AAB. Minimum entry BBB.
  - Highers: Standard entry AAAA/AAABB at S5. * Minimum entry ABBB. * Adjusted entry from AABB at S5/S6, see page 148 for example.
- International Baccalaureate: Standard entry 36 points. Minimum entry 34 points.
- Entry requirements in full
  - See page 156 or visit glasgow.ac.uk/ug/entryrequirements for more information and subject-specific requirements.
- Glasgow International College
  - For international students entry to this programme is supported by courses from GIC. See page 30.

What to expect

Year 1

You will gain a basic understanding of the main topics in theoretical physics and will be introduced to the methods of experimental physics, thereby providing a solid foundation for further study in physics. You will also be introduced to the foundations of astrophysics, covering topics including the physics of our solar system, the origin of stars and galaxies, and the evolution of the universe.

Year 2

You will have training in more specialised experimental techniques and expand your knowledge of modern physics research. You will also study other subjects in years 1 and 2 – see page 32 for details.

Years 3, 4, and 5

If you progress to Honours (years 3 and 4) you will continue to study core topics in greater depth but will also study specialist subjects of your choice in depth and will undertake project work, often within a world-leading research group. The main astrophysics components of the Honours programme include:

- stellar structure and evolution
- high-energy astrophysics
- galaxies and cosmology
- instruments for optical and radio telescopes
- exploring planetary systems

Why choose Glasgow?

- Astronomy lectures are complemented by our observation platform and telescope facilities.
- There is an opportunity to take an MSci degree which explores physics and astrophysics topics in greater depth. In the final year of the MSci degree you will carry out an individually supervised project working at the cutting edge of international research. The MSci aims to foster the development of critical judgement and independent scientific work, and to prepare you for professional leadership in your chosen field.
- Our international links
  - You will have the opportunity to apply to study abroad. There are currently two options available: the Erasmus + Programme and the International Exchange Programme.
- Career prospects
  - You will also study other subjects in years 1 and 2 – see page 32 for details.

What you will need

- Degrees and UCAS codes
  - BSc (Hons) (B120): Four years
  - MSci: Five years
- Entry requirements at a glance
  - A-levels: Standard entry ABBB. Minimum entry BBB.
- Highers: Standard entry AAAA/AAABB at S5. * Minimum entry ABBB. * Adjusted entry from AABB at S5/S6, see page 148 for example.

What to expect

Year 1

You will be given a general introduction to all aspects of modern biology and encouraged to acquire general scientific skills.

Year 2

In semester 1, you will develop your knowledge of fundamental aspects of biology. In semester 2, you will be introduced to specialist subject areas according to your interests (e.g. animal biology; biotechnological sciences; human biology; infection biology). You will also study other subjects in years 1 and 2 – see page 32 for details.

Years 3, 4, and 5

If you progress to Honours (years 3 and 4) you will learn about the major organ systems of the body, including cardiovascular respiratory, alimentary and renal, and the central nervous system. You will also study other topics such as the properties of excitable cells and mechanisms regulating the internal environment of the body.

In year 4 you will cover several topics in physiology in depth and undertake a research project. You can take Physiology as an MSci, which includes an additional placement year between the third and final years of the degree. This is normally spent doing research in industry or some other organisation such as a research institute in the UK or overseas.

You will have the opportunity to apply to study abroad. There are currently two options available: the Erasmus + Programme and the International Exchange Programme.

Career prospects

Physiology provides a broad scientific education, which allows our graduates to pursue a career in research or work in related subjects and areas such as universities and the pharmaceutical industry, scientific publishing or public health.

As a graduate you will have a number of direct paths open to you:

- Physiologists work with clinical colleagues in the investigation of disease
- Neurophysiologists study the brain
- Cellular physiologists study how individual cells work
- Sports physiologists work with athletes and dieticians

Recent graduates have gone on to train as teachers, nurses, doctors and dentists. Several have taken postgraduate courses in dietetics, metabolism and physiotherapy.

Why choose Glasgow?

- Our international links
  - You will be introduced to a wide range of experimental techniques, as well as methods for analysing and presenting experimental results.
- Why choose Glasgow?
  - Glasgow provides a balanced and comprehensive education and teaching environment for students in physiology.
- Why choose Glasgow?
  - Our staff is dedicated and experienced in their fields, providing a supportive and engaging learning environment.

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PHYSIOLOGY & SPORTS SCIENCE

Whether at the level of basic health or high-level sport, physiology and sports science is designed to serve the community in terms of research, teaching and counselling.

What you will need

- Degrees and UCAS codes
  - BSc (Hons) (BC16): Four years
  - MSci: Five years
  - You may apply for transfer to the MSci mid-programme.
  - MSci applications are NOT taken via UCAS.
  - Entry requirements at a glance
    - A-levels: Standard entry AAAB. Minimum entry BBB.
    - Highers: Standard entry AAAA/AAABB at S5. * Minimum entry ABBC.
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    - Entry requirements in full
      - See page 156 or visit glasgow.ac.uk/ug/entryrequirements for more information and subject-specific requirements.

Glasgow International College

For international students entry to this programme is supported by courses from GIC. See page 30.

Why choose Glasgow?

Your final year can include working as an intern with sport professionals or physical activity/public health providers to give you valuable work experience. You can achieve funding through the Cathcart Scholarship to support applied sports science within elite sport for a few weeks/months in your 3rd or 4th year.

Why choose Physiology & Sports Science?

- Our international links
  - You will have the opportunity to apply to study abroad. There are currently two options available: the Erasmus+ Programme and the International Exchange Programme.
  - Entry requirements at a glance
    - A-levels: Standard entry AAAB. Minimum entry BBB.
    - Highers: Standard entry AAAA/AAABB at S5. * Minimum entry ABBC.
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  - Entry requirements at a glance
    - A-levels: Standard entry AAAB. Minimum entry BBB.
    - Highers: Standard entry AAAA/AAABB at S5. * Minimum entry ABBC.
What you will need

Degrees and UCAS codes
- MA (SocSci) (Hons) (L202): Four years
- MA (Hons): Five years

Entry requirements at a glance
- A-levels:
  - Standard entry AABB
  - Minimum entry BBB
- Higers:
  - Standard entry AAAAB at S5.
  - Minimum entry AABBB

International Baccalaureate: Standard entry 36 points. Minimum entry 34 points.

Entry requirements in full
- See page 108 or visit glasgow.ac.uk/ug/entryrequirements for more information and subject-specific requirements.

Glasgow International College
- For international students entry to this programme is supported by courses from GIC. See page 30.

Glasgow Q-Step Degrees
- Studying Politics at Glasgow can be taken in partnership with the Glasgow Q-Step programme to give you more opportunities to develop your quantitative research skills. For more information, see page 126 or visit glasgow.ac.uk/schools/socialpolitical/q-stepcentre

What to expect

Programme structure
- At all levels of study, politics is a subject that is open to interpretation and debate. Our methods of teaching, therefore, are based largely on classroom discussion. You will attend lectures that identify themes and then explore these themes in depth during seminars.
  - You will think about ethical questions such as the role and limits of state power, the nature of a "good society" and the obligations that one nation has to another.
  - You will also consider empirical questions such as how we explain differences in political institutions and culture, and the relations between nation-states in the international system.

Year 1
- Initially you will study two courses:
  - Introduction to liberal democracy – deals primarily with the British, Scottish and European political systems.
  - Comparative politics – explores a number of different countries using a comparative analytical framework.

Year 2
- Your second year will also comprise two courses:
  - History of political thought – examines political thought from the ancients, primarily Aristotle, through Machiavelli, Hobbes and Locke to Rousseau and Karl Marx.
  - International relations – uses the ideas of important writers to explain key aspects of the international order. You will also study other subjects in years 1 and 2 – see page 32 for details.

Years 3 and 4
- If you progress to Honours (years 3 and 4) you can choose from over 30 courses in Politics and International Relations, such as Global Environmental Politics, Chinese Politics, Just War, Narratives on Conflict in the Middle East, and Internet and Politics, among many others taught by academic staff who specialise in the themes and topics covered.

Our international links
- We have a longstanding and active programme of International Exchange. Each year, we welcome dozens of students from countries around the world who come to take courses at Glasgow. At the same time, our Politics students have the opportunity to spend their third year studying at universities around the world, including in the United States, Australia, Canada and Europe.

Career prospects
- Through debate, written essays and projects, the study of politics will develop your analytical skills and writing abilities, equipping you for a wide variety of careers.
- Popular career destinations for our graduates include the media, teaching, the civil service, the charity sector, international organisations, business and the armed forces.

Why choose Glasgow?
- You will study the ideas which inform and explain political activity alongside political institutions and behaviour.
PRODUCT DESIGN ENGINEERING

Product Design Engineering is jointly delivered by the University and the Glasgow School of Art and integrates engineering with design.

What you will need

Degrees and UCAS codes

BEng (H3W2): Four years
MEng (H3WG): Five years

Entry requirements at a glance

For eligibility.

BEng

- A-levels: Standard entry AAA. Minimum entry BBB.
- Highers: Standard entry AAAA or AAAABB at S5. Minimum entry AABBB.

MEng

- A-levels: Standard entry AAA. Minimum entry 34 points.
- Highers: Standard entry AAAA at S5. Standard entry 38 points.

What to expect

Programme structure

You will study the same courses in the first three years whether you are on the BEng or MEng degree programme.

Years 1 and 2

In your first year, you will take a wide-ranging curriculum which includes courses in product design engineering (delivered by the Glasgow School of Art), mathematics, mechanics, dynamics, electronics, materials, statics, thermodynamics and engineering skills. These courses are supported by individual and group project work and laboratory work. This interdisciplinary approach, favoured by industry, also makes it easy to switch to another engineering discipline at the end of year 1 should you wish to do so.

Year 3

The third year develops and integrates the application of theory through structured study of advanced manufacture, human factors, robotics and mechanics of solids. The third year develops and integrates the application of theory through structured study of advanced manufacture, human factors, robotics and mechanics of solids.

Our international links

As part of the MEng programme there is the possibility that you may spend the fourth year in Trondheim, Norway. We are establishing links with universities to provide similar possibilities at other levels of study for MEng and BEng students.

Career prospects

These degrees benefit from excellent career prospects, ranging from leading international companies to local design and engineering studies. Recent graduates have been employed by Apple, Bosch, Dell, Dyson, GlassmHHNK, Logitech, Jaguar Land Rover and TomTom.

International Baccalaureate

Standard entry 38 points. Minimum entry 37 points.

Entry requirements in full

See page 151 or visit glasgow.ac.uk/ug/entryrequirements for more information and subject-specific requirements.

Glasgow International College

For international students entry to this programme is supported by courses from GIC. See page 30.

What you will need

Degrees and UCAS codes

BSc (Hons): Four years
MA (Hons): Four years
MA (SoSc) (Hons): Four years

Entry requirements at a glance

Minimum entry 34 points.

MEng (H3WG): Five years

What to expect

Programme structure

You will study advanced subjects in design and technology engineering, management and design.

In year 5 you will work on a programme of product development and prototyping proposed by you, leading to concept and detailed design proposals. You will also study advanced manufacture, human factors, robotics and mechanics of solids.

Careers

Recent graduates have been employed by Apple, Bosch, Dell, Dyson, GlassmHHNK, Logitech, Jaguar Land Rover and TomTom. These courses are supported by individual and group project work and laboratory work. This interdisciplinary approach, favoured by industry, also makes it easy to switch to another engineering discipline at the end of year 1 should you wish to do so.

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International Baccalaureate

Standard entry 38 points. Minimum entry 37 points.

Entry requirements in full

See page 151 or visit glasgow.ac.uk/ug/entryrequirements for more information and subject-specific requirements.

Why choose Glasgow?

You will work closely with industry throughout the programme, which may lead to internship and employment opportunities. You will have the opportunity to go on fieldtrips to industrial centres of excellence.

95%

BSc Psychology students in work/study six months after finishing.*

PSYCHOLOGY

Psychology is the scientific study of people: how they think, act, react and interact. It is concerned with all areas of behaviour (normal and abnormal) and the thoughts, feelings and motivations underlying such behaviour.

Careers

Psychologists are probably best known for their work in the health and education services, but psychology graduates can be found in almost any area of life. A psychology degree opens up a wide range of career opportunities, and new growth areas include counselling and health psychology. The main career areas are:

- Clinical psychologists, working in health and care settings
- Counselling psychologists, in private practice and commercial settings
- Educational psychologists, in local education authorities, schools and special schools
- Forensic psychologists, working in penal establishments, specialist hospitals and with young offenders
- Health psychologists, working in hospitals, health authorities and health research departments
- Neuropsychologists, helping people with brain injury
- Occupational psychologists, in management, personnel, training, selection and careers services
- Research and teaching in institutions of higher education

Accreditation

This degree is accredited by the British Psychological Society as conferring eligibility for Graduate Membership of the Society. Graduates who complete with at least second class Honours in the Psychology Component would achieve the Graduate Basis for Chartered Membership (GBC). This is a first step towards becoming a Chartered Psychologist.

Why choose Glasgow?

Psychology at Glasgow is ranked 4th in the UK (Guardian University Guide 2017).
**QUANTITATIVE METHODS**

The University of Glasgow’s Q-Step Centre offers programmes which develop your quantitative skills, or in other words, your ability to handle data and use numerical evidence.

**One of only 18 universities in the UK to offer dedicated Quantitative Methods programmes.**

**90%**

Russian students were satisfied overall.

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**What you will need**

**Degrees**

Quantitative Methods can only be taken with the following degrees. Apply on the main subject UCAS code and select Quantitative Methods modules from year 2.

- MA (SocSci) (Hons) Sociology with Quantitative Methods: Four years
- MA (SocSci) (Hons) Politics with Quantitative Methods: Four years
- MA (SocSci) (Hons) Social & Public Policy with Quantitative Methods: Four years
- MA (SocSci) (Hons) Central & Eastern European Studies with Quantitative Methods: Four years
- MA (SocSci) (Hons) Economic & Social History with Quantitative Methods: Four years

**Entry requirements at a glance**

See page 149 or visit glasgow.ac.uk/ug/entryrequirements for more information and subject-specific requirements.

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**What to expect**

The University of Glasgow Q-Step Centre offers five degree programmes that integrate quantitative skills within the School of Social and Political Sciences. All of these programmes aim to engage you with meaningful ways of understanding the social world.

We will teach you how to understand and analyse quantitative results, as well as how to present your own, and how to discuss their substantive implications. These are essential skills for understanding quantitative evidence presented in academic literature, but also for interrogating data in public media and government reports.

Around one quarter of your study time will be devoted to quantitative methods. And our degrees also offer you the possibility to gain valuable experience by participating in internships with selected high-profile employers.

- MA (SocSci) Sociology with Quantitative Methods
  - Sociology studies the ways that people organise their lives together, the constraints within which they do so, the patterns of their social behaviour, and the causes and consequences of social inequalities. Sociology at Glasgow combines sociological, criminological and anthropological perspectives.

- MA (SocSci) Politics with Quantitative Methods
  - Politics is the study of the way power and influence are distributed within society and how this affects decision-making within and among countries and states. You will study the ideas which inform and explain political activity alongside political institutions and behaviour.

---

**Why choose Glasgow?**

Developing quantitative skills and your confidence in using them, will really enhance your insight and understanding of the key issues you encounter in your chosen field of study.

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**RUSSIAN**

A degree in Russian will allow you to study a language of strategic international significance, as well as giving you access to the richness of Russian culture.

---

**What you will need**

**Degree**

- MA (Hons): Five years

- Russian can only be taken as a JointHonours degree; see page 171 for options and UCAS codes.

**Entry requirements at a glance**

- A-Levels: Standard entry AAAAB at S5/S6, see page 148 for eligibility.
- IB: Minimum entry 34 points.

**Year 1**

- Previous knowledge of Russian is not required for the year 1 course but you should be able to demonstrate some basic language skills.
- If you do have some previous knowledge of Russian, a non-beginners’ pathway is also available.

**Year 2**

- You will further deepen your knowledge of Russian language and we will continue to focus on ensuring you can communicate confidently in spoken and written Russian.
- You will also learn a little about the wealth of Russian culture.

**Year 3 (year abroad)**

- If you progress to Honours it is essential that you spend your third year abroad, usually enrolled at a university, which we will help to arrange.

**Career prospects**

Modern Languages graduates work in a wide range of fields including business, commerce and marketing, journalism, tourism, translating and interpreting, and the civil service, as well as business, commerce and marketing. Russian is one of six languages in use by the United Nations, and Russia’s economic and diplomatic links with the UK and Europe mean excellent opportunities are being created both in the UK and abroad.

**Why choose Glasgow?**

Glasgow has a long history of teaching Russian and Slavonic languages and the resources available in our library are truly world-class.

---

**glasgow.ac.uk/schools/socialpolitical/q-stepcentre**
**socsci-qstep@glasgow.ac.uk**

**glasgow.ac.uk/ug/russian**
**arts-languages@glasgow.ac.uk**
SCOTTISH HISTORY

The study of history is the study of change and continuity in human society through time. Scottish history is the study of Scotland’s past.

What you will need

Degrees
MA (Hons): Four years
Scottish History can only be taken as a Joint Honours degree. See page 171 for options and UCAS codes.

Entry requirements at a glance

A-levels:
Standard entry AAB
Minimum entry BBB

Highers:
Standard entry AAA/AAABB at S5. * Minimum entry AABBB

* Adjusted entry from ABB at S5/S6, see page 148 for eligibility.

International Baccalaureate:
Standard entry 36 points. Minimum entry 34 points.

Entry requirements in full
See page 149 or visit glasgow.ac.uk/ug/entryrequirements for more information and subject-specific requirements.

What to expect

Year 1
You will take two core courses in history, one of which introduces you to the history of Scotland. Topics you will study include:
• The independent kingdom
• Medieval society
• Castles
• Government
• The wars of independence
• Catholic belief and a Scottish church

You have the opportunity to study abroad. There are currently two options available: the Erasmus+ Programme and the International Exchange Programme.

Career prospects
As a history graduate you will be able to enter many different careers, from teaching to the financial services. Although a history degree will not train you for one particular profession, the skills you will have developed are extremely popular with employers. Our recent History graduates have been employed by Glasgow Museums, HarperCollins, Oxfam, Morgan Stanley and Police Scotland, among many other organisations.

Why choose Glasgow?
Scottish History at Glasgow boasts world-leading researchers at the cutting edge of the discipline across all periods, from medieval to modern. The Centre for Scottish & Celtic Studies at Glasgow addresses Scottish history in a genuinely cross-disciplinary environment including key historical and cultural themes.

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Our international links
Our international links

95% History students were satisfied overall 1

95% Scottish Literature students were satisfied overall 1

SCOTTISH LITERATURE

Scottish literature is the study of the poetry, drama, fiction and prose of Scotland, in English and Scots, from its beginnings in the 14th century to the most contemporary work.

What you will need

Degrees and UCAS codes
MA (Hons) (Q201): Four years
Joint Honours available; see page 172.

Entry requirements at a glance

A-levels:
Standard entry AAB
Minimum entry BBB

Highers:
Standard entry AAA/AAABB at S5.* Minimum entry ABBBB

* Adjusted entry from ABB at S5/S6, see page 148 for eligibility.

International Baccalaureate:
Standard entry 36 points. Minimum entry 34 points.

Entry requirements in full
See page 149 or visit glasgow.ac.uk/ug/entryrequirements for more information and subject-specific requirements.

What to expect

Year 1
You will be introduced to the critical tradition of Scottish literature and will study a diverse range of Scottish texts from the earliest times to the present day. You will read the work of many of the nation’s best-known writers. Texts, including those in the Scots language, are explored within the context of key historical and cultural themes.

Career prospects
An Honours degree in Scottish Literature opens up a wide range of career opportunities. You could find employment in areas including journalism and broadcasting, education, research, marketing, publishing, data processing, management and librarianship.

Why choose Glasgow?
The University hosts the only academic unit in the UK exclusively dedicated to the teaching of, and research into, Scottish Literature. We are home to the Centre for Robert Burns Studies, which has been awarded over £2 million in funding from the Arts and Humanities Research Council, and which is engaged in the production of a new, multi-volume, scholarly edition of the works of Scotland’s national poet.

Our international links
You can spend up to a year of your degree studying abroad, normally in your third year. We have links with the Universities of Mainz and Verona.

Career prospects
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Social Sciences

Social & Public Policy focuses on social problems such as poverty, homelessness and ill-health. The programme applies ideas from political science, sociology and economics to explore how governments shape their responses, and to understand the impacts of public policy on society.

What you will need

- Degrees and UCAS codes
  - MA (SocSci) (Hons) [L300]: Four years
  - Joint Honours available, see page 172
  - Entry requirements at a glance
    - A-levels: Standard entry AAA, Minimum entry BBB.
    - Higher: Standard entry AABBB at S5, Minimum entry AABBB.
    - * Adjusted entry from AABBB at S5/S6, see page 148 for eligibility.

- International Baccalaureate: Standard entry 38 points. Minimum entry 34 points.

What to expect

- Year 1: You will examine the development of policies and services such as health and social security that were created to eradicate postwar social problems, through a focus on the famous Beveridge Report of 1942, which identified the ‘Five Giants’ of want, disease, squalor, ignorance and idleness. Then using experiences in Glasgow as a lens, you will have the opportunity to study current responses to social problems such as crime, youth gangs, drug misuse and urban degeneration.

- Year 2: You will study influential ideas and major perspectives on welfare and public policy in order to examine assumptions about the aims of policy and the functions of welfare. This includes examining ideological and political agendas in an international context. You will also look into the politics and power dynamics of policy making, considering how social problems, such as teenage pregnancy and welfare reform, are constructed and why some are high on the political agenda while others are not. You will also study other subjects in years 1 and 2 – see page 32 for details.

Years 3 and 4

If you progress to Honours (years 3 and 4) you will choose subjects from a diverse range of topics to suit your interests, including:

- Work, welfare and the politics of reform
- Disability and society
- Health and health inequalities
- Housing policy, welfare and markets
- Remaking cities: dilemmas of 21st-century urban policy
- Education for citizenship
- Making public policy in the real world
- Active citizenship: includes a placement in a voluntary or public sector organisation
- Ideological concepts and values
- Utopias: welfare theory and social policies for a ‘good society’
- Paying for public policy

Why choose Glasgow?

You’ll have the valuable opportunity of a work placement with a voluntary or public sector organisation.

What to expect

- Year 1: You will be introduced to the discipline of sociology and to the key concepts, theories and methods sociologists use to understand the nature of contemporary societies and processes of social change. Through studying classic and contemporary examples of sociological research from a range of different societies, you will explore what it means to think sociologically about topics such as class, gender, the body, everyday life, migration and the media.

- Year 2: In the following year you will deepen your understanding of inequalities, social identities and social change in a global context, by examining a range of examples drawn from sociology and related disciplines, and by employing a higher level of theoretical consideration. You will also study other subjects in years 1 and 2 – see page 32 for details.

- Glasgow Q-Step Degrees
  - Studying Sociology at Glasgow can be taken in partnership with the Glasgow Q-Step programme to give you more opportunities to develop your quantitative research skills. For more information, see page 126 or visit glasgow.ac.uk/ug/entryrequirements

- Why choose Glasgow?
  - One of the distinctive features of our Sociology programme, commended by external examiners and by our graduates, is the combination of sociological, criminological and anthropological perspectives which we provide.

- Our international links
  - An Honours degree in Sociology from Glasgow will prepare you for employment in a number of fields that require a sophisticated, critical and questioning understanding of the workings of society. Our graduates are now employed in the media, with city councils, development agencies, in market research, data analysis, business management and housing and education.

Sociology

Sociology studies the ways that people organise their lives together, the constraints within which they do so, the patterns of their social behaviour, and the causes and consequences of social inequalities.

What you will need

- Degree and UCAS code
  - MA (SocSci) (Hons) [L300]: Four years
  - Joint Honours available, see page 172
  - Entry requirements at a glance
    - A-levels: Standard entry AAAAB at S5.
    - Higher: Standard entry AAAAB at S5.
    - * Adjusted entry from AABBB at S5/6, see page 148 for eligibility.

- International Baccalaureate: Standard entry 38 points. Minimum entry 34 points.

What to expect

- Year 1: You will be introduced to the discipline of sociology and to the key concepts, theories and methods sociologists use to understand the nature of contemporary societies and processes of social change. Through studying classic and contemporary examples of sociological research from a range of different societies, you will explore what it means to think sociologically about topics such as class, gender, the body, everyday life, migration and the media.

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Sociology students thought staff were good at explaining things.

91% Public Policy students were satisfied overall.

94% Sociology students thought staff were good at explaining things.
**SOFTWARE ENGINEERING**

Software engineering involves the specification, design, construction and verification of large software systems.

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**What you will need**

- **Degrees and UCAS codes**
  - BSc (Hons) (G430): Four years
  - MSci (G610): Five years
- **Faster route BSc (Hons)**
  - Four years
- **Faster route MSci**
  - (G6V3): Four years

**Entry requirements at a glance**

- **A-levels**: Standard entry AAA. Minimum entry BBB.
- **Highers**: Standard entry AAAA/AAABB at S5/S6. Minimum entry AABB.
  - *Adjusted entry from AAAA/AAABB at S5/S6, see page 147 for eligibility.
- **International Baccalaureate**: Standard entry 36 points. Minimum entry 34 points.

**Entry requirements in full**

See page 156 or visit glasgow.ac.uk/ug/entryrequirements for more information and subject-specific requirements.

**Entry requirements for faster route**

- **A-levels**: AAA, including A in Computing. Also Mathematics at Grade B.
- **Advanced Highers**: AAA, including A in Computing. Also Mathematics at Grade B.
- **Glasgow International College**: For international students, entry to this programme is supported by GIC. See page 30.

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**What to expect**

**Year 1**

You will take a course that emphasises the principles of programming and a course on computing fundamentals.

**Year 2**

You will study Java programming, object-oriented software engineering, data structures and algorithms, algorithmic foundations, computer systems and web application development.

You will also study other subjects in years 1 and 2 – see page 32 for details.

**Years 3, 4 and 5**

If you progress to Honours (years 3 and 4), you will study courses which present a practical, design-oriented approach to computing. These courses cover software engineering itself and related topics such as databases, software project management and real-time systems. You will also take a particular set of courses in your final year.

Practical work is an essential part of the degree programme and in third year you will take part in a software engineering team project.

You will have a 10-week, paid industrial internship at a technology company at the end of year 3. This placement provides key insights into professional software development, allowing you to apply your skills in the real world.

Fourth-year individual projects have a software engineering focus. These practical projects carry considerable weight in the final assessment.

Software Engineering can be taken as an MSci, which includes an additional year.

**Faster route**

If you have exceptional grades it is possible to follow a faster route, which allows you to complete a standard BSc (Hons) or MSci degree in one year less than usual, by being exempted from most of the first-year computing science material.

**Our international links**

You will have the opportunity to apply to study abroad. There are currently two options available: the Erasmus + Programme and the International Exchange Programme.

**Career prospects**

University of Glasgow Software Engineering students are in demand across all sectors of the industry. Recent graduates work in sectors like media (BBC), financial services (Goldman Sachs, J P Morgan), gaming (Spil) and enterprise (HP). Some students have formed their own startup companies, with support from the University entrepreneurship team.

**Accreditation**

Honours graduates are eligible for membership of the British Computer Society and, after relevant work experience, they can apply to become full Chartered IT Professionals (CITP) and partial Chartered Scientists (CSci)/Chartered Engineers (CEng). MSci graduates are eligible for full CITP and partial CSci. Honours degrees hold the Euro-Inf Bachelor Quality label. MSci degrees hold the Euro-Inf Master Quality Label.

**Why choose Glasgow?**

The Student Tech Society at Glasgow organises regular hackathons and other coding events, bringing together students, staff and industrial software developers to solve exciting problems.

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**What to work on**

- **Degree and UCAS code**
  - MA (Hons) (R410): Five years
  - Joint Honours available: see page 172.
- **Entry requirements at a glance**
  - **A-levels**: Standard entry AAB. Minimum entry BBB.
  - **Highers**: Standard entry AAAA/AAABB at S5/S6. Minimum entry AABB.
  - *Adjusted entry from AAAA/AAABB at S5/S6, see page 147 for eligibility.
- **International Baccalaureate**: Standard entry 36 points. Minimum entry 34 points.
- **Entry requirements in full**
  - See page 156 or visit glasgow.ac.uk/ug/entryrequirements for more information and subject-specific requirements.

**Programme structure**

**Year 1**

The course you study in year 1 depends on how much Spanish you have studied before. If you have an SQA Higher or A-level in Spanish (grade A or B), you will take Spanish language and Spanish culture 1. This will build on your knowledge of Spanish and will encourage you to develop fluency in spoken and written Spanish through a course that focuses on the skills needed for everyday communication. You will also study some of the cultures of Spain and Latin America through a variety of topics, texts and films.

If you are a beginner or near-beginner, provided that you have some previous successful language learning experience, you can take the Level-1 beginners’ course, which will provide an intensive foundation in reading, writing and speaking Spanish. If you perform well on this course, you can progress to second year and beyond.

**Year 2**

The first-year language and culture course leads to Spanish 2, which extends and develops your linguistic skills and builds your knowledge of Spanish culture through the further study of literatures, cultures and societies of the Spanish-speaking world. Students progressing from the first-year beginners’ course normally study additional Level-1 cultural materials.

You will also study other subjects in years 1 and 2 – see page 32 for details.

Year 3 (year abroad)

If you progress to Honours it is essential that you spend your third year abroad, usually as a language assistant in Spain or Latin America on a placement arranged through the British Council, or as a student at a university in a Spanish-speaking country, which can include Spanish America.

We can provide support with arranging a placement with an exchange programme or other foreign placement of your choice.

**Can you choose MSci?**

You can choose an MSci degree in the following subjects:

- **BSc (Hons)**
  - European Languages with Spanish
  - French
  - German
  - Italian
  - Modern History
  - Modern Music
  - Modern Politics
  - Modern and Contemporary History
  - Modern and Contemporary Politics
  - Modern and Contemporary Studies
  - Modern and Contemporary Music
  - Modern and Contemporary Languages

**Why choose Glasgow?**

Staff at Glasgow cover a wide range of topics and you will have the opportunity to work with native speakers from different parts of the Spanish-speaking world.

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Modern Languages

**SPANISH**

Spanish is the second most widely spoken language in the world and is an official language in more than 20 countries.
What you will need

Degrees and UCAS codes
BSc (Hons) (G300): Four years
MSci (G302): Five years

Entry requirements at a glance
A-levels:
Standard entry AAB
Minimum entry AABB

Higher:
Standard entry AAAA/AAABB at S5.
Minimum entry ABBB.

International Baccalaureate:
Minimum entry BBB.
Standard entry AAB.

What to expect

Programme structure
Year 1
You will take courses covering topics in probability and introductory statistical methods, with examples and case-studies illustrating how statistics is used in practice in the real world.

Year 2
You will take four courses covering topics in statistical methods and probability, introducing the ideas of likelihood and regression modelling.

You will also study other subjects in years 1 and 2 – see page 32 for details.

Years 3, 4 and 5
If you proceed to Honours (years 3 and 4) you will gain an imaginative mix of theoretical and practical training, which involves project planning, report writing and the development of presentation skills. General topics covered across courses include probability, modelling, design, inference, computational inference, sampling and databases, and a range of applications including biostatistics, environmental statistics and financial statistics.

You will also complete case studies and projects on topics which may be drawn from the fields of biostatistics, environmental studies, medicine, psychology, sports science and veterinary science.

One important feature of project activities is a presentation. You will give a talk or produce a poster describing your project problem, your analysis and results. This, along with writing a report in non-technical language, provides you with two important transferable skills. You will also gain experience in teamwork through working in groups and you will learn to use statistical packages as well as gaining appreciation of the use and misuse of computers and computer software in statistics.

There is also an opportunity to take an MSci degree over five years, which explores statistics topics in greater depth and includes an individually supervised research project.

Our international links
You will have the opportunity to apply to study abroad. There are currently two options available: the Erasmus+ Programme and the International Exchange Programme.

Career prospects
Our graduates have statistical, computational, numerate and presentation skills which are applicable in many fields such as medicine, education, transport, agriculture, environment, engineering and economics.

Our graduates are employed in a variety of posts such as quality engineer, actuary, accountant, credit risk analyst, clinical statistician, statistician, statistical programmer, teacher and operational researcher. Others go on to undertake postgraduate degrees.

Accreditation
The Royal Statistical Society accredits our Single Honours degree and most Joint ones.

Why choose Glasgow?
94% BSc Statistics students thought staff were good at explaining things.1

What you will need

Degrees and UCAS codes
MEduc (4Q21): Five years

After four years, you will be qualified to teach. At that stage you can choose how to complete your remaining Masters credits.

Entry requirements at a glance

A level
Standard entry AAB
Minimum entry AABB

Higher
Standard entry AAAA/AAABB at S5.
Minimum entry ABBB.

International Baccalaureate:
Minimum entry BBB.
Standard entry AAB.

Entry requirements in full
See page 158 or visit glasgow.ac.uk/ug/entryrequirements for more information and subject-specific requirements.

Glasgow International College
For international students entry to this programme is supported by courses from GIC. See page 30.

What to expect

Programme structure
Year 1
You will study the role of education within society and the nature of learning within the primary curriculum, and you will choose a course of study for a period of two years from the School of Social & Political Sciences: Sociology, Politics, or Social & Public Policy.

If you intend to follow the Catholic Teacher’s Certificate in Religious Education, the University’s School of Education offers you the opportunity to study Theology.

Year 2
You will build on the knowledge and skills gained in year 1 of the MEduc, following a similar pattern of courses but offering different learning contexts and new challenges.

Year 3
You will expand upon your understanding of teaching and its connection with theory, your knowledge and understanding of the primary curriculum and your ability to reflect and improve on your own practice. You will also begin to enquire systematically into your own practice and choose an area of study from a number of electives.

Year 4
You will develop and link the ideas of how education impacts on society, what the most effective practices within the classroom are, and how you can ensure into your own teaching and improve it by using evidence-based approaches. You will be able to take another elective in this year.

Special Glasgow feature
This is a Masters degree qualification with undergraduate entry. You will graduate after year 4 qualified to teach with a Masters Diploma in Education (a higher qualification than a BEd degree). At any stage in the subsequent five years you will be able to complete the remaining credits in fulfilment of your Masters degree. This can be done on a part-time basis while in full-time work as a teacher. Studies will continue to blend theoretical and research approaches with classroom practice.

Students who do not wish to proceed to Masters will have the option of qualifying after four years of study with an MA (Hons) in Education with Teaching Qualification (Primary).

Our international links
In your third year of study you may be able to apply to study abroad, either for a short visit (eg three weeks) or for a longer period (eg one semester or a year). At present, students in the School of Education enjoy opportunities to study in the USA, Australia and various locations across Europe.

Disclosure Scotland
If you are accepted to a teaching degree you must undertake a Criminal Convictions check prior to enrolment. It is your responsibility to pay for the check. Details will be sent to you.

Accreditation
This programme leads to registration with the General Teaching Council for Scotland.

Why choose Glasgow?
This programme offers you the opportunity to graduate with an MA (Hons) in Education with Teaching Qualification after four years of study or to progress to a Masters degree, where your fifth year of study will be undertaken once you have qualified as a teacher.

Why choose Glasgow?
99% Initial Teacher Training students in work/study six months after finishing2

1 Data published by Undetected (Tampere, Finland) for January 2017
2 Data published by Undetected (Tampere, Finland) for January 2017
TEACHING: PRIMARY EDUCATION WITH TEACHING QUALIFICATION

This innovative, four-year degree programme, approved by the General Teaching Council for Scotland, is benchmarked against the highest standards of excellence.

What you will need
Degree and UCAS code
MA (Hons) (X123): Four years
Minimum entry 32 points
Entry requirements at a glance
A-levels: Standard entry BBB. Minimum entry CCC
Higher: Standard entry AAB/ABB at 56.
No minimum entry.
International Baccalaureate: Standard entry 30 points.
Minimum entry 30 points.
Entry requirements in full
See page 109 or visit glasgow.ac.uk/ug/entryrequirements for more information and subject-specific requirements.

What to expect
Programme structure
This programme includes a substantial element of well-supported teaching experience. You will complete four school placements, all of which are designed to give you a sound background teaching in our local schools. In years 1 – 3 these are six weeks in duration and in year 4 you will have a ten-week placement, during which you will take full responsibility for a class for at least four weeks. Placements cover all stages of the primary school and each placement has a relevant focus in specific curricular areas.

Year 1
Core areas include child development, literacy, school experience, and mathematics: theory and pedagogy. You can also choose from courses in disciplines such as health and social policy, modern languages, environmental studies, history, literature and philosophy. This gives you the opportunity to add breadth to your degree in subjects relevant to the primary curriculum. There is a six-week school placement during May and June.

Year 2
Child development, mathematics, school experience and literacy are progressed from year 1. You can choose further courses from our range of elective subjects. There is a six-week school placement during May and June.

Year 3
Language and literacy, school experience and mathematics continue as core courses, with teachers and teaching, curriculum and assessment being introduced. You will continue your studies in one elective area. There is one six-week placement in semester 2.

Year 4
You will explore further core courses at Honours level, including your dissertation which gives you the opportunity to research an area of education which interests you personally. There is a ten-week school placement in semester 2.

Our international links
There is an optional international school placement in years 3 and 4, currently in Berlin. You may also be able to apply to study abroad in year 2.

Career prospects
This qualification is internationally recognised as a teaching qualification. The General Teaching Council for Scotland provides an Initial Teacher Education Programme for those who are eligible. There are also opportunities for career progression in leadership and management, specialist subjects and further study or research. Students may exit after year 3 with an MA in Educational Studies. This is not a teaching qualification but provides a good background for other careers in education and related areas.

Accreditation
This programme leads to registration with the General Teaching Council for Scotland.

Why choose Dumfries?
At our Dumfries campus you will benefit from small group teaching, strong links with local schools, innovative teaching methods and a friendly and inclusive academic community.

TEACHING: RELIGIOUS & PHILOSOPHICAL EDUCATION

This degree programme will qualify you to teach religious education, theology, religious, moral and philosophical studies, or religious studies in secondary schools.

What you will need
Degree and UCAS code
MA (Hons) (VX61): Four years
Minimum entry ABBB.
Standard entry AAAB at S5.*
Highers:
Minimum entry AABBB.
Minimum entry 55.
*Adjust your entry to AABBB at S5. See page 108 for eligibility.

Our international links
There is a strong demand for entrants to the teaching profession in secondary schools in Scotland and elsewhere, suitably qualified in Religious & Philosophical Education.

Career prospects
There is a strong demand for entrants to the teaching profession in secondary schools in Scotland and elsewhere, suitably qualified in Religious & Philosophical Education.

Accreditation
This programme leads to registration with the General Teaching Council for Scotland.

Why choose Glasgow?
This programme will be of benefit if you are involved in the development of new school and college programmes in philosophical studies.

Support
Catholic students who complete the appropriate course in Religious Education will be awarded the Catholic Teacher’s Certificate in Religious Education.

In keeping with Scottish Education policy, students on this programme may have an opportunity to study courses within their undergraduate degree which are at Masters level.

glasgow.ac.uk/ug/primaryeducationtq admissions-dumfries@glasgow.ac.uk
glasgow.ac.uk/ug/religiousphilosophicaleducation education-admissions@glasgow.ac.uk

* Data published by Unistats (unistats.direct.gov.uk). January 2017
TEACHING: TECHNOLOGICAL EDUCATION

This degree programme qualifies you to teach technology craft, graphic communication, design and manufacture, and engineering science in all secondary schools.

What you will need
- Degrees and UCAS codes: BTEC ED(H11); Four years
- Entry requirements at a glance
  - A-levels: Standard entry AAAB; Minimum entry BBB.
  - Hig: Standard entry AAAB at S5. * Minimum entry ABBB.
  - * Advanced entry from AAAB at SS, see page 153 for eligibility.
- International Baccalaureate: Standard entry 36 points.
- Minimum entry 32 points.
- Entry requirements in full
  - See page 149 or visit glasgow.ac.uk/ug/entryrequirements for more information and subject-specific requirements.
- Interview policy
  - As part of our selection process you will be interviewed. Interviews normally begin in mid-December and will run until February.
- Disclosure Scotland
  - If you are accepted to a teaching degree you must undertake a Criminal Convictions check prior to enrolment. It is your responsibility to pay for the check. Details will be sent to you.

What to expect
- Programme structure
  - You will study how children learn, as well as appropriate technological subjects such as electronics, design, mechanics, materials, energy and graphics. You will also study practical, project-based subjects so that you can successfully deliver the range of vocational courses encompassed by technological education. You will experience school placement throughout the programme and there will be a placement within industry or commerce during the third year of study.
  - Years 1 and 2
    - You will study technology craft, design, graphics, electronics, mechanics and mathematics. In addition, there will be a focus on learning theory and teaching.
  - Years 3 and 4
    - In years 3 and 4 you will further develop your skills across a broad range of technological courses by exploring themes such as technology and society, materials and sustainable resources. In year 4, you are able to select an elective study and sustainable resources. In year 4, you are able to select an elective study and sustainable resources. In year 4, you are able to select an elective study and sustainable resources. In year 4, you are able to select an elective study and sustainable resources.
- Partnership and industry links
  - Our students benefit from a range of local partnerships in industry and commerce. There will be an industrial placement during the third year of study.
- Career prospects
  - Our graduates have an excellent record of finding employment as secondary school technology teachers and college lecturers. Our graduates are guaranteed one year as a probationary teacher upon graduation and can then begin to make your way through the various levels of promotion with schools. A number of our graduates go on to funded postgraduate research, usually working towards a PhD in a topic relevant to their role as educators.
- Accreditation
  - This programme leads to registration with the General Teaching Council for Scotland.

Why choose Glasgow?
- Your teaching qualification is recognised abroad and many of our graduates have taught in a wide range of places such as Australia, New Zealand and North America.
- You will also study other subjects in years 1 and 2 – see page 153 for details.
- Special Glasgow feature
  - In keeping with Scottish Education policy, it is envisaged that students on this programme may have an opportunity to study courses within their undergraduate degree which are at Masters level.

THEATRE STUDIES

This degree programme examines the nature and function of the theatrical event and theatre culture from critical, historical and practical perspectives.

What you will need
- Degrees and UCAS codes: MA (Hons) (W440); Four years
- Entry requirements at a glance
  - A-levels: Standard entry AAAB; Minimum entry BBB.
  - Hig: Standard entry AAAB at S5. * Minimum entry ABBB.
  - * Advanced entry from AAAB at SS, see page 154 for eligibility.
- International Baccalaureate: Standard entry 36 points.
- Minimum entry 34 points.
- Entry requirements in full
  - See page 149 or visit glasgow.ac.uk/ug/entryrequirements for more information and subject-specific requirements.
- Interview policy
  - As part of our selection process you will be interviewed. Interviews normally begin in mid-December and will run until February.
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    - You will study technology craft, design, graphics, electronics, mechanics and mathematics. In addition, there will be a focus on learning theory and teaching.
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    - In years 3 and 4 you will further develop your skills across a broad range of technological courses by exploring themes such as technology and society, materials and sustainable resources. In year 4, you are able to select an elective study and sustainable resources. In year 4, you are able to select an elective study and sustainable resources. In year 4, you are able to select an elective study and sustainable resources.
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- Career prospects
  - Our graduates have an excellent record of finding employment as secondary school technology teachers and college lecturers. Our graduates are guaranteed one year as a probationary teacher upon graduation and can then begin to make your way through the various levels of promotion with schools. A number of our graduates go on to funded postgraduate research, usually working towards a PhD in a topic relevant to their role as educators.
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- You will also study other subjects in years 1 and 2 – see page 153 for details.
- Special Glasgow feature
  - In keeping with Scottish Education policy, it is envisaged that students on this programme may have an opportunity to study courses within their undergraduate degree which are at Masters level.

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- Entry requirements at a glance
  - A-levels: Standard entry AAAB; Minimum entry BBB.
  - Hig: Standard entry AAAB at S5. * Minimum entry ABBB.
  - * Advanced entry from AAAB at SS, see page 154 for eligibility.
- International Baccalaureate: Standard entry 36 points.
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- You will also study other subjects in years 1 and 2 – see page 153 for details.
- Special Glasgow feature
  - In keeping with Scottish Education policy, it is envisaged that students on this programme may have an opportunity to study courses within their undergraduate degree which are at Masters level.
THEOLOGY & RELIGIOUS STUDIES

Theology & Religious Studies encompasses the study of religion, religions, the Bible and theology – not as worlds apart, but as they relate to politics, history, literature, philosophy, art and culture as well as to personal belief and practice. It is open to students of all faiths and none.

Why choose Glasgow?
Our staff have a wide range of specialties which will help you to understand world religions – including Judaism, Christianity, Islam, Buddhism and Hinduism – in their cultural, political and intellectual context.

How do we think and speak about God?

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How do we think and speak about God?

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How do we think and speak about God?
In year 4 of Veterinary Biosciences, you will have the opportunity to engage in a lab-based research project.

93% Veterinary Biosciences students were satisfied overall†

† Data published by Unistats (unistats.direct.gov.uk). January 2017

Veterinary biosciences is a biological sciences programme designed to provide students with a strong understanding of the key elements that underpin all modern biological sciences, with a major focus on the biology of health and disease in animals.

What will you need

Degrees and UCAS codes
BSc (Hons) (D300): Four years
MSci: Five years

You may apply for transfer to the MSci mid-programme. MSci applications are NOT taken via UCAS.

Entry requirements at a glance
A-levels:
ABB at one sitting – Chemistry and Biology, plus one additional subject.

Highers:
ABB at one sitting, including Chemistry and Biology, with either Physics or Mathematics, together with two Advanced Highers, one of which should be Chemistry or Biology (at grades CC).

It is acceptable to take Chemistry or Biology as a crash Higher in S6 provided grades ABBB are obtained in S5.

International Baccalaureate:
Standard entry 36 points. Minimum entry 34 points with Chemistry and Biology, one of which must be at Higher Level (Grade 5) plus Mathematics or Physics at Standard Level (Grade 5).

Entry requirements in full
See page 160 or visit glasgow.ac.uk/ug/entryrequirements for more information and subject-specific requirements.

What can you expect

Programme structure
In this programme you will learn about the science that underpins the biology of animal health and disease. You will develop a range of core transferable skills as well as research skills including laboratory-based investigations, statistics, data handling and effective scientific communication and you will also get the opportunity to conduct independent research.

Year 1
In the first year of the programme you will study a range of subjects including animal anatomy and physiology as well as chemistry and biology. These courses will ensure you are equipped with a solid foundation and skills base for subsequent years of study.

Year 2
In the second year you will study principles of animal management and engage in more specialised bioscience modules including advanced physiology and molecular sciences, and you will receive training in basic research skills.

Year 3
In year 3 you will focus on studying the pathological basis of disease and oncogenesis, the principles of infection and immunity, pharmacology and drug dispensing and the biology of pain and pain management.

Year 4
In the final year of the Honours programme you will develop advanced research and quantitative skills and study population medicine, epidemiology and animal welfare and ethics. You will also have the opportunity to engage in a research project in laboratories in the School of Veterinary Medicine or in approved internal and external institutions.

MSci
Our programme also offers you the opportunity to undertake a placement year as part of a five-year MSci programme in Veterinary Biosciences. This allows students to engage in research in industry or other research organisations in the UK or abroad for a full academic year. This offers an excellent opportunity to gain further research skills and exposure to a workplace environment. The placement year normally happens after year 3, and on completion students follow courses as specified in Year 4.

Career prospects
The specialist and applied nature of the programme will prepare you for a diverse range of careers including those in biomedical sciences, animal care, nutrition, public health, scientific and agricultural research, the pharmaceutical industry, the civil service, animal charities, epidemiology and disease risk assessment, and advisory and conservation bodies. The programme may also provide a suitable platform for students wishing to undertake a postgraduate degree.

While this programme does not provide recognised training for those wishing to practise as a veterinary surgeon, some students choose to study Veterinary Biosciences prior to entering a veterinary medicine degree programme.

Why choose Glasgow?
The programme is taught and delivered by leading expert life scientists and veterinary clinicians. The School of Veterinary Medicine was ranked in the world’s top 20 (QS World University Rankings 2016) and one of the best in the UK for quality of veterinary research (REF 2014).
As a vet you will be responsible for the prevention of disease and for the medical and surgical treatment of animals, including household pets, zoo animals, farm animals and horses.

What you will need

Degree and UCAS code
BVMS (D100): Five years

Entry requirements at a glance
A-levels: Standard entry A/AA.
Highers: Standard entry AAAAA (including Chemistry and Biology) by the end of S5 AND Advanced Highers in Chemistry and Biology from S6 (both at Grade B minimum).*

* A deferred entry from AAAAB at S5, see page 148 for eligibility.

International Baccalaureate: Standard entry 38 points.

Entry requirements in full
See page 161 or visit glasgow.ac.uk/ug/entryrequirements for more information and subject-specific requirements.

Applying
All applications must be received by UCAS by 15 October. If applying to the BVMS programme you must limit your choice to four veterinary schools only. If you apply to more than four veterinary schools, your application will not be considered.

Interviews
Candidates seriously considered for admission to the BVMS will normally be interviewed before a final decision is reached. Members of the Admissions Committee conduct these interviews between December and February each year.

Garscube campus
Our Veterinary Medicine students are based at our Garscube campus.

What to expect

Programme structure
The BVMS programme is based on integration of clinical and science subject areas and has a spiral course structure, meaning that you will revisit topics as you progress through the programme, each time with increasing clinical focus. In conjunction, there is a vertical theme of professional and clinical skills development to help you acquire the personal qualities and skills you will need in professional environments.

The programme is delivered over five years and is divided into three phases.

Foundation phase (years 1 and 2)
In the first two years of the programme you will acquire fundamental knowledge and develop the skills and attitudes on which the following years of your training are based. During this initial phase, you will relate the anatomy and physiology of the body systems to health and disease in domestic animals, as well as looking at the underlying cellular process involved. You will gain an insight into common husbandry practice and animal breeding and how these impact on the animals we care for. Your professional training starts at the beginning of year 1 as you begin classes in fundamental animal handling techniques, learn skills such as suturing, and develop your communication skills, culminating in the art of history taking and clinical examination.

At the end of the foundation phase you will have a sound working knowledge of healthy domestic animals, with an introduction to the mechanisms of disease, and you will have developed the fundamental personal skills you will require as you move towards learning based more in professional environments.

Clinical phase (years 3 and 4)
The aim of the clinical phase is to build on the foundation phase to provide a broad training in key areas of veterinary professional practice, with a focus on common and important problems and presentations encountered in veterinary work. Realistic scenarios and cases form the basis for integrating clinical and scientific perspectives of veterinary practice. The approach will emphasise the role of clinical reasoning and planning, as well as continuing to develop skills and attitudes required to work in the clinical environment and to take a greater responsibility for your learning in the subsequent professional phase of the programme.

At the end of the clinical phase you will be prepared for entering the professional phase, where your professional development will be supported in professional and clinical environments in the final part of your development to being a veterinary professional.

Professional phase (year 5)
In your final year there are no lectures and the primary emphasis is on small-group involvement in clinical activity, covering the common species of domestic animals. During this time you will be involved in all aspects of work in our busy hospitals and you will also gain first-hand experience in practices linked to the veterinary school. Though this year of the programme is structured so that you will receive clinical experience in core clinical areas, there is also the opportunity to focus on personal interests or explore the breadth of opportunities in the veterinary profession by choosing two ‘selective’ experiences. Selectives may be used to gain experience in niche veterinary activities (such as aquaculture) or to gain in-depth clinical experience related to core subjects.

Special features
In common with all veterinary students in the UK you will be required to undertake an additional 38 weeks of extra-mural studies (EMS) during your vacation time. The first period of 12 weeks is dedicated to gaining further experience of the management and handling of domestic animals. After this initial period is completed you start the clinical period of 26 weeks, which can be used to gain experience in veterinary professional environments. Satisfactory completion of EMS is a requirement for graduation.

The intercalated degree programme represents an opportunity for BVMS students following their second or third year to take either one or two years out of the BVMS programme and study for an additional degree programme (both at Bachelors – BSc; BSc Vet Sci (Hons) – and Masters levels – MSc, MRes or MPVH), after which you then re-enter the BVMS programme.

Our international links
Study abroad opportunities are available in all years through participation in compulsory extra-mural studies (see special features). There are also opportunities to study abroad as an integral part of the BVMS programme in year 5.
We have approved status from the American Veterinary Medical Association (AVMA), which enables you to have the option of practising in the USA or Canada following graduation, without the need for sitting lengthy and costly clinical proficiency examinations.

Career prospects
As a graduate of Veterinary Medicine at Glasgow, you can register as a member of the Royal College of Veterinary Surgeons (MRCVS). Along with the University’s approval by the AVMA, this means that our graduates can choose to work anywhere in the world, and the global opportunities are endless. The majority of registered veterinary surgeons in the United Kingdom are in general practice, which may be small animal, farm animal, equine or mixed. Our graduates are also employed in government service, dealing with investigation, control and eradication of important diseases. Others are actively engaged in food hygiene or in university teaching and research.

Accreditation
We are accredited by the Royal College of Veterinary Surgeons and the European Association of Establishments for Veterinary Education. We have approved status from the American Veterinary Medical Association (see Our international links).

Why choose Glasgow?
The University is one of six Vet Schools in Europe to have achieved accredited status for its undergraduate programmes from the American Veterinary Medical Association.

Data published by Unistats (available at www.unistats.co.uk) January 2017
VIROLOGY

Virology is the study of viruses and viral diseases. Viruses are both disease agents and model systems, meaning that virology continues to be at the centre of modern biomedical research.

What you will need

Degree and UCAS code
BSc (Hons) (C540): Four years
MSci Five years
You may apply for transfer to the MSci mid-programme. MSci applications are NOT taken via UCAS.

Entry requirements at a glance

A-levels:
Standard entry AAB. Minimum entry BBB.

Highers:
Standard entry AAAA/AAABB at SS6, see page 149 for eligibility.

International Baccalaureate:
Standard entry 36 points. Minimum entry 34 points.

Entry requirements in full

See page 156 or visit glasgow.ac.uk/ug/entryrequirements for more information and subject-specific requirements.

Glasgow International College
For international students entry to this programme is supported by courses from GIC. See page 30.

What to expect

Year 1
You will be given a general introduction to all aspects of modern biology and encouraged to acquire a strong foundation of scientific, analytical and computing skills.

Year 2
In semester 1, you will develop your knowledge of fundamental aspects of biology. In semester 2, you will be introduced to specialist subject areas according to your interests (e.g. animal biology; biomolecular sciences; human biology; infection biology).

You will also study other subjects in years 1 and 2 – see page 32 for details.

Years 3, 4 and 5
If you progress to Honours (years 3 and 4) you will learn about many aspects of viruses with particular emphasis on prevention, treatment and pathogenicity of virus-related diseases and their practical uses in oncology and gene therapies. In year 3 you will study the biochemistry and molecular biology of a range of viruses, bacteria and parasites and their associated diseases, and the host and immune responses, treatments and vaccines. Year 3 is run as a joint course with the Microbiology and Parasitology degree programmes. In year 4 you will choose from a range of specialised advanced courses. You will undertake an independent research project under the supervision of a member of teaching or research staff, mainly within the University’s renowned Centre for Virus Research. Within taught sessions you will work as part of a team to learn and understand scientific issues and analysis.

Virology can be taken as an MSci, which includes an additional placement year between year 3 and the final year of the degree. This is normally spent doing research in industry or some other organisation, such as a research institute, in the UK or overseas, and often attracts a modest salary.

The list of available final-year optional courses is subject to change each year. In addition, places in optional courses may be limited, so students are not guaranteed a place on a particular final-year option.

Our international links
You will have the opportunity to apply to study abroad. There are currently two options available: the Erasmus+ Programme and the International Exchange Programme.

Career prospects
Our graduates are employed in education and in pharmaceutical and microbiology-related industries as well as public health, hospital and research laboratories. This is all as a result of the varied skills and attributes they have mastered in completing their degree in Virology. In addition, many graduates continue their education to Masters or PhD level, progressing to successful research and teaching careers.

Why choose Glasgow?
You’ll receive practical training in aspects of epidemiology at the Marine Biology Station at Millport in the Firth of Clyde.

90% Virology students were satisfied overall†

92% Zoology students thought staff were good at explaining things †

ZOOLOGY

Zoology is the scientific study of all aspects of animals, their structure, function, ecology and evolution.

What you will need

Degrees and UCAS codes
BSc (Hons) (C300): Four years
MSci: Five years
You may apply for transfer to the MSci mid-programme. MSci applications are NOT taken via UCAS.

Entry requirements at a glance

A-levels:
Standard entry AAB. Minimum entry BBB.

Highers:
Standard entry AAAA/AAABB at SS6, see page 149 for eligibility.

International Baccalaureate:
Standard entry 36 points. Minimum entry 34 points.

Entry requirements in full

See page 156 or visit glasgow.ac.uk/ug/entryrequirements for more information and subject-specific requirements.

Glasgow International College
For international students entry to this programme is supported by courses from GIC. See page 30.

What to expect

Year 1
You will be given a general introduction to all aspects of modern biology and encouraged to acquire a strong foundation of scientific, analytical and computing skills.

Year 2
In semester 1, you will develop your knowledge of fundamental aspects of biology. In semester 2, you will be introduced to specialist subject areas according to your interests (e.g. animal biology; biomolecular sciences; human biology; infection biology).

You will also study other subjects in years 1 and 2 – see page 32 for details.

Years 3, 4 and 5
If you progress to Honours (years 3 and 4) you will learn about many aspects of viruses with particular emphasis on prevention, treatment and pathogenicity of virus-related diseases and their practical uses in oncology and gene therapies. In year 3 you will study the biochemistry and molecular biology of a range of viruses, bacteria and parasites and their associated diseases, and the host and immune responses, treatments and vaccines. Year 3 is run as a joint course with the Microbiology and Parasitology degree programmes. In year 4 you will choose from a range of specialised advanced courses. You will undertake an independent research project. This is normally spent doing research in industry or some other organisation such as a research institute in the UK or overseas. The list of available final-year optional courses is subject to change each year. In addition, places in optional courses may be limited, so students are not guaranteed a place on a particular final-year option.

Our international links
Research projects may be undertaken on a wide range of topics in a variety of international locations: recent examples include marine turtle breeding in Cyprus and tree frog behaviour in Trinidad. You may also have the opportunity to take an optional overseas field course.

Career prospects
Our graduates are employed in research underpinning medicine, agriculture, fisheries and wildlife conservation. An increasing number of graduates also go into environmental monitoring. Others find careers in teaching in a variety of educational establishments, in museums and in the media.

Our international links
Research projects may be undertaken on a wide range of topics in a variety of international locations: recent examples include marine turtle breeding in Cyprus and tree frog behaviour in Trinidad. You may also have the opportunity to take an optional overseas field course.

Career prospects
Our graduates are employed in research underpinning medicine, agriculture, fisheries and wildlife conservation. An increasing number of graduates also go into environmental monitoring. Others find careers in teaching in a variety of educational establishments, in museums and in the media.

Why choose Glasgow?
You’ll take part in field courses on Loch Lomond and at the Marine Biology Station at Millport in the Firth of Clyde.
ENTRY REQUIREMENTS

The following tables give the entry requirements for SQA Higher and Advanced Higher, A-level and International Baccalaureate (IB) candidates.

Other Academic Entry requirements:

- Entry requirements for HNC/D, BTEC and EU students can be found at glasgow.ac.uk/undergraduate/entryrequirements
- SQA Higher
  - Our entry requirements for students undertaking SQA National 5/Higher/Advanced Higher qualifications can be found in the following tables.
  - The standard academic entry requirements represent the grades which, if attained in addition to successfully meeting mandatory subject requirements, and any non-academic entry requirements (interviews, auditions, aptitude tests), will normally result in an offer being made. Students must achieve the standard entry requirements in first sitting (by end of S5).
  - We adjust the standard academic and non-academic entry requirements at both S5 and S6 for eligible applicants who complete one of our pre-entry programmes. Criteria for eligibility include attending a Scottish target secondary school, living in a priority Scottish postcode, are currently living or have spent time living in care. For more information about your eligibility and our pre-entry programmes, visit glasgow.ac.uk/accessglasgow
  - The minimum academic entry requirements indicate the minimum grades that the university will accept for entry to this programme. Students must also meet mandatory subject requirements and any non-academic entry requirements (interviews, auditions, aptitude tests).
  - The minimum academic entry requirements indicate the minimum grades the university will accept for entry to this programme. Students must also meet mandatory subject requirements and any non-academic entry requirements (interviews, auditions, aptitude tests).
  - For more information on our A-Level admissions requirements please visit glasgow.ac.uk/undergraduate/entryrequirements#a-levels
  - For more information on our IB admissions requirements please visit glasgow.ac.uk/undergraduate/entryrequirements#internationalbaccalaureate

Accountancy & Finance BAcc
+ Accounting & Mathematics, Accounting & Statistics, Finance & Mathematics and Finance & Statistics BSc

<table>
<thead>
<tr>
<th>Qualification</th>
<th>Standard academic entry requirements</th>
<th>Minimum academic entry requirements</th>
<th>Other mandatory requirements</th>
</tr>
</thead>
<tbody>
<tr>
<td>A-levels</td>
<td>AAA or A*AB</td>
<td>ABB</td>
<td>Must include A-level Mathematics AND GCSE English at grade B or above.</td>
</tr>
<tr>
<td>Highers</td>
<td>S5 entry requirement = AAAAB</td>
<td>S5 minimum requirement = ABBB</td>
<td>Must include Higher Mathematics AND Higher English OR a higher humanities subject at grade B or above.</td>
</tr>
<tr>
<td></td>
<td>S5 &amp; S6 cumulative requirement = AAAAB</td>
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<td></td>
</tr>
<tr>
<td>International</td>
<td>38 points</td>
<td>34 points</td>
<td>Three HL subjects at 6,6,6 including English preferred at HL6 but SL6 will also be considered. Mathematics Studies is NOT accepted where Mathematics is required.</td>
</tr>
<tr>
<td>Baccalaureate</td>
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Arts/Modern Languages MA, BD, BD(Min) except Psychology

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<tr>
<th>Qualification</th>
<th>Standard academic entry requirements</th>
<th>Minimum academic entry requirements</th>
<th>Other mandatory requirements</th>
</tr>
</thead>
<tbody>
<tr>
<td>A-levels</td>
<td>AAB</td>
<td>BBB</td>
<td>One A-level arts, humanities or language subject. Applicants wishing to study Mathematics or Computing Science as part of their degree will require A-level Mathematics at grade B or above.</td>
</tr>
<tr>
<td>Highers</td>
<td>S5 entry requirement = AAAA or AAAB</td>
<td>S5 minimum requirement = ABBB</td>
<td>Higher English AND a higher humanities OR language subject at grade A/B or S/A. Applicants wishing to study Mathematics or Computing Science as part of their degree will require Higher Mathematics at grade B or above.</td>
</tr>
<tr>
<td></td>
<td>S5 &amp; S6 cumulative requirement = AAAAB</td>
<td></td>
<td></td>
</tr>
<tr>
<td>International</td>
<td>36 points</td>
<td>34 points</td>
<td>Must include three HL subjects at 6,6,6 including English AND a humanities subject (or language). While HLB is preferred for English and Humanities/Language subjects, SL6 will be considered for ONE of the subjects. Applicants wishing to study Mathematics or Computing Science as part of their degree will require Mathematics at HL6 or SL6. Mathematics Studies is NOT accepted where Mathematics is required.</td>
</tr>
<tr>
<td>Baccalaureate</td>
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</table>
Community Development BA

Applicants with no formal qualifications are encouraged to apply on the premise that they have extensive experience within a community development setting.

This is a work-based learning programme and therefore all applicants must have at least two days per week of paid or unpaid work in the broad field of community development.

**A-levels**
- CCC

**Highers**
- AAAB/ABB by the end of S6

**International Baccalaureate**
- 36 points

Offers will specify subjects and grades to be attained at Higher Level.

**Engineering MEng**

Applicants who achieve a minimum of AAAA or AABBB based at grade A.

**Engineering BEng**

Applicants who achieve a minimum of AAAA or AAABB both at grade A.

**Dentistry BDS**

*A-levels*  
Nothing specified.

**Highers**  
- AAAB by the end of S6 AND Advanced Higher Biology and/or Chemistry at grade B or better. (subject to meeting any entry requirements for eligible applicants to ANABB at S5, based upon completion of a pre-entry programme. See glasgow.ac.uk/access@glasgow for details.)

**International Baccalaureate**  
- 38 points

Applicants who achieve less than 37 points will be considered for the BEng.

**Engineering BEng**

Applicants who achieve a minimum of AAAA or AAABB both at grade A.

**Engineering MEng**

Applicants who achieve a minimum of AAAA or AAABB and Higher Mathematics at grade A/B or B/A. Entry from S5 will require applicants to have Higher Mathematics in S5 AND Higher Physics at grade A/B or B/A by the end of S6.

**A-levels**
- AAA

Applicants who achieve a minimum of AAAA or AAABB.

**Highers**
- S5 entry requirement = AAAA

Applicants who achieve a minimum of AAAA or AAABB at grade A.

**International Baccalaureate**
- 36 points

Applicants who achieve between AABB and AAAA MAY receive a conditional offer. Any conditional offer will require students to achieve a minimum of grade BB in two relevant Advanced Higher subjects.*
Environmental Science & Sustainability BSc (Dumfries campus)

<table>
<thead>
<tr>
<th>Qualification</th>
<th>Standard academic entry requirements</th>
<th>Minimum academic entry requirements</th>
<th>Other mandatory requirements</th>
</tr>
</thead>
<tbody>
<tr>
<td>A-levels</td>
<td>BBB</td>
<td>CCC</td>
<td>Preferably with one or two from Biology, Botany, Chemistry, Computing Studies, Environmental Science, Geography, Geology, Human Biology, Mathematics, Science (Double Syllabus), Statistics, Zoology.</td>
</tr>
<tr>
<td>Highers</td>
<td>BBBB by the end of S6.</td>
<td>None</td>
<td>Preferably with one or two from Biology, Biotechnology, Chemistry, Computing Studies, Geography, Geology, Human Biology, Information Systems, Managing Environmental Resources, Mathematics or Physics.</td>
</tr>
<tr>
<td>International Baccalaureate</td>
<td>30 points</td>
<td>28 points</td>
<td>Preferably including one or two science subjects.</td>
</tr>
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</table>

Law LLB

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<tr>
<th>Qualification</th>
<th>Standard academic entry requirements</th>
<th>Minimum academic entry requirements</th>
<th>Other mandatory requirements</th>
</tr>
</thead>
<tbody>
<tr>
<td>A-levels</td>
<td>AAA</td>
<td>N/A</td>
<td>A-level English OR GCSE English Literature and Language. UNAT (see below).</td>
</tr>
<tr>
<td>Highers</td>
<td>55 entry requirement = AAAA</td>
<td>N/A</td>
<td>S5 minimum requirement = AAABB</td>
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<tr>
<td></td>
<td>56 entry requirements = applicants</td>
<td>N/A</td>
<td>S6 minimum requirement = AAABB</td>
</tr>
<tr>
<td></td>
<td>who achieve between AAAAA and AABBB</td>
<td>N/A</td>
<td>55 will be asked to attain either Advanced Highers or a mix of Advanced Highers and Higher Highers – subject to a satisfactory UNAT score.</td>
</tr>
<tr>
<td></td>
<td>in S5 will be asked to attain either</td>
<td>N/A</td>
<td>Higher English. UNAT (see below).</td>
</tr>
<tr>
<td></td>
<td>Advanced Highers or a mix of</td>
<td>N/A</td>
<td>Applicants who are made conditional offers based on S6 results are encouraged, where possible, to study Advanced Highers in arts/social science subjects.</td>
</tr>
<tr>
<td></td>
<td>Advanced Highers and Higher Highers</td>
<td>N/A</td>
<td></td>
</tr>
<tr>
<td></td>
<td>– subject to a satisfactory UNAT score.</td>
<td>N/A</td>
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</tr>
<tr>
<td>International Baccalaureate</td>
<td>38 points</td>
<td>34 points</td>
<td>English at H1. UNAT (see below).</td>
</tr>
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Graduate Entry

Applications to Law will be considered from graduates provided they have a minimum of 2.1 Honours degree or equivalent international degree.

Health and Social Policy MA (Dumfries campus)

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<thead>
<tr>
<th>Qualification</th>
<th>Standard academic entry requirements</th>
<th>Minimum academic entry requirements</th>
<th>Other mandatory requirements</th>
</tr>
</thead>
<tbody>
<tr>
<td>A-levels</td>
<td>BBB</td>
<td>CCC</td>
<td>None</td>
</tr>
<tr>
<td>Highers</td>
<td>BBBB by the end of S6.</td>
<td>None</td>
<td>None</td>
</tr>
<tr>
<td>International Baccalaureate</td>
<td>30 points</td>
<td>28 points</td>
<td>None</td>
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</table>

HNC Social Science or Social Care

A pass with an A in the graded unit is required to be considered for direct entry to year 2. Success at interview and attendance at a short summer course is also required. A pass with a B in the graded unit allows entry to year 1.

Law National Admissions Test (UNAT): Applicants to all LLB degrees who do not already hold an undergraduate degree are required to take the UNAT testing by 20 January 2018. The UNAT is run by a consortium of UK universities and comprises a two-hour on-screen test made up of multiple choice (80 minutes) and essay questions (40 minutes). It is designed to assess verbal reasoning skills and command of written English. The test can be taken by applicants at centres throughout the UK and overseas. Information on how to sit the test can be found at www.lnat.ac.uk.

Medicine MBChB

<table>
<thead>
<tr>
<th>Qualification</th>
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<th>Minimum academic entry requirements</th>
<th>Other mandatory requirements</th>
</tr>
</thead>
<tbody>
<tr>
<td>A-levels</td>
<td>AAA</td>
<td>N/A</td>
<td>A-level Chemistry AND one of A-level Mathematics, Physics or Biology. All must be AAA in three A2 examinations at one sitting.</td>
</tr>
<tr>
<td>Highers</td>
<td>AAAAA or AAABBB by the end of S5.</td>
<td>N/A</td>
<td>General Studies and Critical Thinking are not acceptable as subjects.</td>
</tr>
<tr>
<td></td>
<td>AND EITHER</td>
<td></td>
<td>If Biology is not studied at A-level, it must have been taken at AS-level and a grade A is required.</td>
</tr>
<tr>
<td></td>
<td>Grade A and B in two Advanced Highers AND one additional Higher in Biology or above in S6. OR BB in three Advanced Highers in S6. All to be taken at the first sitting.</td>
<td></td>
<td>Biology and Human Biology are NOT considered as separate subjects at A-level.</td>
</tr>
<tr>
<td></td>
<td>OR</td>
<td>ND</td>
<td>Mathematics and Further Mathematics are NOT considered as separate subjects at A-level.</td>
</tr>
<tr>
<td></td>
<td>BB in three Advanced Highers in S6.</td>
<td>ND</td>
<td>GCSE English at grade B or above is required. UNCAT (see below). Interview (see below).</td>
</tr>
</tbody>
</table>

International Baccalaureate

38 points

Chemistry and Biology. Graduate applicants must also complete the UKCAT and may be invited for interview.

UKCAT: All applicants must complete the UK Clinical Aptitude Test (www.ukcat.ac.uk) by the deadline date in the same year as application. Information on how the UKCAT scores will be used in the admissions process is available at glasgow.ac.uk/medicine/has/hasadmissions/ukclinicalaptitudetest.html. Interview: You may be invited to attend an interview. Candidates receiving offers are those who not only achieve the academic standards required but who also show they have seriously considered the implications of a medical career and who display the characteristics desirable in a future doctor, as well as demonstrating a commitment, motivation and enthusiasm for a medical career. Although specific work experience in a hospital or general practice is not essential, it is important for all applicants to find out about the realities of a career in medicine.

Medical entry requirements for Advanced Highers in S6. Biology and Human Biology are NOT considered as separate subjects at Higher English at National 5 level at grade B or above. UNCAT (see below). Interview (see below).

International Baccalaureate

38 points

Chemistry HL and Biology HL AND Mathematics OR Physics at HL (it is not possible to sit Mathematics or Physics at HL, then SL will be considered at 6 points). Minimum of 6 points in English at SL. UNCAT (see below). Interview (see below).
### Music BMus

<table>
<thead>
<tr>
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</tr>
</thead>
<tbody>
<tr>
<td>A-levels</td>
<td>ABB</td>
<td>BBB</td>
<td>A-level Music. Required performance level is at Merit in grade 8 of the Associated Board of the Royal Schools of Music practical exams. ABRSM grade 5 Theory will be considered in place of A-level Music. Audition and interview.</td>
</tr>
<tr>
<td>Highers</td>
<td>AAAB by the end of S6.</td>
<td>There are no minimum requirements that must have been met by the end of S5. Higher Music. Required performance level is at Merit in grade 8 of the Associated Board of the Royal Schools of Music practical exams. ABRSM grade 5 Theory will be considered in place of Higher Music. Audition and interview.</td>
<td></td>
</tr>
<tr>
<td>International Baccalaureate</td>
<td>34 points</td>
<td>32 points</td>
<td>Merit in the BTEC HND in Classical Music will also be considered. Audition and interview.</td>
</tr>
</tbody>
</table>

### Nursing BN

<table>
<thead>
<tr>
<th>Qualification</th>
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</tr>
</thead>
<tbody>
<tr>
<td>A-levels</td>
<td>ABB</td>
<td>N/A</td>
<td>Two A-level sciences subjects from Chemistry, Biology (or Human Biology), Physics and Mathematics. Applicants who do not possess Chemistry as one of their two required science subjects at A-level must have GCSE Chemistry at grade B or above. English GCSE at B or above. Experience of caring. Interview.</td>
</tr>
<tr>
<td>Highers</td>
<td>AAABB by the end of S6.</td>
<td>Applicants must have achieved a minimum of ABB by the end of S5. Two Higher science subjects from Chemistry, Biology (or Human Biology), Physics or Mathematics. Applicants who do not have Chemistry as one of their two required science subjects at Higher must have a minimum of National 5 Chemistry at grade B or above. National 5 English is also required at B or above. Experience of caring. Interview.</td>
<td></td>
</tr>
<tr>
<td>International Baccalaureate</td>
<td>36 points</td>
<td>N/A</td>
<td>Chemistry or Biology at Higher Level 6. Applicants who do not possess Chemistry at HL should possess Chemistry at SL. Experience of caring. Interview.</td>
</tr>
</tbody>
</table>

### Psychology BSc, MA, MA(SocSci)

<table>
<thead>
<tr>
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</thead>
<tbody>
<tr>
<td>A-levels</td>
<td>AAA</td>
<td>ABB</td>
<td>ALL applicants must have A-level OR AS level OR GCSE Mathematics at B or above. BSc: Two A-level subjects from Mathematics, Psychology or other science subjects (or Mathematics plus one science subject). MA Arts: Two A-level arts, humanities or language subjects. MA SocSci: Two A-level arts, humanities or language subjects.</td>
</tr>
<tr>
<td>Highers</td>
<td>S5 Entry Requirement = AAAAB or AAAABB</td>
<td>S5 minimum requirement = AAAAB</td>
<td>Applicants who achieve AAAAB, AAAA, or AAABB in S5 WILL receive a conditional offer based on achieving a minimum of two Advanced Highers both at grade B or above in S6. In cases where applicants attend a school which does not offer relevant Advanced Highers, alternative offers will be considered which require a minimum of three additional Highers.</td>
</tr>
<tr>
<td>International Baccalaureate</td>
<td>38 points</td>
<td>36 points</td>
<td>ALL applicants must have Higher OR National 5 OR Intermediate 2 Mathematics at B or above. BSc: Must include two Higher science subjects (or Mathematics plus one science subject) at grades A/B or B/A. MA Arts: Higher English AND either a Higher humanities OR language subject at grades A/B or B/A. MA SocSci: Higher English AND either a Higher humanities OR language subject at grades A/B or B/A.</td>
</tr>
</tbody>
</table>
Science BSc, MSci excluding Environmental Science & Sustainability, Psychology and Veterinary Biosciences

Qualification | Standard academic entry requirements | Minimum academic entry requirements | Other mandatory requirements
--- | --- | --- | ---
A-levels | AAA | BBB | Minimum of one relevant science subject required for all science degrees. We expect that students will pass the practical assessment of a Level sciences.
Applicants to Physics or Astronomy (or any degree combination that includes Physics or Astronomy) require Mathematics AND Physics at grade B or above.
Applicants to Life Sciences (Note 1 below) require A-levels in Biology OR Human Biology OR Chemistry at grade B or above.
Applicants to Chemical Physics require A-levels in Chemistry, Physics and Mathematics at grade B or above.
Applicants to Chemistry or Chemistry with Medicinal Chemistry require A-level Mathematics AND Chemistry at grade B or above.
Applicants to the degrees listed in Note 2 below require A-level Mathematics at grade B or above.

Highers | S5 entry requirement = AAAA or AABBB | S5 minimum requirement = ABBBB | Minimum of two science subjects, one of which is relevant to the programme applied for.
Applicants to Physics or Astronomy (or any degree combination that includes Physics or Astronomy) require Mathematics AND Physics at grade B or above.
Applicants to Life Sciences (Note 1 below) require Higher in Biology OR Human Biology OR Chemistry at grade B or above.
Applicants to Chemical Physics require Higher in Chemistry, Physics and Mathematics at grade B or above.
Applicants to Chemistry or Chemistry with Medicinal Chemistry require Higher Mathematics AND Chemistry at grade B or above.
Applicants to Computing Science or Software Engineering require Higher Mathematics at grade B or above OR alternatively Higher Mathematics at C AND Higher Computing at grade B or above.
Applicants to the degrees listed in Note 2 below require Higher Mathematics at grade B or above.

Continued over the page

Science BSc, MSci excluding Environmental Science & Sustainability, Psychology and Veterinary Biosciences

Qualification | Standard academic entry requirements | Minimum academic entry requirements | Other mandatory requirements
--- | --- | --- | ---
International Baccalaureate | 36 points | 34 points | All degrees require three HL subjects at 6, 6, 5.
Applicants must have a minimum of two science subjects, one of which is relevant to the programme applied for. While HL6 is preferred for both science subjects, SL6 may be considered for ONE.
Applicants to Physics or Astronomy (or any degree combination that includes Physics or Astronomy) require grades in Mathematics and Physics, with one being at HL6 and the other being either HL6 or SL6.
Applicants to Life Sciences (Note 1 below) require Biology OR Human Biology OR Chemistry at SL6 or HL6.
Applicants to the degrees listed in Note 2 below require Mathematics at SL6 or HL6.
Applicants to Chemical Physics require grades in Chemistry, Physics and Mathematics with two at HL6 and the other at SL6.
Applicants to Chemistry or Chemistry with Medicinal Chemistry require grades in Mathematics and Chemistry, with one being at HL6 and the other being either HL6 or SL6.
Applicants to Computing Science or Software Engineering require Mathematics at HL6, or alternatively Mathematics at HL5/SL5 AND Computer Science at HL6.
Mathematics Studies is NOT accepted where Mathematics is a required subject.

Advanced Entry or Faster Route | Applicants who attain exceptional grades may be considered for Advanced Entry (commence their degree at year 2) or Faster Route (additional classes enabling them to condense a 4 year Honours degree into three years). The availability of Advanced Entry or Faster Route will vary by science subject and thus reduce the flexibility that a student has in selecting optional subjects.
Applicants who are interested in Advanced Entry or Faster Route should apply for year 2 (Y2) on their UCAS application.
Indicative grades for an applicant to be considered for Advanced Entry or Faster Route are:
- A-levels – A*AA at one sitting
- Advanced Highers – AAA at one sitting
- 16 - 36 Points
In all cases the mandatory requirements specified on pages 156 and 157 must also be met. A-level applicants to degrees and combinations including Astronomy, Mathematics, Physics or Statistics are recommended to take Further Mathematics to at least AS level.
Applicants to Computer Science Faster Route degrees must meet the entry requirements specified at glasgow.ac.uk/university/undergraduate.


Note 2 – Mathematics is a required subject for degrees in Astronomy, Chemistry, Chemistry with Medicinal Chemistry, Chemistry/Chemistry, Computer Science, Electronic and Software Engineering, Mathematics, Physics, Software Engineering, Statistics and all combinations that include any of these subjects.

Note 3 – Degrees requiring Chemistry: Chemical Physics, Chemistry with Medicinal Chemistry, Chemistry/Chemistry.

Note 4 – Applicants to the BSc degrees - Accounting & Mathematics, Accounting & Statistics, Finance & Mathematics and Finance & Statistics must meet the entrance requirements (and subjects) specified in the table headed: Accountancy and Finance 3, i.e. the same entrance requirements required for the BSc degree.)
Social Sciences MA (SocSci) except Psychology

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<tbody>
<tr>
<td>A-levels</td>
<td>AAB</td>
<td>BBB</td>
<td>One A-level arts, humanities or language subject. Applicants wishing to study Economics must have a minimum of GCSE Mathematics at grade B or above.</td>
</tr>
<tr>
<td>Highers</td>
<td>S5 entry requirement = AAAAB</td>
<td>S5 &amp; S6 cumulative requirement = AAAAA</td>
<td>Higher English OR a humanities subject at grade B or above. Applicants wishing to study Economics must have a minimum of National 5 Mathematics at grade B or above.</td>
</tr>
<tr>
<td>International Baccalaureate</td>
<td>38 points</td>
<td>34 points</td>
<td>Must include three HL subjects at 6,6,6. Applicants must have English and a humanities subject. Whilst HL 5 is preferred for both these subjects SL 6 may be considered for ONE. Applicants wishing to study Economics must have a minimum of SL 4 Mathematics or Mathematics Studies.</td>
</tr>
</tbody>
</table>

Advanced Entry or Faster Route

Applicants who attain exceptional grades may be considered for Advanced Entry (commence their degree at year 2) or Faster Route (additional classes enabling them to condense a 4 year Honours degree into three years). The availability of Advanced Entry or Faster Route will vary by subject and thus reduce the flexibility that a student has in selecting optional subjects. Applicants who are interested in Advanced Entry or Faster Route should apply for year 2 (Y2) on their UCAS application. In the event that the specific subject is unavailable or their application is unsuccessful they will automatically be considered for year 1 entry without having to submit a separate UCAS application. Indicative grades for an applicant to be considered for Advanced Entry or Faster Route are:

- A-levels – A-A-A* at one sitting
- Advanced Highers – A-A at one sitting
- IB – 40 Points

In all cases the mandatory requirements specified above must also be met. Applicants may be invited for interview.

Teaching: Primary Education with Teaching Qualification MA (Dumfries campus)

<table>
<thead>
<tr>
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</tr>
</thead>
<tbody>
<tr>
<td>A-levels</td>
<td>BBB</td>
<td>CCC</td>
<td>GCSE English Language and Literature at grade C AND GCSE Mathematics at grade B. Interview. Disclosure Scotland.</td>
</tr>
<tr>
<td>Highers</td>
<td>AAB or ABBB by the end of S6</td>
<td>None</td>
<td>Higher English at B AND National 5 Mathematics both at grade B or above. Interview. Disclosure Scotland.</td>
</tr>
<tr>
<td>International Baccalaureate</td>
<td>32 points</td>
<td>30 points</td>
<td>Must include English at H/S AND Mathematics at SL 4. Interview. Disclosure Scotland.</td>
</tr>
</tbody>
</table>

Teaching: Religious & Philosophical Education MA

<table>
<thead>
<tr>
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</tr>
</thead>
</table>

Teaching: Education with Primary Teaching Qualification MEduc (Glasgow campus)

<table>
<thead>
<tr>
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<th>Other mandatory requirements</th>
</tr>
</thead>
<tbody>
<tr>
<td>A-levels</td>
<td>AAB</td>
<td>BBB</td>
<td>English A-level AND GCSE Mathematics at grade B or above. Interview. Disclosure Scotland.</td>
</tr>
<tr>
<td>Highers</td>
<td>S5 entry requirement = AAAAB</td>
<td>S5 minimum requirement = ABBB</td>
<td>Higher English AND National 5 Mathematics at grade B or above. Interview. Disclosure Scotland.</td>
</tr>
<tr>
<td>International Baccalaureate</td>
<td>36 points</td>
<td>32 points</td>
<td>Must include English at H/S and Mathematics at SL 4. Interview. Disclosure Scotland.</td>
</tr>
</tbody>
</table>
# Teaching: Technological Education B(Tech)Ed

<table>
<thead>
<tr>
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<th>Other mandatory requirements</th>
</tr>
</thead>
<tbody>
<tr>
<td>A-levels</td>
<td>AAB</td>
<td>BBB</td>
<td>One of A-level Technology OR A-level Mathematics OR an A-level science subject. Where Mathematics is not one of the A-level subjects, applicants must have GCSE Mathematics at grade B or above. Applicants must have a minimum of GCSE English Language and Literature at grade B or above. Interview. Disclosure Scotland.</td>
</tr>
<tr>
<td>Highers</td>
<td>55 entry requirement = AAAB</td>
<td>55 minimum requirement = ABBB</td>
<td>Higher English AND either a Higher science subject or technology subject both at grade B or above. Where Mathematics is not at Higher Level applicants must have National 5 Mathematics at grade B or above. Interview. Disclosure Scotland.</td>
</tr>
<tr>
<td>International Baccalaureate</td>
<td>36 points</td>
<td>32 points</td>
<td>English at H5 AND either a science subject or Mathematics at H5. Where Mathematics is not one of the H5 subjects (above) applicants must have Mathematics at SL4. Interview. Disclosure Scotland.</td>
</tr>
</tbody>
</table>

# Veterinary Medicine & Surgery BVMS

<table>
<thead>
<tr>
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<th>Other mandatory requirements</th>
</tr>
</thead>
<tbody>
<tr>
<td>A-levels</td>
<td>A*AA</td>
<td>N/A</td>
<td>A-level Chemistry AND A-level Biology AND a third A-level subject which is preferably a science subject. Art, Drama, General Studies, Home Economics, Music or PE are not acceptable as a third subject. GCSE English at grade B or above is required. Interview. Experience essential.</td>
</tr>
<tr>
<td>Highers</td>
<td>AAAAB by the end of S5 AND Advanced Highers in Chemistry and Biology from S6 (both at grade B minimum). We adjust these entry requirements for eligible applicants, from AAABB at S5, based upon completion of a pre-entry programme. See glasgow.ac.uk/accessglasgow for details.</td>
<td>N/A</td>
<td>Applicants are not considered for entry to Veterinary Medicine from S5. S5 grades must include Higher Chemistry at grade A) AND Higher Biology. AND either Higher Mathematics OR Higher Physics. Advanced Highers in Chemistry AND Biology both at grade B or above. National 5 English at grade B or above. Interview. Experience essential.</td>
</tr>
<tr>
<td>International Baccalaureate</td>
<td>38 points</td>
<td>N/A</td>
<td>Chemistry HL5 AND Biology HL5 AND Mathematics OR Physics at SL5. A minimum of 6 points in English at Standard Level is also required. Interview. Experience essential.</td>
</tr>
</tbody>
</table>

# Veterinary Biosciences BSc, MSci

<table>
<thead>
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</thead>
<tbody>
<tr>
<td>A-levels</td>
<td>ABB</td>
<td>N/A</td>
<td>A-level Chemistry AND A-level Biology.</td>
</tr>
<tr>
<td>Highers</td>
<td>ABBB (in one sitting) and CC Advanced Highers</td>
<td>N/A</td>
<td>Higher Chemistry AND Higher Biology, AND Higher Physics OR Higher Mathematics. Two Advanced Highers, one of which should be Chemistry or Biology. It is acceptable to take Chemistry or Biology as a crash Higher in S6 provided grades ABBB are obtained in S5.</td>
</tr>
<tr>
<td>International Baccalaureate</td>
<td>36 points</td>
<td>34 points</td>
<td>Chemistry AND Biology, one of which must be at H5 AND Mathematics OR Physics at SL5.</td>
</tr>
</tbody>
</table>
We offer a wide range of undergraduate degrees. On the next few pages we list all of our degree subjects and combinations, the degree you will gain and the UCAS code. Our individual degree programmes appear in blue with a page reference for more information.
This publication is intended to help you choose your programme of study at the University of Glasgow. It does not replace the University Calendar as a statement of the University regulations.

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: 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 a 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.

Published admissions requirements are subject to alteration and may differ from those listed in this prospectus.

Data Protection Act
The University collects and processes information, including images, about its students, applicants and potential applicants, for academic, administrative, management, pastoral, and health and safety reasons. Some of this information is considered as sensitive personal data in the terms of the Data Protection Act 1998. The information is provided by a student, applicant or potential applicant or on his/her behalf. It is not possible to become, or remain, a registered (matriculated) student, or to process an application without agreement to provide this information. The information is processed in accordance with the University’s Notification with the Information Commissioner under the Data Protection Act 1998, and is disclosed to third parties only with students’ consent, or to meet a statutory obligation, or in accordance with the University’s Notification with the Information Commissioner, or in accordance with the terms of the Act.

Equality and diversity
The University of Glasgow is committed to promoting equality in all its activities, and aims to provide a work, learning, research and teaching environment free from discrimination and where difference is positively valued. The University’s equality policies and other useful sources of information are available on the website at glasgow.ac.uk/equality/diversity.

Refund of private fee contributions
For the University’s refund policy, please see glasgow.ac.uk/undergraduate/fees.

Additional fees
In common with other universities, students on certain courses at the University of Glasgow may incur additional expenditure on items such as fieldwork, specialist materials and supplementary instrumental tuition; although some assistance from University funds may be available to meet such expenditure, responsibility for payment will rest with the student. In addition, small charges may be made in some subjects for such items as course materials, photocopying and laser printing; detailed information may be obtained from the University’s schools or colleges.

General Council registration fee
All first-time graduates from the University of Glasgow must, prior to graduation, pay a registration fee to become a member of the University’s General Council. Payment of the fee means that your name will be entered in the Register of Graduates and you will be entitled to attend the twice-yearly statutory meetings of the Council and vote in its elections. You will also receive regular mailings from the Council which will include the University’s Annual Review.

Application process
Where your application is successful you will receive an offer letter directly from the University and an offer via UCAS. The offer communicated to you from UCAS is the official, binding offer and in the event that there is any difference between any University communications and those received from UCAS, the UCAS communication prevails. The offer communications will include important information with regards to Fee Status (whether you will be required to pay tuition fees or not) - please check this carefully as you must contact us within 30 days if you disagree with the University’s assessment of your Fee Status. Offers must be accepted or rejected on UCAS Track. UCAS will notify you of the due dates by which you are required to make this decision. You will be allowed 14 days after this date to cancel your decision. You must continually review UCAS Track (www.ucas.ac.uk) in order to check the status of your application, to accept or reject any offers made and check the Fee Status pertaining to any offers.

Validated institutions
The University is proud of its association and validation relationship with three independent institutions: The Glasgow School of Art; Scotland’s Rural College and Edinburgh Theological Summary. If you apply for a programme at one of these institutions, you will be registered with that institution and will pursue your studies there but your final degree will be conferred by the University of Glasgow. Applications to one of the validated institutions should be made to the institution concerned and not to the University.

As a student of a validated institution you are deemed to be an ‘associated student’ of the University which entitles you to access certain University facilities. For further details of the facilities available to you please contact the institution concerned.

Credits
Design:
D8 (www.d8.uk), working in conjunction with the Marketing, Recruitment & International Office, University of Glasgow.

Photography:
Reuben Park
Mark Hamilton
University Photographic Unit

Printed:
J Thomson Colour Printers

Additional Photography:
Edinburgh Festival, Courtesy of VisitScotland
Glasgow Film Festival, Courtesy of VisitScotland
Glenshee Ski Centre, Courtesy of VisitScotland
Mountain biking on the Black Route, Courtesy of VisitScotland
Riverside Museum, Courtesy of Glasgow Museums
Edinburgh Festival, www.ucas.ac.uk
VisitScotland

Additional information may be obtained from the University which entitles you to access certain University facilities. For further details of the sources of information are available on the University’s equality policies and other useful sources of information are available on the website at glasgow.ac.uk/equality/diversity.

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