## What Can I Study?

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<td>Dentistry</td>
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### Teaching
- Education with Primary Teaching Qualification
- Primary Education with Teaching Qualification (Dumfries)
- Technological Education
ESTABLISHED IN 1451

GLASGOW IS THE WORLD’S FRIENDLIEST CITY

(Rough Guides)

250+ CLUBS AND SOCIETIES

UNESCO CITY OF MUSIC

FOUR-YEAR DEGREE PROGRAMMES OFFERING FLEXIBILITY & CHOICE

95.9% OF STUDENTS IN EMPLOYMENT OR FURTHER STUDY SIX MONTHS AFTER GRADUATION

(DLHE 2016/17)
LIFE AT GLASGOW

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

Saturday night’s alright in Ashton Lane
Working hard in UofG library
World’s friendliest people

Night at the Museum
Honorary ‘Dogtorate’
‘Deon the watter’

Summer days in Kelvingrove Park
#TeamUofG all the way
Oh so twinkly cloisters

Travelling to uni in style
Future world changer
A land for all seasons

Soaking up the rays
Time to party

Architectural gem
Music is in the air
Bloomin’ lovely

Welcome to #TeamUofG
Autumn feels
Gus, the UofG sporting legend
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 a popular student destination.

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

Shopping
Boasting the largest retail centre outside of London’s West End, Glasgow offers a “style mile” containing big-name shops like Urban Outfitters, Zara and the Apple Store, as well as designer outlets and boutiques.

Sports
Following our successful hosting of the Commonwealth Games and co-hosting of the 2018 European Championships, 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.

Culture and Green Space
For culture vultures, the city is home to more than 20 world-class museums and art galleries located across the city. If you are looking for somewhere to relax and escape the city buzz, Glasgow has over 90 parks and public gardens.

Nightlife
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 hosting more than 700 bars, pubs and nightclubs and nine cinemas, including the tallest in the world.

Scotland
With Glasgow as a base, you’ll be in the ideal location to explore the length and breadth of the country. From adventure sports to breathtaking castles and some of the world’s best-loved cultural festivals, there are plenty of attractions to enjoy, not least the spectacular scenery offered by the world’s most beautiful country (Rough Guides, 2017).

To find out more on Glasgow and Scotland, see peoplemakeglasgow.com and visitscotland.com.
Gilmorehill Campus
Our main campus at Gilmorehill is home to the majority of our teaching and research facilities. At its centre lies the stunning Gilbert Scott building and iconic Bell Tower which has become one of Glasgow’s most notable landmarks. Based in the heart of the West End, the Gilmorehill campus is surrounded by shops, cafes, bars, restaurants, supermarkets and a cinema, and is well served by transport links to the nearby city centre.

OUR CAMPUSES

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.

School of Veterinary Medicine
- Over 150 years of veterinary excellence
- Our research places us among the world leaders in global animal health
- Accredited status from the American Veterinary Medical Association
- Top among UK veterinary schools for research quality (REF 2014)
- Home to the award-winning Small Animal Hospital, Wepers Centre for Equine Welfare and Scottish Centre for Production, Animal Health and Food Safety
For more information, see glasgow.ac.uk/schools/vet

Institute of Cancer Sciences
- Part of a national centre of excellence in the fight against cancer
- A major component of the Cancer Research UK West of Scotland Cancer Centre and a partner with the Beatson Institute for Cancer Research (BICR), which together form the core of cancer research in Glasgow
For more information, see glasgow.ac.uk/cancersciences.

MRC-University of Glasgow Centre for Virus Research
- Represents the UK’s largest grouping of human and veterinary virologists
- Carries out multidisciplinary research on viruses and viral diseases of humans and animals, translating the knowledge gained for the improvement of health
For more information, see glasgow.ac.uk/cvr.

Dumfries Campus
Our School of Interdisciplinary Studies in Dumfries, south-west Scotland, offers undergraduate programmes in:
- Environmental Science & Sustainability
- Health & Social Policy
- Primary Education with Teaching Qualification

A community campus
We bring high-quality teaching and research to students in a friendly and focused learning environment. Our facilities include an environment lab and gym, and you will have access to the libraries in both Dumfries and Glasgow, with extensive online resources and dedicated subject librarians. The interdisciplinary teaching and friendly residences help you to get to know students and staff from all disciplines quickly and really feel at home. We have three self-catering residences in Dumfries, all within easy reach of the campus. Our on-site restaurant, bar, swimming pool and spa offer discounted student rates.

Practical, hands-on learning
All Dumfries students can undertake work placements, including internationally. There are study abroad links and many courses include fieldwork and site visits.

Innovative teaching
You’ll get to know your lecturers, build confidence and advance critical thinking, while discovering the relevance of your subjects. Our virtual learning environment lets you collaborate with staff and classmates.

About the town
90 minutes from Glasgow and 40 minutes from Carlisle, Dumfries is a friendly place where you’ll soon become part of the community. There is an active Students’ Association and activities nearby include rowing, mountain biking, football, festivals, arts and live music.

Find out more
See glasgow.ac.uk/dumfries.
WE’RE CREATING A CAMPUS TO INSPIRE THE NEXT GENERATION OF WORLD CHANGERS. A 14-ACRE SITE BESIDE OUR CURRENT MAIN CAMPUS IN GLASGOW IS NOW BEING DEVELOPED WITH A PLANNED TOTAL INVESTMENT OF £1 BILLION. OUR FLAGSHIP JAMES MCCUNE SMITH LEARNING HUB IS SCHEDULED FOR COMPLETION IN THE ACADEMIC YEAR 2019/20.

Investing in our students
Over the next ten years, our major programme of investment will herald one of the most significant expansions and developments of a UK university city campus for over a century. We’re entering a momentous chapter in our history that will transform the teaching, learning and research spaces we can offer you.

James McCune Smith Learning Hub
The James McCune Smith Learning Hub will benefit from the latest enhancements in technological infrastructure and connectivity, facilitating multi-styled and technology-enabled teaching.

Guided by input from our current students, this modern study space will offer interdisciplinary workspaces, from quiet zones to social spaces, all accessed via a huge atrium.

As well as increasing our teaching capacity, the James McCune Smith Learning Hub will offer flexible spaces for clubs and societies, conferences and events, becoming the student-focused heart of the campus.

- Round-the-clock access
- Capacity for 3,000 students
- 500-seat lecture theatre
- 4 flat-floor lecture theatres
- Flexible study and social learning space
- Technology-enabled teaching

Find out more
For more information on our campus developments, see glasgow.ac.uk/explore.
OUR RESIDENTS ARE ENTITLED TO FREE MEMBERSHIP OF OUR SPORTS FACILITIES AND 24/7 ACCESS TO DEDICATED UNIVERSITY SUPPORT

YOUR GLASGOW HOME

LIVING IN A RESIDENCE IS A GREAT WAY TO MAKE NEW FRIENDS AND SETTLE IN QUICKLY TO UNIVERSITY LIFE. ACCOMMODATION SERVICES HELP YOU FIND A SUITABLE PLACE TO LIVE AND, PROVIDING YOU APPLY AND MEET THE CONDITIONS OF YOUR OFFER OF STUDY BEFORE 22 AUGUST, WE GUARANTEE A PLACE IN A UNIVERSITY RESIDENCE.

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 £3,840 for a shared room in a self-catered residence or £5,850 for a single en-suite room in a self-catered residence, to around £6,965 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 Living Support staff
- free membership of UofG sport
- group insurance cover for your belongings
- 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.

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, see glasgow.ac.uk/accommodation/faqs.

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

Taigh na Gàidhlig
A bheil Gàidhlig agad? An còrdadh e rut fureach cùmhla n daoine eile aig a bheil Gàidhlig? Tha sinn a’ toirt cothrom do d’hiolannach aig a bheil Gàidhlig, fureach ann am fiol ri chèile aonon na bladhna acadamaicigh, ’S e cothrom air leth a tha seo do luchd-labhra na Gàidhlig a bhith stèidhichte ann an àrainneachd Gàidhlig fad bladhna air òranan an Oilthighe.

Gaelic Language Residency Scheme
Do you speak Gaelic? Would you like to live on campus with other Gaelic speakers?
Taigh na Gàidhlig is a unique residency scheme offering Gaelic-speaking students the opportunity to live together on campus in a Gaelic environment for the academic year.

Find out more:
fiona.dunn@glasgow.ac.uk
glasgow.ac.uk/gaelic
LIFE BEYOND THE BOOKS

BECOMING A MEMBER OF OUR SPORTS FACILITIES, 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.

Get involved
There are countless ways to get involved in student life, from hanging out in one of the student unions, to joining one of our student media teams or sitting on our Students’ Representative Council (SRC).

The SRC offers more than 250 clubs and societies, from Capoeira dancing to TEDx to Physics, as well as over 40 volunteering opportunities. Joining student clubs and societies is a great way to learn new skills and make friends. Explore the possibilities at glasgowstudent.net.

Facilities include:
- Pulse – our cardio conditioning fitness area
- PowerPlay – our premium conditioning and strength suite
- Revolve – Scotland’s best indoor cycling
- 25m swimming pool with steam and sauna
- Six grass pitches and two synthetic pitches
- Expert training and guidance to help you meet your goals
- Bursary support for talented athletes
- Drop-in sport sessions including recreational sessions for beginners
- Over 100 fitness classes per week
- 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 spoken words night. It is also home to three catering outlets. For more information, see qmunion.org.uk.

Choose from two unions
Glasgow University Union 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, snooker and pool hall, convenience store, cafeteria and coffee shop serving Starbucks Coffee. For more information, see guu.co.uk.

At UofG Sport, we know how much staying fit and active can help your studies. That’s why our programmes are designed with you in mind and are flexible enough to fit around your schedule.

Glasgow University Sports Association, there are over 50 sports clubs on offer from American football to wakeboarding. Our teams have a strong sporting heritage and compete in the top leagues in the UK. To find out more, see glasgow.ac.uk/sport.

Be active
There are countless ways to get involved in student life, from hanging out in one of the student unions, to joining one of our student media teams or sitting on our Students’ Representative Council (SRC).
SUPPORT ALONG THE WAY

WE’RE COMMITTED TO CONNECTING YOU WITH THE RIGHT RESOURCES, FROM PROFESSIONAL CAREERS ADVICE TO AN EXCELLENT LIBRARY WITH LONG OPENING HOURS. WE SPEND MILLIONS ON OUR EQUIPMENT AND ACADEMIC SUPPORT SERVICES TO CREATE A WORLD-CLASS ENVIRONMENT WHERE YOU CAN FEEL INSPIRED.

Library
Open daily from 7.15am to 2.00am with 12 wifi-enabled floors, the University Library has one of the largest collections in Europe. Additional facilities include flexible study space, family study lounge, reflection, prayer and wellbeing space, music room, and a cafe. For more information, see glasgow.ac.uk/library.

Maximise your academic abilities
Advisers in the Learning Enhancement and Academic Development Service (LEADS) can help you develop your academic skills by offering classes and one-to-one consultations on essay writing, exam preparation, and Maths and Statistics support. For more details, see glasgow.ac.uk/leads.

Help when you need it
Our Student Services Enquiry Team is here to help you make the most of your time at Glasgow. 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 Campus 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 and how to understand University procedures
- support and information to assist with welfare and pastoral issues
For a full list of all our student services, see glasgow.ac.uk/students.

The Students’ Representative Council (SRC) provides high-quality, impartial advice on a range of welfare and academic issues, in addition to a Welcome Point, second-hand bookshop, and printing and binding services. For more details, see glasgowstudent.net.

Build your career
Our Careers Service can help you to find work experience and advise you on getting your dream job. Support includes:
- one-to-one guidance from professionally trained managers
- access to thousands of potential employers for work experience, internships and jobs
- training and coaching in job-hunting techniques including CV building
- opportunities to meet global recruiters on campus and take part in an internship through the Internship Hub, which facilitates 400 exclusive opportunities each academic year, for students at all levels of study.
For more information on the Careers Service, see glasgow.ac.uk/careers.

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 in your questions at glasgow.ac.uk/askastudent.
GOING ABROAD IS AN INCREDIBLY ENRICHING EXPERIENCE AND A GREAT OPPORTUNITY TO EXPERIENCE SOMETHING NEW. VANCOUVER HAS BECOME AS MUCH A HOME TO ME AS GLASGOW IS.

GO ABROAD

LOOKING FOR AN INSPIRING, CONFIDENCE-BOOSTING AND EVEN LIFE-CHANGING EXPERIENCE? OUR LONG-ESTABLISHED GO ABROAD PROGRAMME CAN OFFER YOU EXCITING OPPORTUNITIES.

The benefits

Many Glasgow students complete part of their degree in another country. Courses taken overseas through our exchange programme 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 up to a year

You can choose from over 180 destinations across the globe. We currently have over 150 partners across Europe and more than 70 international partners in Argentina, Australia, Azerbaijan, Brazil, Canada, Chile, 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

Many of our partners teach in English. You can also take free language classes to prepare for your time abroad as part of our Learn a Language Initiative. In today’s competitive job market, graduates with language skills are in demand. We offer something for everyone, from Italian to Mandarin.

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 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/goabroad.

*This may change once the UK has exited the EU. Up-to-date information will be available from our website at the time of applying for your year abroad.
NO MATTER HOW FAR YOU TRAVEL TO JOIN US, WE’LL HELP YOU TO FEEL AT HOME. 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 AT THIS WORLD TOP 100 UNIVERSITY.

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, Indonesia, 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
See: glasgow.ac.uk/international

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: internationalstudentsupport@glasgow.ac.uk.

Improving competence in English
Before you are admitted to the University, we require you to show competence in English. We set a minimum English language proficiency level for degree-level study and accept qualifications from around the world:
• IELTS (Academic) 6.5 (with no sub-test less than 6)
• TOEFL IBT 90; with sub-tests no less than: Reading: 20; Listening: 19; Speaking: 19; Writing: 23
• C1 Advanced (formerly Cambridge Certificate of Advanced English): 176 overall: no sub-test less than 169
• C2 Proficiency (formerly 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 5–36 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. For more information, see glasgow.ac.uk/eas.

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 have a number of well-established partnerships in China and Singapore. Please contact the International Office for more information: student.recruitment@glasgow.ac.uk.

Glasgow International College
If you’re an international student but not quite ready to study at Glasgow, our partner institution, Glasgow International College, can help you to achieve the required standards for admission to the University. If you successfully complete a foundation programme at the required level, you can progress directly to the second year of a degree programme in business, engineering, science or social sciences. We also have an exciting Arts pathway in development: see glasgow.ac.uk/gic for updates.
FEES, COSTS & SCHOLARSHIPS

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**
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.

**Living costs**
Everyone has different spending habits, but as a general guide, we recommend that a single student should allow approximately £13,060 per year and a married couple should allow a minimum of £20,000. For each child add £5,000 per year.

**A guide to your costs**

### Average cost per month
- Accommodation and utilities £550
- Food £180
- Clothes £70
- Bus, underground and taxis £40
- Laundry/stationery/toiletries etc £30
- Telephone/internet £40
- Entertainment £120
- **Total** £1,030

### Additional costs per year
- Books £400
- UK travel £300
- **Total** £700

To find out your options and to get tips and tools that can make your money go further, see glasgow.ac.uk/studentfinance.

**What support is available?**

Students from the UK (except Scotland)
- Access Bursary
- £2,000–£3,000 for year 1 and variable payments in subsequent years for the Access Bursary
- £1,000 per year for the Excellence Scholarship.
- Linked to your household income or academic achievement.

For the latest information, see glasgow.ac.uk/scholarships/rucksupport.

**Students from Scotland**
- Talent Scholarship
- Usually £1,000 per year
- Awarded to new first-year undergraduate students who have demonstrated excellent academic achievement and are facing hardship.

**Students from outside the EU**
- Undergraduate Excellence Scholarship
- Awarded as a tuition fee discount of £5,000 per year for up to 100 new international students.
- Awarded on the basis of academic merit.

**Humanitarian support**
- Humanitarian Scholarship
- Covers tuition fees for programme duration and an additional £5,000 per year (plus university accommodation if relevant).
- Awarded to offer holders who are staying in the UK on humanitarian grounds and are facing challenges in progressing to Higher Education.

For more information, see glasgow.ac.uk/scholarships/humanitarianscholarships.

**Talented athlete support**
We have a number of awards for athletes, including the Sports Bursary Programme and the Colin Montgomerie Scholarship. See glasgow.ac.uk/sport/scholarships.

**Second First Degree bursaries**
There are some small bursaries of £1,000 for eligible (UK and international) students intending to study for a second degree. These are available in year 1 only. For more information, email mrio-scholarships@glasgow.ac.uk.

**Care Experienced and Estranged Student Bursaries**
We have bursaries for students who have spent time in care, or who will be studying without family support. For more information, email daniel.keenan@glasgow.ac.uk.

**Carnegie Trust**
If you are of Scottish birth or extraction, or have had at least two years’ education at a secondary school in Scotland, and your fees are not paid from other sources, you may be eligible for support from the Carnegie Trust. See carnegie-trust.org.

**More information and options**
There are many potential sources of financial support available. For the latest information, see glasgow.ac.uk/scholarships.

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*The living costs quoted are not related to funding requirements for entry clearance. At the time of going to press, UK Visas and Immigration (UKVI) states that Tier 4 visa applicants planning to study outside London must demonstrate that they have funds to cover living costs for up to a maximum of nine months (depending on the length of the course) at £1,015 per month. For up-to-date information on entry clearance requirements, please see www.gov.uk/tier-4-general-visa/overview.

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**EU students**
As you’ll be aware, the UK’s planning to exit the European Union on 29 March 2019. At the time of going to print, a withdrawal agreement has not been agreed. In any event, the UK and Scottish Governments will confirm the immigration process and fee status for EU nationals wishing to study in the UK from 2020 onwards. Please be aware that this may mean the introduction of undergraduate tuition fees.

We appreciate that uncertainty is unsettling but please be assured that the University of Glasgow is a proudly international institution, committed to being open and welcoming to students from all nations. We will continue to offer you the widest possible opportunity to study and succeed at Glasgow and very much value the contribution of our EU staff and students.

For up-to-date information, advice and guidance as decisions are made, please see glasgow.ac.uk/study/eu.
CHOOSING YOUR DEGREE

GLASGOW IS ONE OF THE TOP 100 UNIVERSITIES IN THE WORLD, 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 FOR HOW LONG YOU WILL STUDY.

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 Surgery (MBChB)
- Bachelor of Music (BMus)
- Bachelor of Nursing (BN)
- Bachelor of Pharmaceutical Education (BTechEd)
- Bachelor of Veterinary Medicine & Surgery (BVMS)
- Master of Education (MEduc)
- Master of Engineering (MEng)

These degrees follow a set curriculum to meet the requirements of the relevant professional organisation so that you can enter your chosen profession after you graduate. They are usually completed in four or five years.

**Flexible degree programmes**
- Bachelor of Science (BSc)
- Master of Arts (MA)*
- Master of Arts (MA) (Social Sciences)*
- Master in Science (MSci)

If you apply to these degree programmes, you’ll be offered a flexible degree structure which, in most cases, means that you are not committed to a completely prescribed selection of subjects from the outset of your degree. BSc, MA and MA (SocSci) degrees normally take four years. MSci degrees normally take five years. Degrees which involve a modern language take five years to complete because they include a language year abroad.

**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 condense a four-year Honours degree into 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 (Y2) 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 highlights the degree programmes which offer Advanced Entry or Faster Route and provides indicative grades (see page 108).

**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 year 2 (or sometimes year 3) about whether you can progress to Honours level. Decisions about progression will be based on your academic performance during your first two years. The entry threshold to Honours varies by School/College and may change on a year-to-year basis.

**Changing your degree**
In most programmes, the flexible degree structure means you can take courses outside the subject(s) specified in your chosen degree plan. You choose these additional subject(s) once you have registered at the University. You may find that you wish to change your degree after experiencing these additional subjects. While it is flexible, there are some restrictions in terms of class sizes, timetabling and entry requirements that may limit your ability to change from the subject(s) selected on your UCAS form.

**Part-time study**
It is possible to study the MA and some BSc programmes 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/parttime.

**Honours Degree Destination**
BSc with Honours in Chemistry

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**Example of BSc Single Honours degree path**
(A Joint Honours BSc is also possible on this path with two subjects studied in both years 3 and 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>CHEMISTRY LEVEL 1 + EARTH SCIENCE LEVEL 1 + BIOLOGY LEVEL 1</td>
</tr>
<tr>
<td>2</td>
<td>CHEMISTRY LEVEL 2 + BIOLOGY LEVEL 2</td>
</tr>
<tr>
<td>3 &amp; 4</td>
<td>CHEMISTRY LEVELS 3 &amp; 4</td>
</tr>
</tbody>
</table>

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**Example of MA (SocSci) Joint Honours degree path**
(A Single Honours MA (SocSci) is also possible on this path with one subject studied in both years 3 and 4. 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>POLITICS LEVEL 1 + ECONOMICS LEVEL 1 + CLASSICS LEVEL 1</td>
</tr>
<tr>
<td>2</td>
<td>POLITICS LEVEL 2 + ECONOMICS LEVEL 2 + PHILOSOPHY LEVEL 1</td>
</tr>
<tr>
<td>3 &amp; 4</td>
<td>POLITICS LEVELS 3 &amp; 4 + ECONOMICS LEVELS 3 &amp; 4</td>
</tr>
</tbody>
</table>

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*A* Glasgow and the other three ancient universities in Scotland; an Honours level degree in the Arts is called a Master of Arts (MA) and an Honours level degree in the Social Sciences & Master of Arts (Social Sciences). These should not be confused with the Master of Arts offered by some universities in England, which refers to a postgraduate qualification.
A-Z OF DEGREE PROGRAMMES
Accountancy

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

Accounting

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.

Accounting & Mathematics

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

Years 3 and 4
Students who qualify for Honours (years 3 and 4) 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 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.

Career prospects

Our graduates have been employed by organisations such as Williams F1, Nuclear Decommissioning Authority, the RAf, Fluid Gravity Engineer, Rolls-Royce plc and the Met Office.

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.

BEng (H415): Four years
MEng (H410): Five years

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 courses in aeronautical engineering, mathematics, dynamics, electronics, materials, statics, thermodynamics and engineering skills. This interdisciplinary approach, favoured by industry, also makes it easy to switch to most engineering disciplines at the end of year 1.

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

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

BEng students undertake an individual project to solve a problem in aeronautical engineering. MEng students undertake an interdisciplinary team project.

In year 5, MEng students learn about aircraft handling qualities, aircraft operations, and advanced structural analysis techniques.

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.

Career prospects

Our graduates have been employed by organisations such as Williams F1, Nuclear Decommissioning Authority, the RAf, Fluid Gravity Engineer, Rolls-Royce plc and the Met Office.

Why choose Glasgow?

This degree offers exemptions for some professional accountancy exams.

Why choose Glasgow?

This 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.

Why choose Glasgow?

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This degree offers exemptions for some professional accountancy exams.

Why choose Glasgow?

You will 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.

See Engineering entry requirements on pages 92–93 (Highers) and 101 (A-levels/IB).

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.

BSc (Hons) (NG44): Four years

Note
Although you will not be a qualified accountant when you graduate, you will have received exemptions from some professional accountancy exams.

See Accountancy & Finance entry requirements on pages 91 (Highers) and 100 (A-levels/IB).

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See Engineering entry requirements on pages 92–93 (Highers) and 101 (A-levels/IB).

BSc (Hons) (GN43): Four years

See Accountancy & Finance entry requirements on pages 91 (Highers) and 100 (A-levels/IB).

Why choose Glasgow?

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See Engineering entry requirements on pages 92–93 (Highers) and 101 (A-levels/IB).

Accounting & Finance

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

BAcc: Four years

The BAcc is offered in five variants.

Accountancy (N400)
Accountancy with Finance (N403)
Accountancy with International Accounting (N401)
Accountancy with Languages (N409)
Accountancy/Economics (L414)

See Accountancy & Finance entry requirements on pages 91 (Highers) and 100 (A-levels/IB).

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See Engineering entry requirements on pages 92–93 (Highers) and 101 (A-levels/IB).
**AEROSPACE SYSTEMS**

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

**ANATOMY**

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

**ANCIENT HISTORY**

Ancient history involves the study of the history and culture of Greece, Rome and the wider Mediterranean between the 8th century BC and the 5th century AD with the opportunity to learn Latin and ancient Greek if you wish.

**ARCHAEOLOGY**

Archaeology is the study of how people in the past interacted with their world, through a detailed study of their objects, sites, environments and landscapes.

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**Why choose Glasgow?**

You’ll take part in practical laboratories, including running a blood alcohol test, and a flight testing course in a Jetstream aircraft during year 5 of the MEng.

**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.

**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 gain practical fieldwork skills in the UK and also abroad. Recent students have worked in the Baltic states, Cyprus, Finland, France, Germany, Greece, Iceland, Italy and Portugal.
Astronomy

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

Why choose Glasgow?

Astronomy lectures are complemented by our observatory, planetarium and telescope facilities. You will learn about the latest developments in astrophysics from research leaders.

BSc (Hons): Four years

MSci: Five years

Note

Astronomy can only be taken as a Joint Honour degree. See page 112 for options and UCAS codes.

See Science/Life Sciences entry requirements on pages 96 (Highers) and 105 (A-levels/IB).

BSc (Hons) (C700): Four years

MSci: Five years

Note

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

See Science/Life Sciences entry requirements on pages 96 (Highers) and 105 (A-levels/IB).

Biochemistry

Biochemistry combines the study of the biology and chemistry of living organisms to allow us to understand the molecular basis of life.

Why choose Glasgow?

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

BSc (Hons) (C700): Four years

MSci: Five years

Note

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See Science/Life Sciences entry requirements on pages 96 (Highers) and 105 (A-levels/IB).

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.

Why choose Glasgow?

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

BEng (L750): Four years

MEng (J751): Five years

See Engineering entry requirements on pages 92–93 (Highers) and 101 (A-levels/IB).

Business & Management

The study of business and management offers you a structured insight into both the theoretical and practical dimensions of organisations and management.

Why choose Glasgow?

You will benefit from our collaborative ties with local industry and commerce which make significant contributions to the degree programme. Theory and practice are taught through a variety of innovative learning methods and opportunities.

MA (SocSci) (Hons) (N200): Four years

Note

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

See Social Sciences entry requirements on pages 97 (Highers) and 106 (A-levels/IB).

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

See Science/Life Sciences entry requirements on pages 96 (Highers) and 105 (A-levels/IB).
BUSINESS ECONOMICS

Business economics is the study of economic concepts of relevance to modern business, to develop a sound understanding of the resource allocation issues facing the business corporation and the environment in which it operates.

MA (SocSci) (Hons) (L112): Four years

Note:
No previous knowledge of economics is required for entry to first year.

See Social Sciences entry requirements on pages 97 (Highers) and 106 (A-levels/IB).

Year 1
You will study:
- Introduction to the market mechanism
- International trade
- Economic development
- Microeconomics
- Macroeconomic policy in an open economy
- Introductory mathematical economics
- Intermediate macroeconomic techniques

You will also study other subjects in years 1 and 2.

Year 2
You will study:
- Intermediate macroeconomics
- Intermediate microeconomics
- Introduction to mathematical economics (continued)
- Economic data analysis

Years 3 and 4
If you progress to Honours (years 3 and 4) you will take two courses on the economics of business in year 3. These put economic tools to work analysing activities inside a business. In year 4 you will study two courses in finance. These look at how stock markets and other financial markets work and how the strategic decisions of corporations interact with financial markets.

You will research and write a dissertation in your final year.

Career prospects
Our graduates develop skills in research, analysis, communication, teamwork, decision making and problem solving. Recent graduates have been employed by HMRC, PricewaterhouseCoopers, Barclays, DESMI Africa and Televeras Group, among many other organisations.

Why choose Glasgow?
Economics at Glasgow dates back to Adam Smith and is one of the two oldest departments of the university in the 18th century and is widely renowned as the father of modern economics.

CELTIC CIVILISATION

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.

MA (Hons)/MA (SocSci) (Hons): Four years

Celtic Civilisation can only be taken as a Joint Honours degree. See page 113 for options and UCAS codes.

Note:
No prior knowledge of a Celtic language is required and all reading materials will be studied in English.

See Arts (for MA) or Social Sciences (for MA SocSci) entry requirements on pages 91 (Highers) and 100 (A-levels/IB).

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.

You will also study other subjects in years 1 and 2.

Year 2
You will study the most important aspects of the histories, institutions, cultures and literatures of Scottish Gaelic, Irish and Welsh societies in two courses: Celtic societies, 1096–1603 and Celtic societies and the modern world.

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 culture, literatures and cultures, such as belief and culture in early medieval Ireland and Gaelic Scotland, Celtic place-names of Scotland, early Gaelic literature, Celtic art, medieval Welsh literature and folk lore.

You will have access to a series of courses on Celtic history and culture on topics such as medieval Ireland, the Northern Britons and the Picts. You will also write a dissertation on a topic of your own choosing.

Career prospects
Recent graduates have entered 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 successfully pursue 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 – as part of a joint degree, with no requirement to learn a Celtic language.

CENTRAL & EAST EUROPEAN STUDIES

You will study the history, economics, politics and sociology of the countries of Central and Eastern Europe.

MA (SocSci) (Hons) (R900): Four years

See Social Sciences entry requirements on pages 97 (Highers) and 106 (A-levels/IB).

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 communist and nationalist ideologies, as well as the culture, civil society, and the reasons for the collapse of communism in the region during 1989–91.

You will also study other subjects in years 1 and 2.

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 change, 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 the European Union and NATO.

Years 3 and 4
If you progress to Honours (years 3 and 4) you will choose from a wide range of subject areas and topics, including economic and social history, modern political history including the impact of war and revolution, security and international relations, and civil society and the state, among others.

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 in the European Commission, the Foreign and Commonwealth Office, non-governmental organisations (NGOs), journalism and the business community.

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. You will also have the opportunity to study one of the following languages: Hungarian, Czech, Polish or Russian.
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.

BSc (Hons) (F335): Four years
MSc (F332): Five years
MSc with work placement (F320): Five years
See Science/Life Sciences entry requirements on pages 96 (Highers) and 105 (A-levels/IB).

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:
- 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.
- In chemistry: various aspects of physical and inorganic catalysis, solids and surfaces, aromatic chemistry, coordination chemistry, quantum mechanics and symmetry, spectroscopy, thermodynamics and diffration.

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.

Career prospects
Our graduates are employed in industry, commerce, government research and education. Many graduates proceed to research leading to a higher degree. Some of our recent graduates have been employed by EDF Energy, Quotient Clinical, Reckitt Benckiser, Sterling Medical Innovation, and Synergy Outsourcing, among many other companies.

CHEMISTRY

Chemistry is the science of molecules and materials. It is a science with a well-developed theory base which is at the heart of today’s world and which continues to make advances in, for example, new materials, antibiotics, semiconductors and trace analysis.

BSc (Hons) (F100): Four years
MSc with European placement (F102): Five years
MSc with work placement (F101): Five years
Joint Honours available; see page 113.
See Science/Life Sciences entry requirements on pages 96 (Highers) and 105 (A-levels/IB).

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

You will also study other subjects in years 1 and 2.

Year 2
The topics covered include molecular thermodynamics, organic stereochemistry, quantum mechanics and chemical bonding, organometallic chemistry, main group chemistry, solids and surfaces, aromatic chemistry, coordination chemistry, organic synthesis, electrochemistry and applied organic chemistry.

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, colloids, 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.

You can take Chemistry as an MSci degree which includes an additional work placement year in the UK or overseas, between the third and final years of the degree.

Career prospects
Our graduates are employed as chemists working in research, process development and analysis, as well as in management, marketing, environmental control, patents and finance. Recent graduates have been employed by EDF Energy, Quotient Clinical, Reckitt Benckiser, Sterling Medical Innovation and Synergy Outsourcing.

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.

BSc (Hons) (F103): Four years
MSc with European placement (F105): Five years
MSc with work placement (F104): Five years
See Science/Life Sciences entry requirements on pages 96 (Highers) and 105 (A-levels/IB).

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

Year 2
The topics covered include molecular thermodynamics, organic stereochemistry, quantum mechanics and chemical bonding, organometallic chemistry, main group chemistry, solids and surfaces, aromatic chemistry, coordination chemistry, organic synthesis, electrochemistry and applied organic chemistry.

Years 3, 4 and 5
If you progress to Honours (years 3 and 4), you will choose courses from a list of topics which includes anticancer compounds, antibiotics, analgesics and antivirals. In the final year you will undertake a project involving research in chemistry with medicinal or pharmacological applications, for example, making selected compounds and testing them for specific biological activity.

You can take Chemistry with Medicinal Chemistry as an MSci degree, which includes an additional work placement year in the UK or overseas, between the third and final years of the degree.

Career prospects
Our graduates are employed in research in the pharmaceutical industry, forensic science and related areas. Many graduates also go on to postgraduate study or directly into employment in the chemical industry. Recent graduates have been employed by EDF Energy, Quotient Clinical, Reckitt Benckiser, Sterling Medical Innovation and Synergy Outsourcing.

CHILDHOOD PRACTICE

This programme has been developed to enable students with experience of working in childhood practice to meet the requirements of the Standard for Childhood Practice (SSCC, 2015). The programme has been designed to enable practitioners to gain an academic and professional qualification while remaining in employment.

This programme is designed to meet the registration requirements of the Scottish Social Services Council for managers/lead practitioners in day care services for children.

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.

Why choose Glasgow?
Two interactive teaching units that concentrate on ethical, environmental and financial issues in chemistry will help you develop teamwork and presentation skills.

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.

BA: Up to six years on a part-time basis
All students will be required to have completed an HNC, SVQ3, SVQ4 or equivalent professional qualification in Children’s Care, Learning and Development or Playwork. Students will be expected to undertake placement-based assignments and must currently be working in a pre-five setting, out of school care service or similar working environment and have a minimum of four years’ experience in a childhood practice setting.

How to apply
Application forms and further information about the programme can be obtained by applying directly to the programme leader: stephen.boyle@glasgow.ac.uk.

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
- Key issues and debates in childhood practice
- Multi-professional collaboration in children’s social and cultural concepts of childhood

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 managers/lead practitioners in day care services for children.

Why choose Glasgow?
This degree programme has been developed to enable students with experience of working in childhood practice to meet the requirements of the Standard for Childhood Practice (SSCC, 2015). The programme has been designed to enable practitioners to gain an academic and professional qualification while remaining in employment.

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CIVIL ENGINEERING

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

BEng (H202): Four years
MEng (H205): Five years
See Engineering entry requirements on pages 92–93 (Highers) and 101 (A-levels/IB).

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 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 2 and 3
You will take a range of courses within structural engineering; water engineering; transportation; geotechnical engineering and construction management. You will have the opportunity to take work placements with a variety of companies and organisations such as Atkins Global, Graduate civil engineer; Scottish Southern Energy, civil engineer; WSP Group, Balfour Consultancy Ltd, structural engineer; BAM

Recent graduates have been employed by ARUP, trainee flood risk scientist.

Why choose Glasgow?
This programme's strengths lie in its synthesis of scientific enquiry, engineering design and creative problem solving to tackle the challenging and complex real-life problems encountered by professional civil engineers.

glasgow.ac.uk/ug/civilengineering

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.

BEng (H2K2): Four years
MEng (H2K1): Five years
See Engineering entry requirements on pages 92–93 (Highers) and 101 (A-levels/IB).

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 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 most other engineering disciplines at the end of year 1 should you wish to do so.

Years 2 and 3
You will take a range of courses within civil and structural engineering, and architecture. 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 at overseas institutions or involving practising engineers, which are intended to develop professional-level skills.

Career prospects
Recent graduates have been employed by ARUP, civil engineer; Jacobs Engineering Ltd, graduate 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; and SEPA, trainee flood risk scientist.

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

glasgow.ac.uk/ug/civilengineeringwitharchitecture

glasgow.ac.uk/ug/classics

CLASSICS

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.

MA (Hons) (GB20): Four years
Joint Honours available; see page 113.

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

See Arts entry requirements on pages 91 (Highers) and 100 (A-levels/IB).

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.

You will also study other subjects in years 1 and 2.

Year 2
You will study the literature, culture, history and politics of Alexander the Great, Greece and of the Roman Empire at its height. You will read 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.

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, Mythos, fictions and histories of Alexander the Great, Greek religion, Cleopatra: life and legend and The later Roman Empire.

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

Career prospects
In recent years our graduates have found employment as teachers, civil servants, administrators, librarians, archaeologists, and 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.

glasgow.ac.uk/ug/communitydevelopment

COMMUNITY DEVELOPMENT

You will develop both the practical and analytical skills to work effectively with a range of communities to bring about social change.

BA (Hons) (KL35): Four years
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. Applicants with no formal qualifications are encouraged to apply on the premise that they have extensive experience within a community development setting.

See Community Development (BA) entry requirements on pages 91 (Highers) and 100 (A-levels/IB).

This programme is specifically designed for people who are currently working within the field. You will normally attend classes approximately a day and a half per week from September to May.

Year 1
You will study Introduction to academic study, Introduction to community development, Engagement strategies for community development, Introduction to social theories, and Community development practice 1.

Year 2
You will study Power and empowerment; Challenge, change and action; Study trip: local and global contexts; Popular education; and Community development practice 2.

Year 3
You will study Social justice and contemporary issues; Introduction to research: Space, place and community; and Community development placement.

Year 4
You will study elective options spanning a range of areas such as Community arts, Urban studies, Theology, and Business and complete an applied research project course to support a research-based project in the field.

Career prospects
Students who complete this degree go on to work in many aspects of community development. These include youth work, community arts, housing, addictions, economic development, adult education and community regeneration work.

Why choose Glasgow?
You have the opportunity to gain invaluable practice experiences both locally and internationally.

glasgow.ac.uk/ug/communitydevelopment

* Unistats (unistats.ac.uk), January 2019

* Unistats (unistats.ac.uk), January 2019

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* Unistats (unistats.ac.uk), January 2019
COMPARATIVE LITERATURE

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

Year 1
You will read a wide variety of texts from different cultural contexts, engaging with a general theme such as heroism. An optional pathway at Level 1 and Level 2 involves the study of Russian and Central European cultures.

Year 2
In the second year you will focus on another wide-ranging theme such as borders: geographic, scientific, psychological, gender-oriented and cultural. There will be opportunities to focus on various literary and cinematic depictions of the chosen theme, including in the context of Central European cultures.

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. At Honours level you choose your own optional courses, which reflect the research specialisms of our staff. You will take courses on literary and cultural theories, and you will read texts from an intercultural perspective. You will also gain an awareness of issues of language and translation as they relate to the reading of texts from different cultures.

Career prospects
Our graduates have gone on to pursue rewarding careers in the media, teaching, journalism, tourism, and further aspects of patient management/health promotion.

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, artificial intelligence, information retrieval and big data systems.

The School of Computing Science launched the pioneering Centre for Computing Science Education in 2017, in recognition of our commitment to leadership and innovation in educational practice.

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.

You will also study other subjects in years 1 and 2.

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

Year 3, 4 and 5
As an Honours student (years 3 and 4), you will cover the essential aspects of computing science in depth. Our curriculum is driven by our world-leading research, to provide experience in the provision of dental care in both primary and secondary settings.

Career prospects
Recent graduates are employed as software engineers, data scientists, machine learning engineers, computer architects, software engineers, data structures and algorithms, and general dental practitioners. Other possible careers lie in the hospital service or the community dental service.

DENTISTRY

Glasgow Dental Hospital and 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.

BDS (A200): Five years
UCAT
You will be required to take the University Clinical Aptitude Test (UCAT) (www.ukcat.ac.uk).

Selection for interview
We will invite selected applicants to a multiple mini-interview in late January/early February.

See Dentistry entry requirements on pages 92 (Highers) and 101 (A-Levels/IB).

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

Why choose Glasgow?
Dentistry at Glasgow is ranked first in the UK (The Times and Sunday Times University League Table 2019).

Why choose Glasgow?
Computer Science at Glasgow is ranked 2nd in Scotland (Complete University Guide 2019) and 9th in the UK (Times Higher Education World University Rankings 2019).

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 to further expand your horizons.
DIGITAL MEDIA & INFORMATION STUDIES

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

MA (Hons) (150): Four years

Joint Honours available; see page 114.

See Arts entry requirements on pages 91 (Highers) and 100 (A-levels/IB).

Why choose Glasgow?
We are the only university to offer this innovative programme at undergraduate level in the UK and are CILIP accredited.

EARTH SCIENCE

Earth Science is the study of the Earth system, in particular the interaction of geology with surface processes and environments, and associated natural and anthropogenic changes.

BSc (Hons) (F600): Four years

MSci (F601): Five years

Note
No prior knowledge is required and Earth Science can be studied with many other first-year subjects.

See Science/Life Sciences entry requirements on pages 96 (Highers) and 105 (A-levels/IB).

Year 1
You will undertake two courses in your first year. The first course builds your knowledge of the solid Earth, focusing on key geological, geochemical and geophysical processes. The second course develops your understanding of the evolution of Earth life and environments, changing climate and biogeochemical cycles, Earth exploration, and resource management.

Year 2
You will undertake two courses in the second year. The first course builds your knowledge of the solid Earth, focusing on key geological, geochemical and geophysical processes. The second course develops your understanding of the evolution of Earth life and environments, changing climate and biogeochemical cycles, Earth exploration, and resource management.

Year 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.

You will choose from courses such as Enterprise, creative and citizenship online; Heritage cultural informatics; Multimedia analysis and design; 3D digitisation; Document encoding; Records and accountability; Music curation and analytics; History of ICT; Books and new media; Introduction to digital humanities; and you will complete a dissertation.

Career prospects
This degree opens a range of careers and further study opportunities and helps you stand out in the crowded graduate jobs market. Our graduates have pursued careers in multimedia design, advertising, digital content management, human resources, research, journalism, digital marketing, music promotion, film production, academia, archives, museums, galleries and management consultancy.

Why choose Glasgow?
The flexibility of our programmes will enable you to choose your specialist subject after an integrated first and second year which will prepare you for both degrees.

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.

BSc (Hons) (V300): Four years

MA (SocSci) (Hons) (L150): Four years

Joint Honours available; see page 114.

Note
Previous knowledge of economics or history is not necessary.

See Social Sciences entry requirements on pages 97 (Highers) and 106 (A-levels/IB).

You will study economic and social trends from 1750 to the present day, 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, immigration and the community, and 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.

You will also study other subjects in years 1 and 2.

Year 2
You will study economic and social changes in the UK since 1750, in two courses, exploring such themes as industrialisation and its social dimensions and global trade and competition.

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Year 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.

You will study economic and social changes in the UK since 1750, in two courses, exploring such themes as industrialisation and its social dimensions and global trade and competition.

You will also study other subjects in years 1 and 2.

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Career prospects
Our graduates have found employment in a very wide range of careers and further study opportunities and helps you stand out in the crowded graduate jobs market. Our graduates have pursued careers in multimedia design, advertising, digital content management, human resources, research, journalism, digital marketing, music promotion, film production, academia, archives, museums, galleries and management consultancy.

Why choose Glasgow?
The flexibility of our programmes will enable you to choose your specialist subject after an integrated first and second year which will prepare you for both degrees.

ECONOMICS

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

MA (SocSci) (Hons) (L150): Four years

Joint Honours available; see page 115.

Note
Previous knowledge of economics is required for entry to first year.

See Social Sciences entry requirements on pages 97 (Highers) and 106 (A-levels/IB).

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.

Year 1
You will study: Introduction to the market mechanism, international trade, Economic development, Macroeconomics, Macroeconomic policy in an open economy and Introduction to mathematical economics.

You will also study other subjects in years 1 and 2.

Year 2
You will study: Intermediate macroeconomics, Intermediate microeconomics, Introduction to mathematical economics (continued) and Economic data analysis.

Years 3 and 4
Students who qualify for Honours will take advanced courses in microeconomic analysis and macroeconomic analysis. There is also the opportunity to take courses in econometrics, which involves the statistical techniques of economic analysis, and others from a wide range of optional courses which put the skills you have developed into action. You will also research and write a dissertation in your final year.

Career prospects
Our graduates develop skills in research, analysis, communication, teamwork, decision making and problem solving. Recent graduates have been employed by Ernst & Young, Morgan Stanley, Shell, Scottish Government, National Australia Group Europe and Hays plc, among many other organisations.

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 renowned as the father of modern economics.
**ELECTRONICS & SOFTWARE ENGINEERING**

Electronic and software engineering combines the study of hardware and software. It will give you the knowledge required to lead teams that design and build the computerised systems of the future.

BSc (Hons) (GH66): Four years  
BEng (GH66): Five years  
See Engineering (for BEng/MEng) or Science (for BSc) entry requirements from page 92.

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

www.glasgow.ac.uk/ug/electronicssoftwareengineering  
www.glasgow.ac.uk/ug/electronics

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**ELECTRONICS & ELECTRICAL ENGINEERING**

As a graduate engineer you will be able to deal with anything from power engineering to microelectronics, radar installation to the design of digital systems.

BEng (H600): Four years  
MEng (H601): Five years  
See Engineering entry requirements on pages 92–93 (Highers) and 101 (A-levels/IB).

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

**Year 1**  
In your first year, you will take a wide-ranging curriculum which includes courses in analogue and digital electronics, mathematics, dynamics, materials, 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 most other engineering disciplines at the end of year 1 should you wish to do so.

**Years 2 and 3**  
The following two years will contain a core of compulsory subjects and at least one optional subject in business and management.

The core courses will give you a firm grounding in the knowledge and skills required of any professional electronics or electrical engineer. These courses are augmented with practical construction and project work in each year working both alone and in teams.

**Years 4 and 5**  
You will have a wide choice of technical options in fourth year, choosing half your specialist topics from electronics and electrical engineering and half from computing science. You will study professional aspects including economic, project organisation, environmental issues and safety.

MEng students can take part in an integrated system design project, working in multidisciplinary teams. In fifth year a six-month project, normally undertaken abroad, is followed by further advanced technical subjects.

**Career prospects**  
Previous graduates have found employment in a wide range of industries, such as software houses, electronic companies and commercial institutions, including Agilent, ARM, IBM, MWL, Torres, Thales and Wolfson Microelectronics, among many others.

www.glasgow.ac.uk/ug/electronics

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**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.

BEng (H6W3): Four years  
MEng (H6WJ): Five years  
See Engineering entry requirements on pages 92–93 (Highers) and 101 (A-levels/IB).

You will study the same courses in the first three years whether 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. The music component includes listening and repertory, plus either listening through analysis or performance (subject to audition at the start of the year).

**Year 2**  
You will study core engineering subjects of analogue and digital electronics, electrical circuits, computer architecture, a design project and mathematics, together with composing with recorded sound and study techniques, and one other music option.

**Year 3**  
You will continue with a mix of electronics (two-thirds) and music (one-third) topics, including systems design, communication systems, control, real-time systems, electromagnetics, compatibility, music and odyssey sound, narrative film, interactive audiovisual media and further options in music and other subjects.

**Year 4 and 5**  
On the MEng programme your choice of fourth year technical options is the same as that of the BEng degree programme. An optional project you will complete a substantial individual project.

MEng students can take part in an integrated system design project, learning the skills of project management and working in multidisciplinary teams. Half of this year is devoted to project work, normally carried out in industry, and often via a placement abroad.

**Career prospects**  
Our recent graduates have been employed by Atkins, QinetiQ, BAE Systems Surface Ships, BAE Systems, Venust Green Energy and the RAF, among other organisations.

**Why choose Glasgow?**  
You will undertake a team design project in which the complete design process of an item of electronic equipment is carried out, from the initial specification to the completed project.

www.glasgow.ac.uk/ug/electronicswithmusic

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**ENGLISH LANGUAGE & LINGUISTICS**

English language and linguistics combines the study of the history, structure and meaning of the English language, to see what all this tells us about our culture, our society and ourselves.

MA (Hons) (Q300): Four years

**Why choose Glasgow?**  
Over 50 years, we have created the world leading Historical Thesaurus of English. You will also have access to dedicated laboratories for analysing spoken and written language.

Why choose Glasgow?  
If you are an accomplished performer, you may be admitted to performance options.

www.glasgow.ac.uk/ug/englishlanguage
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.

Year 1
You will gain 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 enhance literary study. Courses include Poetry and poetics, Novel and narratology, prescribed texts, and a poetry writing competition and an open mic forum. There are also opportunities to develop creative skills in writing poetry and fiction.

You will also study other subjects in years 1 and 2.

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 literary texts and their historical, cultural and political contexts (Writing and ideology), and their formal

You will also study other subjects in years 1 and 2.

Year 3 and 4
If you progress to Honours (years 3 and 4) you will be able to study the major literary periods and to choose from a wide variety of courses in a number of specialist fields including Irish and Scottish literature, postcolonial literatures, creative writing, contemporary literature, science fiction, fantasy literature, literary theory and children’s literature.

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, finance, business and technology.

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

DUMFRIES CAMPUS
ENVIRONMENTAL SCIENCE & SUSTAINABILITY
Accredited by the Institution of Environmental Scientists and based at our Dumfries Campus, Environmental Science & Sustainability utilises fieldwork, organisations and lab practicals to demonstrate environmental work in practice.

MA (Hons) (Q301): Four years
Joint Honours available; see page 115.
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.

See Arts entry requirements on pages 91 (Highers) and 100 (A-levels/IB).

BSc (Hons) (D447): Four years
This degree is taught at our Dumfries campus; see page 11.

See Environmental Science & Sustainability (BSc) (Dumfries Campus) entry requirements on pages 93 (Highers) and 102 (A-levels/IB).

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

MA (Hons) (P390): Four years
Joint Honours available; see page 116.
Due to high demand, if you wish to be considered for Honours Film & Television Studies you must apply using a UCAS code for Film & Television Studies.

See Arts entry requirements on pages 91 and 100.

Year 1
You will take two courses, which introduce techniques of film and television analysis, offer perspectives on the development of film and television.

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 identity; History, aesthetics and genre. You will also study other subjects in years 1 and 2, as part of your degree programme.

Year 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 on particular periods and places (eg postwar Japanese cinema, Scottish film and television), genres (eg animation, anime cinema); theory and practice of film and television (eg digital media, television production); and specific themes (eg screen performance, children’s television).

Career prospects
This programme is a valuable preparation for careers in various aspects of the media, arts and cultural industries. The immediate job destinations of some of our recent graduates have included production trainee for the Scottish Media Group and graphics operator for the sports technology specialists Del特派. Older graduates are now firmly established in their chosen creative fields, working for leading media companies such as Google and the BBC or as arts administrators, journalists and media academics.

Why choose Glasgow?
This programme will train you in both mathematics and finance, making you highly desirable to employers, and uses guest lectures and tutors from the financial sector.

FINANCE & MATHEMATICS
Finance is the study of the theory and practice of financial decision making. Mathematics incorporates successful explorations into numerical, geometrical and logical relationships.

MA (Hons) (NG3C): Four years
See Accountancy & Finance entry requirements on pages 91 (Highers) and 100 (A-levels/IB).

BSc (Hons) (NG3C): Four years
See Accountancy & Finance entry requirements on pages 91 (Highers) and 100 (A-levels/IB).

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
• Metric spaces and basic topology
• Capital markets
• International financial markets
• Financial statement analysis
• Financial markets and financial institutions

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.

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.

Why choose Glasgow?
This programme will help you in both mathematics and finance, making you highly desirable to employers, and uses guest lectures and tutors from the financial sector.
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.

FRENCH

French involves the study of a key European and international language as well as the cultures it has influenced across the world.

Why choose Glasgow?

This programme will train you in both mathematics and finance, making you highly desirable to employers, and uses guest lecturers and tutors from the financial sector.

Why choose Glasgow?

As part of your French degree you can choose to focus on a whole range of topics including French comics, French song, travel writing, medieval France and contemporary French history.

GENETICS

Understanding genetics and molecular genetics is fundamental to all aspects of biology, modern medicine and biotechnology. Genetics affects all aspects of life. A Genetics degree opens up a whole world of job opportunities in science, industry, healthcare, forensics, and beyond.

Why choose Glasgow?

You will undertake laboratory training and acquire important transferable skills including problem solving, writing and presenting of reports, and critical analysis of written reports and data. Genetics at Glasgow is top in the UK for overall satisfaction (NSS 2018).

GENETICS

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

Why choose Glasgow?

You can study Gaelic folklore, song, modern medicine, healthcare, forensic, and beyond.

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.

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Why choose Glasgow?

As part of your French degree you can choose to focus on a whole range of topics including French comics, French song, travel writing, medieval France and contemporary French history.
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.

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?

The flexibility of our programmes will enable you to choose your specialist subject after an integrated first and second year which will prepare you for both degrees.

GEOLOGY

Geology is the study of the Earth, its structure, composition, and history, and its hazards and resources. Geology uses rocks, minerals and fossils to provide an integrated understanding of whole Earth processes in 4D, linking the deep Earth, its crust, the surface and the associated environments.

Why choose Glasgow?

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

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.

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.

GREEK

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

Why choose Glasgow?

You will read (depending on options chosen) Homer and other Greek poets, Athenian tragedies and comedies, orators and historians, and the philosopher Plato. You will also learn about Greek political and social history, philosophy, religion and art.

Note

You do not require previous knowledge of Greek.
The study of history is the study of change and continuity in human society through time. In this wide-ranging programme 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.

**MA (Hons) (V550): Four years**
- Joint Honours available; see page 117.
- See Arts entry requirements on pages 91 and 100.

**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 study other subjects in years 1 and 2.**

**Year 2**
You will study modern social and cultural history, and global history. These courses introduce you to new historical methods and approaches and represent a progression from first year.

**Year 3 and 4**
If you progress to Honours (years 3 and 4) you will choose from a range of non-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 19th century. American landscape history; Medieval Eastern cities 1800–1960; imperialism, cosmopolitanism and nationalism.

**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 and Morgan Stanley.

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**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.

**BSc (Hons) (C1W3): Four years**

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

See Science/Life Sciences entry requirements on pages 96 (Highers) and 105 (A-levels/IB).

**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.**

**Year 2**
You will develop your knowledge of fundamental aspects of biology and be introduced to specialist subject areas according to your interests.

**Years 3, 4 and 5**
Human Biology provides a wide-ranging approach to complement the Anatomy, Neuroscience, Pharmacology and Physiology degree programmes.

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, the assessment of cardiovascular and respiratory function, and introductory nutrition.

Students in year 4 choose four advanced Honours option courses. 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.

Final-year optional courses may change and places may be limited. Students are not guaranteed a place on a particular final-year option.

**Career prospects**
This is a new programme and it is anticipated that graduates will be well qualified to seek employment in a broad range of sectors in the NHS, in commerce, education and management.

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**Why choose Glasgow?**

Biological Sciences at Glasgow is ranked 3rd in Scotland (Complete University Guide 2019).
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.

BSc (Hons) (C184): Four years
See Science/Life Sciences entry requirements on pages 96 (Highers) and 105 (A-levels/IB).

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.

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.

Year 3 and 4
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.

In year 4, you will take three compulsory courses: Energy balance and lifestyle, Dietary assessment and nutrition epidemiology and Functional foods, and choose one from a range of optional courses. You will also carry out a substantial research project. You will develop a range of skills in nutrition and teamwork, and acquire useful experience for your future career.

Career prospects
This degree will provide you with a variety of career opportunities. You may choose to go into health promotion, lifestyle consultancy, food industry related opportunities. You may choose to go into health promotion, lifestyle consultancy, food industry related opportunities.

IMMUNOLOGY

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

BSc (Hons) (C550): Four years
MSCi: Five years
You may apply for transfer to the MSci pathway programme. MSci applications are NOT taken via UCAS.

See Science/Life Sciences entry requirements on pages 96 (Highers) and 105 (A-levels/IB).

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.

Year 2
You will develop your knowledge of fundamental aspects of biology and be introduced to specialist subject areas according to your interests.

Year 3, 4 and 5
If you progress to Honours (years 3 and 4), you will study the whole field of immunology as well as molecular biology, statistics and data analysis, in lectures and practical classes.

In year 4 you will study key concepts of immunology in greater depth. You will undertake a supervised laboratory research project.

The Honours programme covers the working of the immune system under physiological and pathological conditions, including infectious disease, vaccination, cancer, rheumatoid arthritis, cardiovascular diseases, and autoimmune and inflammatory pathologies.

Immunology can be taken as an MSci, which includes scientific computing, and autoimmune and inflammatory pathologies.

INTERNATIONAL RELATIONS

International relations is the study of how states and national societies interact across borders, especially in the areas of political, military, economic and cultural relations.

MA (SocSci) (Hons) (L250): Four years
Joint Honours available; see page 118.

See Social Sciences entry requirements on pages 97 (Highers) and 106 (A-levels/IB).

Year 1
Introduction to politics examines the British and Scottish political systems in a comparative perspective to introduce key concepts in the study of politics and foreign policy-making.

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.

Year 2
History of political thought examines political thought from the ancients, primarily Aristotle, through Machiavelli, Hobbes and Locke to Rousseau and Karl Marx.

Comparative politics in a globalising world explores and compares different countries to introduce students to the variety of political regimes that exist in the contemporary international system.

Years 3 and 4
At Honours level (years 3 and 4) you can choose from over 30 courses in politics and international relations, including Post-colonial international relations theory, Global environmental politics, Gender and development, Narratives on conflict in the Middle East, War & international security and Latin American politics.

Career prospects
Popular career destinations for our school’s graduates include the civil and foreign service, local government, the charity sector, international organisations, teaching, business and the armed forces.

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.

MA (Hons) (R310): Five years
Joint Honours available; see page 118.

See Arts entry requirements on pages 91 (Highers) and 100 (A-levels/IB).

Year 1
The course in year 1 focuses 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-beginners’ language and culture courses.

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

You will also study other subjects in years 1 and 2.

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.

Year 3 (year abroad)
If you progress to Honours you will spend your third year abroad, normally working as a language assistant in a school or studying at a university. The University has a number of exchange programmes and will provide support and advice.

Years 4 and 5
In addition to further language work, our two-year Honours programme enables you to choose from a wide range of courses including literature, cinema and other areas of culture.

Career prospects
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, translating and 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 and noted taught by leading academics who are experts in this field.

Why choose Italian?
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).

www.glasgow.ac.uk/ug/humanbiologynutrition
www.glasgow.ac.uk/ug/immunology
www.glasgow.ac.uk/ug/internationalrelations
www.glasgow.ac.uk/ug/italian

* Unistats (unistats.ac.uk), January 2019
* Unistats (unistats.ac.uk), January 2019
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See entry requirements on pages 91 (Highers) and 100 (A-levels/IB).
LATIN

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

MA (Hons) (Q600): Four years
Joint Honours available; see page 118.
Note: You do not require previous knowledge of Latin.
See Arts entry requirements on pages 91 (Highers) and 100 (A-levels/IB).

The level at which you enter depends on whether you have taken Latin before. If you are a complete beginner, or have studied some Latin, you will enter our Level 1 class. If you have a good Higher or A-level pass, you may be able to start Latin at Level 2.

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.

You will also study other subjects in years 1 and 2.

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, 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.

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, Elegy, Epic, Fiction, Drama, Satire and Oratory.

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

Career prospects
In recent years our graduates have found employment as teachers, civil servants, administrators, librarians and archivists, and 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.

Visit glasgow.ac.uk/ug/latin

LAW: COMMON LAW

The Common Law degree is intended for applicants from common law jurisdictions 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.

Common Law LLB (Hons) (M100): Four years
Common Law LLB (Fast Track) (M900): Two years, graduates only
Joint Honours available; see page 114.

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 England and Wales: the Legal Practice Course (LPC) or the Bar Professional Training Course (BPTC). A Joint Honours degree does not involve a period of additional study but please note that in some cases timetabling issues may arise.

Applicants should apply for either the Common Law LLB or the Scots Law LLB, not both, since we will only make an offer of a place on one LLB degree. Scottish students would normally be expected to apply for the Scots Law LLB. Scottish students applying for the Common Law LLB should make it clear in their application why they wish to be considered for this degree.

See Law entry requirements on pages 94 (Highers) and 102 (A-levels/IB).

Year 1
Initially you will study Common law tradition, Common law system and method, Constitutional law, Law of tort, English criminal law and Law of contract.

Year 2
In the following year, you will study European Union law, Jurisprudence, Law and government, English land law, Equity and trusts, Commercial law and Business organisations.

In addition, there is a range of optional courses from which to choose.

Years 3 and 4
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.

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 Legal Studies programme) or throughout the four years of the degree (the Law with Languages programme). Language study is an integrated part of the degree, during the first two years of which language skills will be carefully developed. Both programmes require you to spend your third year studying law in a partner university abroad, where teaching and learning take place in French, German, Italian or Spanish.

Two-year LLB (Fast track)
We offer an accelerated two-year programme for graduate entrants. For graduate entrants wishing to undertake three years of continuous study, the accelerated LLB can be followed by a one-year LLM.

The two-year degree is available to all applicants holding a first degree at minimum of 2:1 or equivalent; however, preference may be given to degrees in Social Sciences subjects.

Career prospects
If you intend to become a solicitor or barrister in England and Wales you must, in addition to the Common Law LLB, complete a one-year postgraduate vocational qualification: the Legal Practice Course (LPC) for solicitors or the Bar Professional Training Course (BPTC) for barristers and proceed to the remaining requirements of full-time training for professional qualification. There is then a period of full-time training for two years to become a solicitor or one year to become a barrister. To qualify for legal practice in other countries you must pass additional examinations in the appropriate legal system before proceeding to professional training and qualification. These requirements will vary according to the intended jurisdiction for professional practice.

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 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?
Glasgow School of Law has a hugely successful study abroad programme with more than 60% of students undertaking international mobility.

Visit glasgow.ac.uk/ug/commonlaw

* Unistats (unistats.ac.uk), January 2019
* Complete University Guide 2019
LAW: SCOTS LAW

The Scots Law degree is intended for applicants from Scotland or who are intending to pursue a legal career in Scotland. The Scots Law curriculum offers intellectual depth and has a range of flexible options reflecting a wide spectrum of interests within the School of Law.

Two-year LLB (Fast track)
The accelerated LLB allows graduates in other disciplines to obtain a degree in two years which will qualify them for entry to the Diploma in Professional Legal Practice and the solicitor branch of the legal profession. The two-year degree is available to all applicants holding a first degree at minimum of 2:1 or equivalent; however, preference may be given to degrees in Social Science subjects if places are oversubscribed.

LLB (Hons) (M114): Four years
LLB (Fast Track) (M115) – graduates only
Joint Honours available; see page 120.

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. A Joint Honours degree does not involve a period of additional study but please note that in some cases timetabling issues may arise.

Applicants should apply for either the Scots Law LLB or the Common Law LLB, not both, since we will only make an offer of a place on one LLB degree. Scottish students would normally be expected to apply for the Scots Law LLB.

Scottish students applying for the Common Law LLB should make it clear in their application why they wish to be considered for this degree.

See Law entry requirements on pages 94 (Highers) and 102 (A-levels/IB).

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 Legal Studies programme) or throughout the four years of the degree (the Law with Languages programme).

Language study is an integrated part of this degree, during the first two years of which language skills will be carefully developed. Both programmes require you to spend your third year studying Law in a partner university abroad, where teaching and learning take place in French, German, Italian, Portuguese or Spanish.

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. This is often 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 barrister in England and Wales after completion of the Scots Law degree, you can take a small number of additional subjects in the English legal system to qualify to undertake the Legal Practice Course (LPC) or the Bar Professional Training Course (BPTC) and proceed to the remaining requirements of full-time training for professional qualification.

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?
Glasgow School of Law has a hugely successful study abroad programme with more than 60% of students undertaking international mobility.

Why choose Glasgow?
Why choose Glasgow? We have an Exploration Society to help you organise and conduct scientific expeditions to all parts of the world.

MARINE & FRESHWATER BIOLOGY

Marine and freshwater biology is the study of the world’s aquatic environments.

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.

See Science/Life Sciences entry requirements on pages 96 (Highers) and 105 (A-levels/IB).

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.

Year 2
You will develop your knowledge of fundamental aspects of biology and you will be introduced to specialist subject areas according to your interests.

Year 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.

You will undertake an independent research project, carried out in the laboratory, or in the field, at home or abroad.

You can take Marine & Freshwater Biology 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 available final-year optional courses are subject to change each year. Places on optional courses may be limited, so students are not guaranteed a place on a particular final-year option.

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.

MATHMATICS

Mathematics is a vast and ever-growing subject which incorporates successful explorations of numerical, geometrical and logical relationships.

BSc (Hons) (G101): Four years
MSci (G101): Five years
MA (Hons) (G102): Four years

See Arts (for MA) or Science/Life Sciences (for BSc/MSci) entry requirements from pages 91 (Highers) and 100 (A-levels/IB).

Year 1
You will take a number of courses covering matrices, linear equations, probability, complex numbers, vectors and calculus.

You will also study other subjects in years 1 and 2.

Year 2
Courses 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.

Year 3, 4 and 5
If you progress to Honours (years 3 and 4), you will study a wide range of topics.

The Applied Mathematics courses allow students 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 undertake a project carried out under one-to-one supervision. There is also an opportunity to take an MSci degree over five years, which explores mathematics topics in greater depth and includes an individually supervised research project.

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 Stoyan, Cigna, Deloitte, Royal Bank of Scotland and Credit Suisse.
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.

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.

Why choose Glasgow?
You will benefit from our strong links with industry, with practitioners contributing to the lectures and providing employment opportunities.

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.

Why choose Glasgow?
Many engineering employers offer well paid summer placements and, in some cases, sponsorship.

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.

BEng (H300): Four years
MEng (H302): Five years
See Engineering entry requirements on pages 92–93 (Higher) and 101 (A-levels/IB).

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

Year 1
You will take a wide-ranging curriculum which includes courses in mechanical engineering, mathematics, dynamics, electronics, materials, fluids, mechanics, fluid mechanics, microelectronics, engineering computing, materials, power electronics, thermodynamics, design and manufacture.

Year 2
You will study further basic engineering subjects including applicable mathematics, applied mechanics, fluid mechanics, microelectronics, engineering computing, materials, power electronics, thermodynamics, design and manufacture.

Year 3
You will study more advanced engineering subjects including dynamics and control, fluid power, engineering design, fluid mechanics, thermodynamics of engines; heat transfer, instrumentation and data systems; 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 and a group design project. Year 4 MEng students undertake individual design projects including a multidisciplinary project. Year 5 of the MEng programme includes the final-year industrial project, and provides additional management skills and in-depth options of engineering subjects including mechanics of solids, dynamics and desalination technology.

Career prospects
Recent graduates have been employed by Babcock, Chevron, Wood Group, Spooner, Green Co., Mineral Water, Extreme Well Solution, Scottish Power Renewables, Jee Ltd, OyI Manufacturing, BAE Systems, Rolls-Royce and Scoopeurope.

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.

BEng (H34): Four years
MEng (H35): Five years
See Engineering entry requirements on pages 92–93 (Higher) and 101 (A-levels/IB).

You will study the same courses in the first three years on both the BEng and MEng degree programmes.

Year 1
You will take a wide-ranging curriculum including courses in aeronautics, mathematics, dynamics, electronics, materials, statics, thermodynamics and engineering skills. This interdisciplinary approach, favoured by industry, also makes it easy to switch to most other engineering disciplines 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, microelectronics, engineering computing, materials, power electronics, thermodynamics, design and manufacture.

Year 3
You will study more advanced engineering subjects including dynamics and control, fluid power, engineering design, fluid mechanics, thermodynamics of engines; heat transfer, instrumentation and data systems; materials and manufacture; mathematical modelling and simulation, and mechanics of materials and structures.

Years 4 and 5
In year 4 you will study a range of courses: advanced thermal engineering, control, lasers and electro-optic systems, materials engineering, mechanics of solids, robotics, vibration, renewable energy and design projects. In year 5 individual project work forms a major component of the MEng programme, which has a strong industrial bias. Further courses are chosen, including advanced control systems engineering and others. You will also undertake a management course.

Career prospects
Recent graduates have been employed by Babcock, Chevron, Wood Group, Spooner, Extreme Well Solution, Scottish Power Renewables, Jee Ltd, OyI Manufacturing, BAE Systems and Rolls-Royce.

MECHATRONICS

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.

BEng (H730): Four years
MEng (H731): Five years
See Engineering entry requirements on pages 92–93 (Higher) and 101 (A-levels/IB).

Accreditation is being sought for this programme. Please check the website for updates. 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 a wide-ranging curriculum which includes courses in mechanical engineering, mathematics, dynamics, digital and analogue electronics, materials, statics, thermodynamics and engineering skills. This interdisciplinary approach makes it easy to switch to most other engineering disciplines at the end of year 1 should you wish to do so.

Year 2
You will study applicable mathematics, applied mechanics, design and manufacture, microelectronics, thermodynamics, engineering computing, aerodynamics, mathematics, materials and power electronics.

Year 3
You will study more advanced engineering subjects: aerodynamics and fluid mechanics, aircraft performance, dynamics and control, flight mechanics, materials and manufacture, mathematical modelling and simulation, mechanics of materials and structures, propulsion and turbomachinery, and heat transfer.

Years 4 and 5
In year 4 you will study a range of core subjects plus a choice of advanced options. You will also undertake a team aerospace design project. Year 4 MEng students undertake a multidisciplinary group project. In year 5 of 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.

Career prospects
Graduates of this programme can expect to be much in demand in the aerospace industry with companies such as BAE Systems and Rolls-Royce, as well as in mainstream mechanical engineering.

Why choose Glasgow?
Many engineering employers offer well paid summer placements and, in some cases, sponsorship.

Why choose Glasgow?
You will benefit from our strong links to the aerospace industry due to the close collaboration with Babcock, Chevron, Wood Group, EPC, OyI Manufacturing, BAE Systems and Rolls-Royce.

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.

BEng (H34): Four years
MEng (H35): Five years
See Engineering entry requirements on pages 92–93 (Higher) and 101 (A-levels/IB).

You will study the same courses in the first three years on both the BEng and MEng degree programmes.

Year 1
You will take a wide-ranging curriculum including courses in aeronautics, mathematics, dynamics, electronics, materials, statics, thermodynamics and engineering skills. This interdisciplinary approach makes it easy to switch to most other engineering disciplines at the end of year 1 should you wish to do so.

Year 2
You will study applicable mathematics, applied mechanics, design and manufacture, microelectronics, thermodynamics, engineering computing, aerodynamics, mathematics, materials and power electronics.

Year 3
You will study more advanced engineering subjects: aerodynamics and fluid mechanics, aircraft performance, dynamics and control, flight mechanics, materials and manufacture, mathematical modelling and simulation, mechanics of materials and structures, propulsion and turbomachinery, and heat transfer.

Years 4 and 5
In year 4 you will study a range of core subjects plus a choice of advanced options. You will also undertake a team aerospace design project. Year 4 MEng students undertake a multidisciplinary group project. In year 5 of 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.

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MEDICINE

The Medical School generates and sustains excellence in education and research in a friendly, supportive and stimulating environment. Our medical graduates are highly regarded for the breadth of their undergraduate experience and ability.

MBSChB (A100): Five years

UCAT
All applicants must complete the University Clinical Aptitude Test (www.ucat.ac.uk) by the deadline date in the same year as application. Information on how the UCAT scores will be used in the admissions process is available at glasgow.ac.uk/medicine/mus/admissions.

Other requirements
Successful applicants are required to undertake satisfactory health and police checks before commencing Medicine. Information on standards of undergraduate medical students can be found at www.gmc-uk.org/education.

Applying for Medicine
Further information on MBSChB admissions and on disclosure checks (please refer to the online MBSChB Admissions Guide) can be found at glasgow.ac.uk/medicine/mus/admissions.

See Medicine entry requirements on pages 94 (Highers) and 103 (A-levels/IB).

Phase 1
Phase 1 occupies the first half of year 1. It is an overview of basic biomedical sciences, providing you with the knowledge required to engage in the rest of the undergraduate programme. You will undertake vocational and professional studies, have your first medical contact, 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 covers the anatomy, physiology, pharmacology, biochemistry (and related biomedical sciences) of the major clinical systems, as well as vocational and professional studies, Communication skills and Clinical skills.

Phase 3
Phase 3 occupies the first half of year 3 and covers clinical systems with a focus on pathophysiology. There are major contributions from pathology, microbiology, haematology, clinical biochemistry and clinical pharmacology, and the small-group teaching focuses on clinical cases, using case-based learning, with a clinical tutor. You will 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 care, with dedicated academic days. Teaching is structured around 5–10 week clinical attachments, and students rotate through general medicine and surgery, 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.

Vocational and professional studies
Our students have early contact with patients through hospital visits, clinical training and Communication skills, starting in year 1.

Clinical skills
The early years focus on clinical assessment, including normal clinical history, 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 a variety of student-selected components (SSCs) that allow you to personalise your learning experience. SSCs are five-week-long blocks selected from a range of available options and are taken in years 2, 3 and 4. Projects cover topics from the core curriculum as well as topics outside medicine including humanities and languages.

Electives
The MBSChB 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 designed to be of independent study in preparation for work experience in which you will shadow a Foundation Year 1 doctor. Almost all of our graduates start their careers as doctors with the NHS in hospitals around Scotland, although some travel further afield to various parts of England and Northern Ireland. Important information on GMC regulation can be found at glasgow.ac.uk/medicine/mus/admissions.

Year 1
You will be given a general introduction to the major clinical systems, and the first portion of the clinical system overview covers: child health, general practice, psychiatry, and a variety of hospital sub-specialties.

Year 2
You will also study other subjects in years 1 and 2.

Year 3 and 4
You will develop your knowledge of the major clinical systems, and the first portion of the clinical system overview covers: child health, general practice, psychiatry, and a variety of hospital sub-specialties.

Why choose Glasgow?
You will gain experience in clinical environments throughout the West of Scotland, including the Queen Elizabeth University Hospital, which boasts a purpose built learning and teaching facility, teaching laboratories and a state of the art clinical skills suite. Medicine at Glasgow is ranked 2nd in the UK (The Times and Sunday Times University League Table 2019).

Why choose Glasgow?
You will receive practical training in aspects of epidemiology at the Marine Biology Station at Millport in the Firth of Clyde.

MOLECULAR & CELLULAR BIOLOGY

Molecular and cellular biology combines genetics and biochemistry to understand life at the molecular level and it aims to explain how molecular function produces the hierarchy of living cells, tissues and ultimately whole organisms.

MSc: Five years

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.

Year 2
You will develop your knowledge of the major clinical systems, and the first portion of the clinical system overview covers: child health, general practice, psychiatry, and a variety of hospital sub-specialties.

Year 3 and 4
You will also study other subjects in years 1 and 2.

Year 4
You will develop your knowledge of the major clinical systems, and the first portion of the clinical system overview covers: child health, general practice, psychiatry, and a variety of hospital sub-specialties.

Career prospects
Our graduates are employed in many different industries, including public health and hospital laboratories, food, brewing and petroleum industries, water and aquaculture companies. Others choose to progress to postgraduate study and follow research careers. Our graduates are equipped with a flexible, broad-based training that takes them in many directions. The final-year options provide ample opportunity for specialisation towards your chosen career.

Why choose Glasgow?
You will gain hands-on experience of modern laboratory techniques.

MOLECULAR & CELLULAR BIOLOGY

Molecular and cellular biology combines genetics and biochemistry to understand life at the molecular level and it aims to explain how molecular function produces the hierarchy of living cells, tissues and ultimately whole organisms.

BSc (Hons) (C450): Four years

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.

Year 2
You will develop your knowledge of the major clinical systems, and the first portion of the clinical system overview covers: child health, general practice, psychiatry, and a variety of hospital sub-specialties.

Year 3, 4 and 5
You will learn about many aspects of molecular biology with particular emphasis on prevention, treatment and pathogenicity of bacterial, parasitic and viral infectious diseases. In year 4 you will choose from a range of specialised advanced courses and undertake a research project under supervision from within the University or an institution such as a hospital.

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 a research institute, in the UK or overseas, and often attracts a modest salary.

The available final-year optional courses may change each year and places may be limited.

Career prospects
Our graduates are employed in many different industries, including public health and hospital laboratories, food, brewing and petroleum industries, water and aquaculture companies. Others choose to progress to postgraduate study and follow research careers. Our graduates are equipped with a flexible, broad-based training that takes them in many directions. The final-year options provide ample opportunity for specialisation towards your chosen career.

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**MOLECULAR & CELLULAR BIOLOGY**

(With BIOTECHNOLOGY)

Biototechnology seeks to optimise the utilisation of microorganisms, animals, plants and their cellular components in industrial, medical and agricultural processes and in environmental management.

**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.

See Science/Life Sciences entry requirements on pages 96 (Highers) and 105 (A-levels/IB).

**Why choose Glasgow?**

You will gain hands on experience of modern laboratory techniques.

See glasgow.ac.uk/ug/biotechnology

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**MOLECULAR & CELLULAR BIOLOGY**

(With PLANT SCIENCE)

Plant science combines a broad range of approaches to understand how plants function in the natural world.

**BSc (Hons) (C200): Four years**

MSci: Five years

See Science/Life Sciences entry requirements on pages 96 (Highers) and 105 (A-levels/IB).

**Why choose Glasgow?**

You will gain hands on experience of modern laboratory techniques.

See glasgow.ac.uk/ug/plantscience

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**MUSIC**

(With Plant Science)

The BMus is a single-degree subject 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.

**BMus (W302): Four years**

See Music (BMus) entry requirements on pages 95 (Highers) and 103 (A-levels/IB).

**Why choose Glasgow?**

You will be given a bursary towards the cost of your own degree to cater to your own particular interests and strengths.

See glasgow.ac.uk/ug/musicbmus

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**MUSIC (MA)**

If you have practical experience in music and a keen interest in the technical, cultural, historical, and philosophical questions it opens up, this programme is for you.

**MA (Hons) (W300): Four years**

Joint Honours available; see page 118.

See Arts entry requirements on pages 91 (Highers) and 100 (A-levels/IB).

**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.

See glasgow.ac.uk/ug/musicma

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NEUROSCIENCE

Neuroscience is the study of the brain and the rest of the nervous system in humans and other animals.

BSc (Hons) (B140): Four years
MSc: Five years

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

We offer a Joint Honours degree programme in Psychology & Neuroscience (24R9).

See Science/Life Sciences entry requirements on pages 96 (Highers) and 105 (A-levels/IB).

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.

Year 2
You will develop your knowledge of fundamental aspects of biology and be introduced to specialist subject areas according to your interests.

Years 3 and 4
If you progress to Honours (years 3 and 4) you will take courses that 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 year 4 you will study four specialised neuroscience-related topics chosen from the Honours options. You will also complete a research project.

You will gain experience of practical techniques including experimental design, ways of gathering data and statistical analysis of data, and develop skills in collecting and presenting information.

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 a research institute in the UK or overseas.

The available final-year optional courses may change each year and students are not guaranteed a place on a particular final-year option.

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.

NURSING

As the largest group within the healthcare workforce, nurses have a pivotal role in achieving safe, effective and high-quality patient care. Nurses work within the multidisciplinary team, supporting patients to make informed decisions about their holistic healthcare requirements.

BN (Hons) (B700): Four years

Interviews
Applicants are normally invited for an interview. Interviews usually take place from January to March. Offers are normally made from late March to early April.

See Nursing entry requirements on pages 95 (Highers) and 104 (A-levels/IB).

Year 1
You will study a range of subjects including nursing, health studies, social sciences, life 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 and ethics. Life science subjects include anatomy, physiology, biochemistry and microbiology. Your core nursing course will include the study of pharmacology, nutrition, social policy, public health, nursing and an introduction to nursing research. The basic concepts of human disease and pathology will be introduced, providing a foundation for further study in year 3. You will also undertake four practice learning placements, two in the hospital setting and two in the community setting.

Year 3
Year 3 (Junior Honours) adopts a holistic approach to the in-depth study of adult patients and human diseases. You will continue your study of adult nursing, studied in tandem with a course in human disease and pathology. The advancing clinical skills course gives you the opportunity to develop a range of advanced clinical skills which will prepare you for an array of opportunities in clinical practice. You will also further develop your understanding of research and the relevance of research for nursing practice. You will undertake two practice learning placements within acute and critical care settings.

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, leadership and management in the nursing and healthcare context to further develop your understanding of the factors which affect care and the ways in which you can influence it.

Career prospects
The Bachelor of Nursing (Honours) 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.

Important information
During this programme, you will be required to attend placements anywhere within the Greater Glasgow area.

Please refer to glasgow.ac.uk/ug/nursing for details of additional subject-specific entry criteria.

Why choose Glasgow?
Nursing at Glasgow is ranked top in the UK (Complete University Guide 2019 and The Times and Sunday Times University League Table 2019).

glasgow.ac.uk/ug/neuroscience

glasgow.ac.uk/ug/nursing

* Unistats (unistats.ac.uk), January 2019
PHARMACOLOGY

Pharmacology is the study of drugs – not just medicines, but also 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.

BSc (Hons) (B210): Four years
MSci: Five years
You may apply for transfer to the MSci mid-programme. MSci applications are NOT taken via UCAS.

Note
Pharmacology is not the same as pharmacy and this degree does not qualify you as a pharmacist.

See Science/Life Sciences entry requirements on pages 96 (Highers) and 105 (A-levels/IB).

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.

MA (Hons) (V502): Four years
Joint Honours available; see page 119.
See Arts entry requirements on pages 91 (Highers) and 100 (A-levels/IB).

Year 1
You will study two courses, which will introduce you to a range of philosophical tools and ideas by thinking through a series of tough philosophical questions. You will learn how to think critically about what to believe and how to behave in everyday life, how to reason formally, what makes actions good or bad, and explore some deeper questions about the meaning of life and death.

You will also study other subjects in years 1 and 2.

Year 2
You will study two more courses, continuing to build your knowledge of the basic philosophical toolkit by exploring tough questions concerning our minds, our free will, and our identities as individuals and members of societies. You will also explore foundational questions about logic, metaphysics, science and religion.

Years 3 and 4
If you progress to Honours (years 3 and 4) you will study the principles of pharmacology and the effects and mechanisms of the major drugs, and undertake specialised study in molecular, cardiovascular and neuro-pharmacology. In year 3, you will learn the basic principles of quantitative pharmacology, practical skills and laboratory techniques. Fourth year includes four Honours option courses and a research project. By the end of year 4 you should be familiar with all aspects of drug action and able to originate hypotheses for new experiments, and to design and execute experiments to test them.

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

The available final-year optional courses may change each year and students are not guaranteed a place on a particular option.

Career prospects
Many of our graduates work in academia and the pharmaceutical industry. The majority of graduates continue with research studies and gain MSci and PhD qualifications before moving into employment.

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.

MSc: Five years
Theoretical Physics BSc (Hons) (F344): Four years
Theoretical Physics MSci (F340): Five years
Joint Honours available; see pages 119.
See Science/Life Sciences entry requirements on pages 96 (Highers) and 105 (A-levels/IB).

Year 1
You will gain a basic understanding of the core topics in theoretical physics and the methods of experimental physics, and obtain a solid foundation for further study of the subject. Topics include dynamics, wave motion, properties of matter, thermal physics, optics, electricity and magnetism, and quantum physics.

You will also study other subjects in years 1 and 2.

Year 2
You will train in more specialised experimental techniques and study the latest developments in modern particle physics research. Topics include physics of waves, dynamics, physics of solids, thermal physics, electricity and magnetism, and nuclear and particle physics, physics of condensed matter and mathematical techniques.

Years 3, 4 and 5
If you progress to Honours (years 3 and 4) you will study core areas like epistemology, metaphysics, formal logic, moral philosophy, philosophy of mind, and political philosophy. You will also take high-level specialist courses linked to the active research of teachers and researchers in the subject. In year 4 you will have the opportunity to write a dissertation, working one-to-one with a member of staff on a topic of your choice.

Career prospects
You will develop transferable skills and attributes which will be valuable in your future career. These include the ability to evaluate arguments and interpret text, 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 to teach in universities. Examples of recent destinations for Philosophy graduates include Hydrogen Group (recruitment consultant), Hopscotch Films (TV researcher), The Guardian (audience editor) and Civil Service fast track (Treasury and MoD).

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.

MSc: Five years
Theoretical Physics MSci (F340): Five years
See Science/Life Sciences entry requirements on pages 96 (Highers) and 105 (A-levels/IB).

Year 1
You will gain a basic understanding of the main topics in theoretical physics and be introduced to the methods of experimental physics, acquiring a solid foundation for further study in physics.

You will also study other subjects in years 1 and 2.

Year 2
You will learn more specialised experimental techniques and expand your knowledge of modern physics research. 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.

Years 3, 4 and 5
If you progress to Honours (years 3 and 4) you will study core areas in greater depth and specialise subjects of your choice, and undertake project work.

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. In the final year of your degree you will carry out an independently supervised project working at the cutting edge of international research.

There is an opportunity to take an MSci degree which explores physics topics in greater depth and includes a more extensive individually supervised project working at the cutting edge of international research.

Career prospects
The scientific knowledge and mathematical and analytical skills you acquire will equip you to work across a wide range of industries including aerospace, electronics, semiconductors, petroleum, communications, computing, medical physics, education, commerce and the Civil Service.

Why choose Glasgow?
Astronomy lectures are complemented by our observatory, planetarium and telescope facilities. You will learn how modern physics underpins our understanding of the universe.

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.

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PHYSIOLOGY

Physiology is concerned with the working of living organisms. It aims to understand the underlying processes and mechanisms operating in structures from single cells to the whole animal.

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

Year 4, 5
You will also study other subjects in years 1 and 2.

Year 4
You will also study other subjects in years 1 and 2.

Year 5
You will develop your knowledge of fundamental aspects of biology and be introduced to specialist subject areas according to your interests.

Career prospects
Physiology provides a broad scientific education, which allows you to pursue a career in research or related subjects and in areas such as universities and the pharmaceutical industry, scientific publishing and public health. In addition to physiology work on the investigation of diseases, graduates pursue career paths in neurophysiology, cellular physiology and the central nervous system, among other topics.

The available final-year optional courses may change each year and students are not guaranteed a place on any. You may apply for transfer to the MSci mid-programme. MSci applications are NOT taken via UCAS.

MA (SocSci) (Hons) (L202): Four years
Joint Honours available: see page 119.

Why choose Glasgow?
You will be introduced to a wide range of experimental techniques, as well as methods for analysing and presenting experimental results.

Why choose Glasgow?
Your final year can include working as an intern with sports professionals or physical activity/public health providers to gain valuable work experience. You can achieve funding through the College Scholarships to experience applied sports science within elite sport for a placement.

PHYSIOLOGY, SPORTS SCIENCE & NUTRITION

The importance of nutrition in sports and exercise science is increasingly recognised. This degree programme emphasises the scientific study of human performance in sport and exercise.

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

Year 2
You will also study other subjects in years 1 and 2.

Year 3
You will develop your knowledge of fundamental aspects of biology and be introduced to specialist subject areas according to your interests.

Career prospects
This degree will provide you with a variety of career opportunities in sports science and/or nutrition. You may choose to go into health promotion, the food and nutrition support industry, fitness testing, lifestyle consultancy or research. Other careers followed include accountancy and teaching. Several of our graduates have gone on to undertake postgraduate study in dietetics, physiotherapy or other specialist training, or to study for a PhD.

Why choose Glasgow?
You will study a wide variety of topics within the discipline of politics including courses in international relations, political theory and British politics. You will have the opportunity to take part in our growing study abroad programme.

Why choose Glasgow?
You will apply for transfer to the MSci mid-programme. MSci applications are NOT taken via UCAS.

Note: Sporting proficiency is not essential for admission to the programme, nor does the programme involve you directly in sport.

See Science/Life Sciences entry requirements on pages 96 (Highers) and 105 (A-levels/IB).

Why choose Glasgow?
You will study the physiological adaptations to exercise, nutrition and energetics, and complete specialist courses in statistics and molecular biology techniques. In year 4, you will take three compulsory courses and choose one from a range of optional courses. You will also carry out a substantial research project.
PORTUGUESE
Portuguese embraces the study of the languages, literatures and cultures of Brazil, Portugal and the wider Portuguese-speaking world.

PRODUCT DESIGN ENGINEERING
Product Design Engineering is jointly delivered by the University and the Glasgow School of Art and integrates engineering with design.

Years 1 and 2
You will take a wide-ranging curriculum which includes courses in product design in core areas such as cognition, (the Glasgow School of Art), mathematics, dynamics, electronics, materials, statics, thermodynamics and engineering skills. This interdisciplinary approach, favoured by industry, also makes it easy to switch to most other engineering disciplines at the end of year 1 should you wish to do so.

Year 3
The third year develops the application of theory through structured projects, with an increased amount of studio time at the Glasgow School of Art. You will study more advanced engineering subjects: materials and manufacture, dynamics, control and fluid power, heat transfer, mathematical modelling and simulation, and mechanics of materials and structures.

Years 4 and 5
In the final year of the BEng, you will propose your own programme of individual product development and prototyping, leading to concept and detailed design proposals. You will also study advanced subjects in engineering, management, manufacture and design.

In year 4 of the MEng degree you will follow a similar programme to the BEng, and undertake a group design project, with mechanical engineering and mechanical design engineering students. In year 5 you will work on your own programme of product development and prototyping, leading to concept and detailed design proposals. You will also study advanced manufacture, human factors, robotics and mechanics of solids.

Why choose Glasgow?
Portuguese at Glasgow offers a varied programme, in which you will work in small groups with native speakers from Portugal and Brazil. The programme has long established links with the Instituto Camões. You will have full access to our Language Resources Centre, which offers excellent audiovisual, digital and printed materials.

PSYCHOLOGY
Psychology is the scientific study of people: how they think, act, react and interact. It is concerned with all aspects of human behaviour and the thoughts, feelings and motivations underlying such behaviour.

What to expect
The University of Glasgow Q-Step Centre offers six degree programmes that integrate quantitative skills training within the School of Social & Political Sciences. All of these programmes aim to engage you with meaningful ways of understanding the social world.

What to expect
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.

Why choose Glasgow?
Portuguese at Glasgow offers a varied programme, in which you will work in small groups with native speakers from Portugal and Brazil. The programme has long established links with the Instituto Camões. You will have full access to our Language Resources Centre, which offers excellent audiovisual, digital and printed materials.
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.

Why choose Glasgow?
Glasgow is home to the Russian Institute, a leading centre for teaching Russian and Slavonic languages and literature. We also offer excellent materials in our dedicated language resource library.

MA (Hons): Five years
Russian can only be taken as a Joint Honours degree. See page 120 for options and UCAS codes.
Note: No prior knowledge of Russian is required.
See Arts entry requirements on pages 91 (Highers) and 100 (A-levels/IB).

Year 1
Previous knowledge of Russian is not required but you should have some flair for language learning. You will develop your communicative skills of speaking, writing, reading and understanding the spoken word. You will also be introduced to grammar and Russian texts. The pace of study is rapid, allowing you to achieve a high level of competence within a year. For those with some previous knowledge of Russian, a non-beginners’ pathway is also available.
You will also study other subjects in years 1 and 2.

Year 2
You will deepen your knowledge of Russian language and continue to focus on communicating confidently in spoken and written Russian. You will also learn about Russian culture.

Year 3 (year abroad)
If you progress to Honours you will spend your third year abroad, usually enrolled at a university, which we will help to arrange.

Years 4 and 5
We place a strong emphasis on achieving a high level of competence in the language. You will study literature, history and culture in depth, and can choose from a wide range of options to reflect your own interests.
Russian may only be taken as a Joint Honours Degree, so you will also study another subject.

Career prospects
Graduates in modern languages and cultures pursue rewarding careers in the media, teaching, journalism, commerce with Europe and America, industrialisation and 20th-century Scotland.
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, cities, castles, government, the Wars of Independence, Catholic belief and a Scottish church, Renaissance learning and culture, Reformation and absentee monarchy, Covenanting revolution, Cromwellian conquest, Union with England, 1707, commerce with Europe and America, industrialisation and 20th-century Scotland.
You will also study other subjects in years 1 and 2.

Year 2
You will study modern social and cultural history, and global history. These courses introduce you to new historical skills and approaches and represent an expansion from first year.

Years 3 and 4
If you progress to Honours (years 3 and 4) you can only take Scottish History as a Joint Honours degree in combination with another subject. It is most often combined with Celtic Studies. You may take courses on topics such as the Highland Clearances, the first Scottish War of Independence, international migration, Scottish popular culture, history of the Gaelic language and warfare in Scotland.

Career prospects
As a history graduate you will be able to enter many different careers, from teaching to the financial services, and the skills you will have developed are extremely popular with employers. Students have graduated by employed by Glasgow Museums, HarterCollins, Oxfam, Morgan Stanley and Police Scotland, among many other organisations.

Year 2
You will also study other subjects in years 1 and 2.

Year 3
You 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.
You will also study other subjects in years 1 and 2.

Year 4
You will explore older Scottish literature and language from the medieval period until the 18th century, including the great medieval Makars (poets) Dunbar and Henryson, and the foundational early play Ane Sayre of the Thrie Estaitis, as well as Ramsay, Smollett and Burns.

Why choose Glasgow?
Scottish History at Glasgow is the study of the poetry, drama, fiction and prose of Scotland, in English and Scots, from its beginning in the 14th century to the most contemporary work.

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 & 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.

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.

Why choose Glasgow?
Glasgow is home to the Russian Institute, a leading centre for teaching Russian and Slavonic languages and we also offer excellent materials in our dedicated language resource library.

MA (Hons): Four years
Scottish History can only be taken as a Joint Honours degree. See page 120 for options and UCAS codes.
See Arts entry requirements on pages 91 (Highers) and 100 (A-levels/IB).

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, cities, castles, government, the Wars of Independence, Catholic belief and a Scottish church, Renaissance learning and culture, Reformation and absentee monarchy, Covenanting revolution, Cromwellian conquest, Union with England, 1707, commerce with Europe and America, industrialisation and 20th-century Scotland.
You will also study other subjects in years 1 and 2.

Year 2
You will study modern social and cultural history, and global history. These courses introduce you to new historical skills and approaches and represent an expansion from first year.

Years 3 and 4
If you progress to Honours (years 3 and 4) you can only take Scottish History as a Joint Honours degree in combination with another subject. It is most often combined with Celtic Studies. You may take courses on topics such as the Highland Clearances, the first Scottish War of Independence, international migration, Scottish popular culture, history of the Gaelic language and warfare in Scotland.

Career prospects
As a history graduate you will be able to enter many different careers, from teaching to the financial services, and the skills you will have developed are extremely popular with employers. Students have graduated by employed by Glasgow Museums, HarterCollins, Oxfam, Morgan Stanley and Police Scotland, among many other organisations.

Why choose Glasgow?
Scottish History at Glasgow boasts renowned 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 and students are encouraged to get involved.

MA (Hons): G201: Four years
Joint Honours available; see page 121.
See Arts entry requirements on pages 91 (Highers) and 100 (A-levels/IB).

Year 1
You 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.
You will also study other subjects in years 1 and 2.

Year 2
You will explore older Scottish literature and language from the medieval period until the 18th century, including the great medieval Makars (poets) Dunbar and Henryson, and the foundational early play Ane Sayre of the Thrie Estaitis, as well as Ramsay, Smollett and Burns.

Years 3 and 4
If you progress to Honours (years 3 and 4) you will explore in depth new theoretical approaches to Scottish literature, and study widely in different periods from medieval Scottish literature to the contemporary scene. The topics offered to students at Honours level include beginnings to early modern, alternative Renaisances, history of Scots, history of the Scottish book, popular literary enlightenment, textual editing, Scottish crime fiction, Scottish journeys, modern Scottish poetry, memorialising Scottish culture and literature, and contemporary Scottish literature.

Career prospects
This degree equips you with skills valuable to many employers. Our graduates have gone into careers in media, journalism, teaching, research and education. Others have taken jobs with the BBC, the Herald newspaper, the National Library of Scotland, national publishers and television production companies.

Why choose Glasgow?
Scottish History at Glasgow boasts renowned 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 and students are encouraged to get involved.

SCOTTISH LITERATURE

Social and public policy focuses on finding ways to address global and local social issues such as poverty, housing, health and technology. 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.

Why choose Glasgow?
You’ll have the valuable opportunity of a work placement with a voluntary or public sector organisation.

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 & 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.

Why choose Glasgow?
Glasgow is home to the Russian Institute, a leading centre for teaching Russian and Slavonic languages and we also offer excellent materials in our dedicated language resource library.

MA (MSc) (L430): Four years
Joint Honours available; see page 121.
See Social Sciences entry requirements on pages 97 (Highers) and 106 (A-levels/IB).

Year 1
You will examine the development of policies and services such as healthcare and social security that were created to eradicate postwar social problems, through a focus on the Beveridge Report of 1942. You will have the opportunity to study current responses to globalisation and social problems such as housing, youth gangs, drugs misuse and urban deprivation through the lens of the city of Glasgow.
You will also study other subjects in years 1 and 2.

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, including differences in ideological and social agendas in an international context. You will study the politics and power dynamics of policy making, considering how social problems are constructed and why some are higher on the political agenda than others.

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 retirement. Their health, education, city planning, education, media and commerce.

Career prospects
This degree provides many of the analytical, literary and teamwork skills that employers are looking for. Our graduates pursue careers as managers, professionals and policy analysts in the private, voluntary and public sectors, including central and local government, in the UK and internationally. We work in diverse fields including housing, health, social services, advocacy, city planning, education, media and commerce.

Why choose Glasgow?
Glasgow addresses Scottish history in a genuinely cross-disciplinary environment and students are encouraged to get involved.

Why choose Glasgow?
Glasgow is home to the Russian Institute, a leading centre for teaching Russian and Slavonic languages and literature. We also offer excellent materials in our dedicated language resource library.

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 & 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.

Why choose Glasgow?
Glasgow is home to the Russian Institute, a leading centre for teaching Russian and Slavonic languages and literature. We also offer excellent materials in our dedicated language resource library.
SOCIOLGY

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.

SOFTWARE ENGINEERING

Software engineers develop and maintain large-scale complex software infrastructures. Our programme combines theoretical computing science with the principles and practices used in the modern software industry and gives you real-world experience.

SPANISH

Spanish is the second most widely spoken language in the world and is an official language in more than 20 countries.

STATISTICS

Statistics is the science of collecting, analysing, presenting and interpreting data.
TEACHING: EDUCATION WITH PRIMARY TEACHING QUALIFICATION

The Master of Education programme is an internationally recognised teaching qualification with a strong emphasis on the theory of learning and on how theory and practice are effectively used in the classroom to support all learners in the 21st century.

MA (Hons) (X123): Four years
This degree is taught at our Dumfries campus; see page 11.
See Teaching: Primary Education with Teaching Qualification (MA) (Dumfries Campus) entry requirements on pages 97 and 106.

This programme includes a substantial element of well-supported teaching experience. You will complete four school placements. In years 1–3 these last six weeks and in year 4 ten weeks with 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 a specific curricular area.

Year 1
Core areas include literacy, school experience, and mathematics: theory and pedagogy. There is a six-week school placement during May and June.

Year 2
Child development, mathematics, school experience, and literacy are continued from year 1. 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 a dissertation. There is a ten-week school placement in semester 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.

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.

DUMFRIES CAMPUS

TEACHING: PRIMARY EDUCATION WITH TEACHING QUALIFICATION

MA (Hons) (X123): Four years
This degree is taught at our Dumfries campus; see page 11.
See Teaching: Primary Education with Teaching Qualification (MA) (Dumfries Campus) entry requirements on pages 97 and 106.

This programme includes a substantial element of well-supported teaching experience. You will complete four school placements. In years 1–3 these last six weeks and in year 4 ten weeks with 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 a specific curricular area.

Year 1
Core areas include literacy, school experience, and mathematics: theory and pedagogy. There is a six-week school placement during May and June.

Year 2
Child development, mathematics, school experience, and literacy are continued from year 1. 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 a dissertation. There is a ten-week school placement in semester 2.

Career prospects
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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.

TEACHING: TECHNOLOGICAL EDUCATION

This degree programme qualifies you to teach technology craft, graphic communication, design and manufacture, and engineering science in all secondary schools.

BTechEd (H111): Four years
Interview policy
As part of our selection process you will be interviewed. Interviews normally begin in mid-December and will run until February.

Note: This programme is subject to change – please see our website for more details.

See Teaching: Technological Education (BTechEd) entry requirements on pages 98 (Highers) and 107 (A-levels/IB).

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 craft subjects and develop necessary skills so that you can successfully deliver the range of practical 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 can select an elective study in courses such as Advanced 3D design or Engineering systems and robotics.

Career prospects
Our graduates have an excellent record of finding employment as secondary school technology teachers and college lecturers. You are guaranteed one year as a probationary teacher upon graduation and can then begin to make your way through the various levels of promotion within schools. A number of our graduates go on to fund a graduate research, usually working towards a PhD in a topic relevant to their role as educators.

Why choose Glasgow?
Your teaching qualification is recognised abroad and many of our graduates have taken the opportunity to teach in places such as Australia, New Zealand and the USA.

TECHNE STUDIES

This degree programme examines the theatrical event and theatre culture from critical, historical and practical perspectives.

MA (Hons) (W440): Four years

See Arts entry requirements on pages 91 (Highers) and 100 (A-levels/IB).

Year 1
You will focus on two subject areas: Reading the stage – an introduction to different critical frames of performance theory and analysis; Theatre and society – the historical and contemporary role of theatre in society, giving you an understanding of some social, political and economic issues affecting theatre practice in a range of historical and geographical contexts.

You will also study other subjects in years 1 and 2.

Year 2
You will focus on two subject areas: Classical to modern – a historical and critical survey of the dominant forms of theatrical practice in Europe before 1900; Modernism to postdramatic – an introduction to European and American practitioners whose radical approaches to acting, directing, scenography and dramaturgy have redefined our understanding of the theatrical event.

Years 3 and 4
If you progress to Honours (years 3 and 4) you will take a course in performance theory and analysis. Optional courses include applied theatre, directing, writing for performance, advanced practice and work placement, as well as courses on documentary theatre, space and place, Renaissance theatre, performing memory, Victorian and Edwardian theatre, Samuel Beckett, queer performance, activist theatre, exhibiting cultures, and German theatre, among others.

Career prospects
Our graduates have gone on to a wide range of careers, many of which are closely connected to professional theatre-making, arts production and management. Recent graduates have, for instance, become successful theatre directors, casting agents, arts managers and administrators, stand-up comedians and playwrights. Others take career paths in, for example, teaching or community arts.

Why choose Glasgow?
We have close connections with the theatre industry, giving you opportunities to work with practitioners of national and international standing.

Why choose Glasgow?
This programme offers you the opportunity to graduate with an MA (Hons) in Theatre Studies 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.

glossg.ac.uk/ug/primaryeducation

* Unistats (unistats.ac.uk), January 2019

* Unistats (unistats.ac.uk), January 2019
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.

MA (Hons) (V621): Four years
BD (Hons) (V600): Four years
BD (Min) (Hons) (V650): Four years

See Arts and Divinity entry requirements on pages 91 (Highers) and 100 (A-levels/IB).

You can take Theology & Religious Studies as an MA degree, or if you are training for the ministry or specialising in Christianity for other reasons, we also offer the specialist/professional BD and BD (Min) degrees. The structure of the programmes differs in the first two years of study.

MA

Theology and religious studies is concerned with the critical study of religion. This programme is designed to cater for the interests of students of all faiths and none, allowing you to study a variety of religions or to focus upon the Christian tradition.

It will develop your awareness of the rich scriptural, cultural, artistic and philosophical heritage of humankind.

As part of this programme you will be able to study a wide variety of subjects across the sub-disciplines of theology and religious studies. You are also able to study other subjects offered by the University and shape your own degree programme.

You will also study other subjects in years 1 and 2.

Year 1

In year 1 you might choose to focus upon the Bible and Christianity or gain a greater understanding of a wide range of religious traditions. At the same time you will be introduced to some key concerns shared by those who work in theology and religious studies.

Year 2

In year 2 you will develop your understanding further by progressing in your studies of the Christian tradition or other world faiths.

BD and BD (Min)

The BD and BD (Min) have been developed in conversation with partners from a number of churches and voluntary bodies. These specialist degrees are primarily designed for those who intend to focus on theological concerns in their later professional life through working in pastoral ministry, the caring professions or voluntary organisations. They combine rigorous academic study with placement work and small group reflection and offer the opportunity to reflect in depth upon experience in a supportive and challenging environment.

The BD (Min) programme is primarily aimed at recognised candidates for ordained ministry. The BD is open to all and covers a very similar syllabus.

Year 1

You will take introductory courses on the Bible, theology and religious studies. These will introduce you to some of the basic concerns of those studying religion today and give you tools for analysis and critical thinking. You will also take courses exploring theological reflection and worship which will help you to understand how theology is “put to work” in the daily lives of Christians and the practice of the Church. You will undertake a placement, which is an integral part of the degree programme.

Year 2

In your second year you will continue to take courses in the Bible and theology. You will also study ethics and pastoral practice. You will explore some of the issues that confront believers today as they seek to reconcile their faith with the many challenges presented by contemporary technological, social and environmental change.

MA and BD/BD (Min)

Years 3 and 4

If you successfully complete the courses in first and second year, you may progress to Honours (years 3 and 4).

Your Honours courses are chosen from a wide range of options including:

- Catholicism
- Church and society in Scotland
- Current issues
- Classical Hebrew
- Genesis
- Holocaust and the ethics of representation
- Jesus Christ since 1900
- Modern Judaism
- New Testament theology
- Old Testament/Tanakh texts
- Reading Islam
- Religion in modern Iran
- Roots of sectarianism
- Studies in the history and theology of the Reformation
- Theology through creative writing
- Worship, liturgy and preaching

Why choose Glasgow?

You can study new languages from scratch: Greek and Hebrew are available from beginners level upward, so that you can learn to read the ancient texts of the Hebrew Bible and the New Testament in their original languages.

glasgow.ac.uk/ug/theologyreligiousstudies

VETERINARY BIOSCIENCES

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.

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.

See Veterinary Biosciences entry requirements on pages 98 (Highers) and 107 (A-levels/IB).

Year 1

In the first year of the programme you will study a range of subjects including animal anatomy and physiology, chemistry and biology.

Year 2

You will study principles of animal management, physiology and molecular sciences and receive training in basic research skills.

Year 3

You will study the pathogenesis, diagnosis and management of disease and develop an appreciation of current challenges in these fields.

Year 4

In the final year of the programme you will develop advanced professional and quantitative skills and study population medicine, epidemiology and animal welfare and ethics. You will undertake a research project in the School or another approved institution.

MSci

You will have the opportunity to undertake a placement year as part of a five-year MSci, in industry or other research organisations in the UK or abroad.

Career prospects

The unique programme prepares students for a varied and fulfilling range of careers in veterinary biosciences. Our students have progressed to graduate degrees in specialist areas of biomedical sciences, as well as directly into careers in animal nutrition, animal care, conservation and welfare, public health, veterinary diagnostic and scientific research, veterinary physiotherapy, secondary school teaching, the pharmaceutical industry, and epidemiological and disease risk assessment.

Why choose Glasgow?

The programme is delivered by leading expert life scientists and veterinary clinicians. Glasgow is ranked 1st in the UK for Animal Science (The Times and Sunday Times University League Table 2019) and one of the best in the UK for quality of veterinary research (REF 2014).

glasgow.ac.uk/ug/veterinarybiosciences

* Unistats (unistats.ac.uk), January 2019

* Unistats (unistats.ac.uk), January 2019
VETERINARY MEDICINE & SURGERY

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.

BSVMS (D100): Five years

Interviews
Candidates seriously considered for admission to the BVMMS programme will normally be interviewed between December and February before a final decision is reached.

See Veterinary Medicine & Surgery entry requirements on pages 98 (Highers) and 107 (A-levels/IB).

Purpose and goals
The BVMMS 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.

Programme structure
The programme is delivered over five years and is divided into three phases. Through team-working and individual activities, you will develop the skills required for lifelong independent learning.

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-breeding techniques, learn skills such as suturing, and develop your communication skills, culminating in the art of history taking and clinical examination.

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.

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 wildlife, zoo and exotic) 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 BVMMS students following their second or third year to take either one or two years out of the BVMMS programme and study for an additional degree programme (both at Bachelors – BSc, BSc-Vet Sci (Hons) – and Masters levels – MSc, MRes or MVPh), after which you then re-enter the BVMMS programme.

Career prospects
As a graduate of Veterinary Medicine at Glasgow, you can register as a member of the Royal College of Veterinary Surgeons (RCVS). Along with the University’s accreditation by the American Veterinary Medical Association (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.

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. Glasgow is ranked 1st in the UK for Veterinary Medicine (The Times and Sunday Times University League Table 2019).

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.

ZOOLOGY

Zoology is the scientific study of all aspects of animals, their structure, function, ecology and evolution.

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.

See Science/Life Sciences entry requirements on pages 96 (Highers) and 105 (A-levels/IB).

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.

Year 2
You will develop your knowledge of fundamental aspects of biology and be introduced to specialist subject areas according to your interests.

Years 3, 4 and 5
If you progress to Honours (years 3 and 4) fieldwork becomes an important component of your study mix. Specific topics you may study include invertebrate and vertebrate biology, ecology, molecular ecology, animal physiology, parasitic biology, and marine biology. There are also courses on experimental design, data collection and analysis.

A major component of your final year is an independent research project.

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

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.

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* Unistats (unistats.ac.uk), January 2019

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* Unistats (unistats.ac.uk), January 2019
HOW TO APPLY AND ENTRY REQUIREMENTS
HOW TO APPLY

IF YOU ARE 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 OF THE UK.

When do I apply?
UCAS closing dates for 2020 entry are:
· 15 October 2019: application deadline if applying to Dentistry, Medicine, Veterinary Medicine or applying to Oxford or Cambridge.
· 15 January 2020: application deadline for all other degree programmes for UK/EU students.
· 30 June 2020: application deadline for all other degree programmes from international (non-EU) students.

How soon will I receive a decision?
We respond to all applications as soon as possible. For UK/EU students we will normally respond by no later than 31 March 2020.

If we can make you an offer, you will receive either an unconditional or conditional offer. If you already meet all of our entry requirements you may receive an unconditional offer. If you haven’t gained the necessary entry requirements at the point of application, we may look at the qualifications you are taking and consider making a conditional offer.

Is deferred entry possible?
Dentistry and Veterinary Medicine are unable to consider deferred entry. In other cases it may be possible but it is not granted automatically. Please contact our Admissions Team for more information.

SQA HIGHER AND ADVANCED HIGHER ENTRY REQUIREMENTS

IF YOU ARE 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 OF THE UK.

When do I apply?
UCAS closing dates for 2020 entry are:
· 15 October 2019: application deadline if applying to Dentistry, Medicine, Veterinary Medicine or applying to Oxford or Cambridge.
· 15 January 2020: application deadline for all other degree programmes for UK/EU students.
· 30 June 2020: application deadline for all other degree programmes from international (non-EU) students.

How soon will I receive a decision?
We respond to all applications as soon as possible. For UK/EU students we will normally respond by no later than 31 March 2020.

If we can make you an offer, you will receive either an unconditional or conditional offer. If you already meet all of our entry requirements you may receive an unconditional offer. If you haven’t gained the necessary entry requirements at the point of application, we may look at the qualifications you are taking and consider making a conditional offer.

Is deferred entry possible?
Dentistry and Veterinary Medicine are unable to consider deferred entry. In other cases it may be possible but it is not granted automatically. Please contact our Admissions Team for more information.

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

Accountancy (BAcc)
+44 (0)141 330 5562
elaine.shorilt@glasgow.ac.uk

Arts (MA/BD/BD (Mini))
+44 (0)141 330 5562
elaine.shorilt@glasgow.ac.uk

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

Engineering (BEng/MEng)
+44 (0)141 330 7012
noreen.ingle@glasgow.ac.uk

Law (LLB)
+44 (0)141 330 7449
heike.wilson@glasgow.ac.uk

Medicine (MBChB)
+44 (0)141 330 6218/8174
med-sch-admissions@glasgow.ac.uk

Music (BMus)
+44 (0)141 330 6065
martin.dixon@glasgow.ac.uk

Nursing (BN)
+44 (0)141 330 3917
nursing-sch-admissions@glasgow.ac.uk

Science (BSc/MSci)
+44 (0)141 330 5164
elaine.shortt@glasgow.ac.uk

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

Teaching (MEduc/MA/BTechEd)
+44 (0)141 330 2463
education-admissions@glasgow.ac.uk

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

Part-time study in Arts and Science degrees
+44 (0)141 330 5164
elaine.shortt@glasgow.ac.uk

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

Part-time study in Arts and Science degrees
+44 (0)141 330 5164
elaine.shortt@glasgow.ac.uk

Q: What do I need to apply for the degree programme I want to study?
A: You'll need academic qualifications, a personal statement and a reference – we call these our Entry Requirements. For some specific degree programmes you may also need to:
· come to an interview or audition
· sit an admissions test
· provide evidence of relevant work or voluntary experience

If English is not your first language, you will normally need to provide evidence of your English language skills through suitable qualifications. See page 22 for details.

You must apply and complete the above by the UCAS deadline specified on page 88 and the University website’s degree pages, see glasgow.ac.uk/undergraduate/degrees.

Q: What do I need to apply for the degree programme I want to study?
A: You’ll need academic qualifications, a personal statement and a reference – we call these our Entry Requirements. For some specific degree programmes you may also need to:
· come to an interview or audition
· sit an admissions test
· provide evidence of relevant work or voluntary experience

If English is not your first language, you will normally need to provide evidence of your English language skills through suitable qualifications. See page 22 for details.

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A: You'll need academic qualifications, a personal statement and a reference – we call these our Entry Requirements. For some specific degree programmes you may also need to:
· come to an interview or audition
· sit an admissions test
· provide evidence of relevant work or voluntary experience

If English is not your first language, you will normally need to provide evidence of your English language skills through suitable qualifications. See page 22 for details.

You must apply and complete the above by the UCAS deadline specified on page 88 and the University website’s degree pages, see glasgow.ac.uk/undergraduate/degrees.

Q: What additional qualification do I need for entry?
A: The qualifications and grades you need vary by degree programme and are outlined in the following tables. Depending on your personal circumstances, you may receive an adjusted offer of entry (see next questions)

Entry requirements for A-level and International Baccalaureate (IB) candidates are detailed in the next section, as are Advanced Entry and Faster Route options.

Q: What do I need to apply for the degree programme I want to study?
A: You'll need academic qualifications, a personal statement and a reference – we call these our Entry Requirements. For some specific degree programmes you may also need to:
· come to an interview or audition
· sit an admissions test
· provide evidence of relevant work or voluntary experience

If English is not your first language, you will normally need to provide evidence of your English language skills through suitable qualifications. See page 22 for details.

You must apply and complete the above by the UCAS deadline specified on page 88 and the University website’s degree pages, see glasgow.ac.uk/undergraduate/degrees.

Q: Will I receive an offer?
A: Each table will say if you are guaranteed an offer of entry, or not, if you meet our SS STANDARD Entry Requirements AND any other ADDITIONAL Requirements.

If you do not achieve the grades stated by the end of S5, you will need to achieve our SS MINIMUM Entry Requirements (if applicable) to be considered for an S6 offer. Depending on the competitiveness of entry to a subject, we may not be able to make offers to any applicants who have not met the STANDARD entry requirements. For UK/EU students we aim to respond no later than 31 March 2020.

An S6 conditional offer would be based on achieving further grades by the end of S6, so that your combined grades meet our S6 STANDARD Entry Requirements AND any ADDITIONAL Requirements. If you have any queries, please email ugadmissions@glasgow.ac.uk.
ENTRY REQUIREMENTS

CONTINUED

Q: Am I eligible for an ADJUSTED offer of entry?
A: The University of Glasgow is committed to widening access. We believe all applicants should have an equal chance of entry and we strive to identify your full talent and potential, regardless of background or life circumstance. On an individual basis, we consider all the circumstances which may have prevented you from meeting our standard entry requirements. We guarantee to make you an adjusted offer if you meet the criteria below AND achieve our S6 ADJUSTED Entry Requirements, or the ADJUSTED cumulative entry requirement of an S6 offer, PLUS any ADDITIONAL Requirements. Each table also states whether we will consider making you an offer with lower grades.

You are GUARANTEED an adjusted offer if you:
- have successfully completed a Pre-entry programme
- live in a specified postcode area
- have experience of being in care
- are estranged from family and living without family support

You may be considered for an adjusted offer if you do not meet the above criteria, but:
- are seeking asylum in the UK
- have refugee status

Our Pre-entry programmes include:
- For learners in schools:
  - University of Glasgow Access Courses
    glasgow.ac.uk/access
  - Scottish Wider Access Programme (SWAP)
    Access Courses taught in FE Colleges
    scottishwideraccess.org

We may also accept successful completion of a comparable Pre-entry programme at another university if you have not completed one of the above.

If you have any queries, please email widening-access@glasgow.ac.uk.

Q: Do you accept HNCs and HNDs?
A: Higher National Certificates (HNCs) and Higher National Diplomas (HNDs) may allow you to enter either the first or second year of a degree at Glasgow, dependent upon the HNC/ HND programme and the degree programme you want to study at the University. You will need to achieve the stated entry requirements to be considered for an offer, which may include an SQA Higher.

The University of Glasgow runs bespoke HNC courses for some subjects, in partnership with Glasgow FE Colleges, which guarantee entry to year 2 if successfully completed. Details can be found in the Higher National Qualifications: HNC or HND section at glasgow.ac.uk/undergraduate/entryrequirements if you have any queries, please email widening-access@glasgow.ac.uk.

Accountancy & Finance (BAcc), Accounting & Mathematics, Accounting & Statistics, Finance & Mathematics and Finance & Statistics (BSc)

<table>
<thead>
<tr>
<th>Qualification</th>
<th>S5 STANDARD Entry Requirements</th>
<th>S5 MINIMUM Entry Requirements</th>
<th>S6 STANDARD Entry Requirements</th>
</tr>
</thead>
<tbody>
<tr>
<td>SQA Higher Requirements</td>
<td>AAAAB guaranteed offer if meet additional requirements</td>
<td>ABBB to be considered for S6 offer</td>
<td>AAAAB guaranteed cumulative grade requirement for S6 offer holders</td>
</tr>
<tr>
<td>ADDITIONAL Requirements</td>
<td>Higher Mathematics at Grade A for combinations that include Mathematics or Statistics, Grade B for other combinations, and Higher English or a Humanities subject at Grade A or B.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ADJUSTED Higher Requirements</td>
<td>ABBBB/BBBBBBBB guaranteed offer if meet additional requirements</td>
<td>No minimum at S5</td>
<td>ABBBB/BBBBBBBB guaranteed cumulative requirement for S6 offer holders, considered for offer at BBBBB</td>
</tr>
<tr>
<td>ADDITIONAL Requirements</td>
<td>Higher Mathematics at Grade B and Higher English or a Humanities subject at Grade B. Successful completion and grades in either the Top-Up Programme or Summer School. Applicants who successfully complete the Access to a Career in Accounting Programme also have to attend and pass the Top-Up Programme or Summer School. Applicants for combinations that include Mathematics or Statistics with less than Advanced Higher Mathematics at Grade B must also successfully complete Maths in Summer School (including those taking Top-Up).</td>
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</tr>
</tbody>
</table>

Arts (MA) and Divinity (BD)

<table>
<thead>
<tr>
<th>Qualification</th>
<th>S5 STANDARD Entry Requirements</th>
<th>S5 MINIMUM Entry Requirements</th>
<th>S6 STANDARD Entry Requirements</th>
</tr>
</thead>
<tbody>
<tr>
<td>SQA Higher Requirements</td>
<td>AAAA/AAAABB guaranteed offer if meet additional requirements</td>
<td>ABBB to be considered for S6 offer</td>
<td>AAAAAB guaranteed cumulative grade requirement for S6 offer holders</td>
</tr>
<tr>
<td>ADDITIONAL Requirements</td>
<td>Higher English at Grade A or B and a Higher Humanities or Language subject at Grade A or B. Applicants who wish to study Mathematics, Statistics or Computing Science, or any degree combination that includes these subjects, must also meet relevant requirements in the Science (BSc) table on page 96. Applicants wishing to study MA Music will be required to have either Higher Music at Grade B or above, OR ABRSM Grade 5 Theory. Please note BMus Music has separate entry requirements, detailed in the BMus table on page 96.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ADJUSTED Higher Requirements</td>
<td>ABBBB/BBBBBB guaranteed offer if meet additional requirements.</td>
<td>No minimum at S5</td>
<td>ABBBB/BBBBBB guaranteed cumulative grade requirement for S6 offer holders. Considered for offer at BBBBB</td>
</tr>
<tr>
<td>ADDITIONAL Requirements</td>
<td>Higher English at Grade B and a Higher Humanities or Language subject at Grade B. Applicants who wish to study Mathematics, Statistics or Computing Science, or any degree combination that includes these subjects, must also meet relevant requirements in the Science (BSc) table on page 96. Successful completion and grades in either the Top-Up Programme or Summer School. Applicants wishing to study MA Music will be required to have either Higher Music at Grade B or above, OR ABRSM Grade 5 Theory. Please note BMus Music has separate entry requirements, detailed in the BMus table on page 96.</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Community Development (BA)

<table>
<thead>
<tr>
<th>Qualification</th>
<th>S5 STANDARD Entry Requirements</th>
<th>S5 MINIMUM Entry Requirements</th>
<th>S6 STANDARD Entry Requirements</th>
</tr>
</thead>
<tbody>
<tr>
<td>SQA Higher Requirements</td>
<td>AAB/ABBB guaranteed offer if meet additional requirements</td>
<td>No minimum at S5</td>
<td>AAB/ABBB guaranteed cumulative grade requirement for S6 offer holders</td>
</tr>
<tr>
<td>ADDITIONAL Requirements</td>
<td>This is a work-based learning programme therefore all applicants must have at least two days per week of paid or unpaid work in the broad field of community development. Applicants with no formal qualifications are encouraged to apply on the premise they have extensive experience within a community development setting.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ADJUSTED Higher Requirements</td>
<td>There are no adjusted Higher requirements for this degree programme.</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
**Engineering (BEng)**

<table>
<thead>
<tr>
<th>Qualification</th>
<th>S5 STANDARD Entry Requirements</th>
<th>S5 MINIMUM Entry Requirements</th>
<th>S6 STANDARD Entry Requirements</th>
</tr>
</thead>
<tbody>
<tr>
<td>SOA Higher Requirements</td>
<td>AABB (must include A in Chemistry or Biology/Human Biology)</td>
<td>AAAAB and Advanced Higher Biology or Chemistry at B</td>
<td></td>
</tr>
<tr>
<td>ADDITIONAL Requirements</td>
<td>Higher Biology/Human Biology at Grade A AND Higher Chemistry at Grade A AND Higher English (or ESOL) at Grade C AND Higher Mathematics OR Higher Physics. Applicants also require Advanced Higher Biology or Chemistry at Grade B. S6 study should include at least three subjects and MUST include at least one Advanced Higher (Chemistry and/or Biology). Work Experience (minimum of three days). UCAT (see note below). Interview.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ADJUSTED Higher Requirements</td>
<td>No entry from S5</td>
<td>No minimum at S5 (but no entry from S6)</td>
<td>AABB by end of S6 and Advanced Higher Biology or Chemistry at B</td>
</tr>
<tr>
<td>ADDITIONAL Requirements</td>
<td>Higher Biology/Human Biology at Grade A AND Chemistry at Grade A AND Advanced Higher Biology OR Chemistry at Grade B. Applicants who have attained the above grades and have a UCAT score which is no more than 10% below the standard threshold will be considered for interview. Successful completion and grades in the Reach Programme.</td>
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</tr>
</tbody>
</table>

Note: UCAT. All applicants to Medicine and Dentistry must complete the University Clinical Aptitude Test by the deadline date in the same year as application. The UCAT score together with meeting STANDARD and ADDITIONAL Entry Requirements will be used to select applicants for interview. The UCAT score cut-off points vary from year to year. Information on how to sit the test can be found at www.ucat.ac.uk.

The Dentistry (BDS) Person Specification document outlines all entry requirements and UCAT information for applicants; this can be found at glasgow.ac.uk/schools/dental/undergraduate.

**Engineering (MEng)**

<table>
<thead>
<tr>
<th>Qualification</th>
<th>S5 STANDARD Entry Requirements</th>
<th>S5 MINIMUM Entry Requirements</th>
<th>S6 STANDARD Entry Requirements</th>
</tr>
</thead>
<tbody>
<tr>
<td>SOA Higher Requirements</td>
<td>AAAA guaranteed offer if meet additional requirements</td>
<td>AAAA to be considered for S6 offer</td>
<td>AAAA and Advanced Highers at AB cumulative grade requirement for S6 offer holders (equivalent to AAAAA at Higher)</td>
</tr>
<tr>
<td>ADDITIONAL Requirements</td>
<td>Entry from S5 requires Higher Mathematics AND either Higher Physics or Engineering Science - both at Grade A. Entry from S6 requires applicants to have attained Higher Mathematics in S5 AND either Higher Physics or Engineering Science in S6 – both at Grade A. S6 entry also requires Advanced Higher Mathematics. Applicants to Electronic &amp; Software Engineering must also meet the requirements for Computing Science in the Science (BSc) table on page 96.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ADJUSTED Higher Requirements</td>
<td>There are no adjusted Higher requirements for this degree programme.</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Environmental Science & Sustainability (BSc) (Dumfries Campus)**

<table>
<thead>
<tr>
<th>Qualification</th>
<th>S5 STANDARD Entry Requirements</th>
<th>S5 MINIMUM Entry Requirements</th>
<th>S6 STANDARD Entry Requirements</th>
</tr>
</thead>
<tbody>
<tr>
<td>SOA Higher Requirements</td>
<td>BBBB guaranteed offer if meet additional requirements</td>
<td>No minimum at S5</td>
<td>BBBB cumulative grade requirement for S6 offer holders</td>
</tr>
<tr>
<td>ADDITIONAL Requirements</td>
<td>A minimum of one (preferably two) Highers from Biology, Biotechnology, Chemistry, Computing Studies, Geography, Geology, Human Biology, Information Systems, Managing Environmental Resources, Mathematics or Physics.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ADJUSTED Higher Requirements</td>
<td>There are no adjusted Higher requirements for this degree programme.</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Health & Social Policy (MA) (Dumfries Campus)**

<table>
<thead>
<tr>
<th>Qualification</th>
<th>S5 STANDARD Entry Requirements</th>
<th>S5 MINIMUM Entry Requirements</th>
<th>S6 STANDARD Entry Requirements</th>
</tr>
</thead>
<tbody>
<tr>
<td>SOA Higher Requirements</td>
<td>BBBB guaranteed offer</td>
<td>No minimum at S5</td>
<td>BBBB cumulative grade requirement for S6 offer holders</td>
</tr>
<tr>
<td>ADDITIONAL Requirements</td>
<td>There are no additional requirements for this degree programme.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ADJUSTED Higher Requirements</td>
<td>There are no adjusted Higher requirements for this degree programme.</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
### Entry Requirements

#### SQA Higher Requirements

- **AAAAA/AAAAABB**
  - guaranteed offer if meet additional requirements
- **AAABB**
  - to be considered for S6 offer
- **AAA** and two Advanced Highers at **BB**
  - cumulative grade requirement for S6 offer holders

#### ADDITIONAL Requirements

- All applicants who do not have Mathematics at Higher must have National 5 Mathematics at Grade B.
- Applicants to BSc: Two Higher Science subjects (or Mathematics plus one Science subject) at Grades **AB** or **BA**.
- Applicants who wish to study Mathematics, Statistics, Neuroscience or Computing Science, or any degree combination that includes these subjects, must also meet the relevant requirements in the Science (BSc) table on page 96.
- Applicants to MA Arts: Higher English and a Higher Humanities or Language subject at Grades **AB** or **BA**.
- Applicants to MA (SocSci): Higher English or a Higher Humanities or Language subject at Grades **AB** or **BA**.

#### ADJUSTED Higher Requirements

- **AAABB/BBBBBB**
  - guaranteed offer if meet additional requirements
- **No minimum at S5**
- **AAABB/BBBBBB**
  - cumulative grade requirement for S6 offer holders
  - Considered for offer at **BBBBBB**

#### ADDITIONAL Requirements

- Successful completion and grades in either the Top-Up Programme or Summer School.
- All applicants who do not have Mathematics at Higher must have National 5 Mathematics at Grade B.
- Applicants to BSc: Two Higher Science subjects (or Mathematics plus one Science subject) – both at Grade B.
- Applicants who wish to study Mathematics, Statistics, Neuroscience or Computing Science, or any degree combination that includes these subjects, must also meet the relevant requirements in the Science (BSc) table on page 96.
- Applicants to MA Arts: Higher English and a Higher Humanities or Language subject – both at Grade B.
- Applicants to MA (SocSci): Higher English or a Higher Humanities or Language subject both at Grade B.
Science/Life Sciences (BSc/MSci)

<table>
<thead>
<tr>
<th>Qualification</th>
<th>SS STANDARD Entry Requirements</th>
<th>SS MINIMUM Entry Requirements</th>
<th>S6 STANDARD Entry Requirements</th>
</tr>
</thead>
<tbody>
<tr>
<td>SQA Higher Requirements</td>
<td>AAAA/AAABB guaranteed offer if meet additional requirements</td>
<td>ABBB to be considered for S6 offer</td>
<td>AAAAB cumulative grade requirement for S6 offer holders</td>
</tr>
</tbody>
</table>

ADDITIONAL Requirements

ALL applicants require Higher in TWO Science subjects, one of which is relevant to the programme applied for. Specific subject requirements detailed below. Applicants to joint degrees must meet the entry requirements of both subjects.

Applicants to Physics or Astronomy: Entry from S6 requires Higher Mathematics AND Physics at Grades A or B. Entry from S6 requires a minimum of Grade B in both Mathematics AND Physics by the end of S5 PLUS Advanced Higher in EITHER Physics or Mathematics at Grade B.

Applicants to Life Sciences degrees (see note below) require Higher Biology/Human Biology or Chemistry at Grades A or B.

Applicants to Chemical Physics: Entry from S6 requires Highers in Chemistry, Physics AND Mathematics at Grades A or B. Entry from S6 requires a minimum of Grade B in Chemistry, Physics and Mathematics by the end of S5 PLUS Advanced Higher in Chemistry, Physics or Mathematics at Grade B.

Applicants to Chemistry or Chemistry with Medicinal Chemistry require Higher Mathematics and Chemistry at Grades A or B. Applicants to Computing Science or Software Engineering: Entry from S6 requires either Higher Mathematics at Grade A OR Higher Mathematics at Grade B PLUS Higher Computing at Grade A. Entry from S6 requires a minimum of Grade B Higher Mathematics by the end of S5. In addition, entry from S6 requires Advanced Higher Mathematics at Grade B or alternatively Advanced Higher Mathematics at Grade C PLUS EITHER Computing Higher at Grade A or Computing Advanced Higher at Grade B.

Applicants to Electronic & Software Engineering must meet the requirements for Engineering (BEng) – see the table on page 92.

Applicants to Mathematics: Entry from S6 requires Highers in Mathematics at Grade A. Entry from S6 requires a minimum of Grade B Higher Mathematics by the end of S5 and Advanced Higher Mathematics at Grade B.

Applicants to BSc degree programmes in Accounting & Mathematics, Accounting & Statistics, Finance & Mathematics, or Finance & Statistics must meet the entry requirements for Accountancy & Finance – see the table on page 91.

ADJUSTED Higher Requirements

AABB/ABB BBB guaranteed offer if meet additional requirements. No minimum at S5 AABB/ABB BBB cumulative grade requirement for S6 offer holders.

ADDITIONAL Requirements

ALL applicants require Highers in TWO Science subjects, one of which is relevant to the programme applied for. Specific subject requirements detailed below. Applicants to joint degrees must meet the entry requirements of both subjects.

Successful completion and grades in either the Top-Up Programme or Summer School.

Applicants to Physics or Astronomy require Higher Mathematics AND Physics - both at Grade B.

Applicants to Life Sciences degrees (see note below) require Higher Biology/Human Biology or Chemistry at Grade B.

Applicants to Chemical Physics require Highers in Chemistry, Physics AND Mathematics at Grade B.

Applicants to Chemistry or Chemistry with Medicinal Chemistry require Higher Mathematics and Chemistry at Grade B.

Applicants to Computing Science or Software Engineering require either Higher Mathematics at Grade B or Higher Mathematics at Grade C PLUS Higher Computing at Grade B.

Applicants to Electronic & Software Engineering must meet the requirements for Engineering (BEng) – see the table on page 92.

Applicants to Mathematics require Higher Mathematics at Grade B. Applicants with less than Advanced Higher Mathematics at Grade B must also successfully complete Maths in Summer School (including those taking Top-Up).

Applicants to BSc degree programmes in Accounting & Mathematics, Accounting & Statistics, Finance & Mathematics, or Finance & Statistics must meet the entry requirements for Accountancy & Finance – see the table on page 91.


Social Sciences (MA (SocSci))*

<table>
<thead>
<tr>
<th>Qualification</th>
<th>SS STANDARD Entry Requirements</th>
<th>SS MINIMUM Entry Requirements</th>
<th>S6 STANDARD Entry Requirements</th>
</tr>
</thead>
<tbody>
<tr>
<td>SQA Higher Requirements</td>
<td>AAAAB guaranteed offer if meet additional requirements</td>
<td>ABBB to be considered for S6 offer</td>
<td>AAAABBB cumulative grade requirement for S6 offer holders</td>
</tr>
</tbody>
</table>

ADDITIONAL Requirements

Higher English or a Higher Humanities subject at Grades A or B. Applicants to Economics must have a minimum of National 5 Mathematics at Grade B. Applicants to Mathematics or Computing Science or any degree combination that includes these subjects must also meet the relevant requirements in the Science (BSc) table on page 96.

ADJUSTED Higher Requirements

AABB/BBB BBBBB guaranteed offer if meet additional requirements. No minimum at S5 AABB/BBB BBBBB cumulative grade requirement for S6 offer holders. Considered for offer at BBB BBB.

ADDITIONAL Requirements

Higher English or a Higher Humanities subject at Grade B. Applicants to Economics must have a minimum of National 5 Mathematics at Grade B. Applicants to Mathematics or Computing Science or any degree combination that includes these subjects must also meet the relevant requirements in the Science (BSc) table on page 96.

Successful completion and grades in either the Top-Up Programme or Summer School.

* International Relations and joint degrees that include International Relations may require higher entry grades due to high demand for the subject

Teaching: Education with Primary Teaching Qualification (MEduc)

<table>
<thead>
<tr>
<th>Qualification</th>
<th>SS STANDARD Entry Requirements</th>
<th>SS MINIMUM Entry Requirements</th>
<th>S6 STANDARD Entry Requirements</th>
</tr>
</thead>
<tbody>
<tr>
<td>SQA Higher Requirements</td>
<td>AABB</td>
<td>ABB/ABB</td>
<td>AABBBB cumulative grade requirement for S6 offer holders</td>
</tr>
</tbody>
</table>

ADDITIONAL Requirements

Higher English at Grade A or B. National 5 Mathematics or National 5 Application of Mathematics at Grade B. Interview.

ADJUSTED Higher Requirements

AABB/ABB BBB guaranteed offer if meet additional requirements. No minimum at S5 AABB/ABB BBB cumulative grade requirement for S6 offer holders. Considered for offer at BBB.

ADDITIONAL Requirements

Higher English at Grade B. National 5 Mathematics or National 5 Application of Mathematics at Grade B. Interview. Successful completion and grades in either the Top-Up Programme or Summer School. Applicants who successfully complete the Access to a Career in Teaching Programme or Access to a Career in Education Programme also have to attend and pass the Top-Up Programme or Summer School.

Teaching: Primary Education with Teaching Qualification (MA) (Dumfries Campus)

<table>
<thead>
<tr>
<th>Qualification</th>
<th>SS STANDARD Entry Requirements</th>
<th>SS MINIMUM Entry Requirements</th>
<th>S6 STANDARD Entry Requirements</th>
</tr>
</thead>
<tbody>
<tr>
<td>SQA Higher Requirements</td>
<td>AABB/ABB</td>
<td>No minimum at S5</td>
<td>AABB/ABB</td>
</tr>
</tbody>
</table>

ADDITIONAL Requirements

Higher English at Grade A or B. National 5 Mathematics or National 5 Application of Mathematics at Grade B. Interview.

ADJUSTED Higher Requirements

BBBB | No minimum at S5 | BBB.

ADDITIONAL Requirements

Higher English at Grade B. National 5 Mathematics or National 5 Application of Mathematics at Grade B. Interview. Successful completion and grades in either the Top-Up Programme or Summer School.
### Entry Requirements

**Veterinary Medicine & Surgery (BVMS)**

<table>
<thead>
<tr>
<th>Qualification</th>
<th>SS STANDARD Entry Requirements</th>
<th>SS MINIMUM Entry Requirements</th>
<th>SS STANDARD Entry Requirements</th>
</tr>
</thead>
<tbody>
<tr>
<td>SQA Higher Requirements</td>
<td>AAAB</td>
<td>No minimum at S5</td>
<td>AAABB cumulative grade requirement for S6 offer holders</td>
</tr>
<tr>
<td><strong>ADDITIONAL Requirements</strong></td>
<td></td>
<td></td>
<td>Higher English and either a Higher Science subject, Higher Technological subject or Higher Mathematics at Grades A or B. Where Mathematics is not one of the Higher subjects, National 5 Mathematics at Grade B. Please note that National 5 Application of Mathematics cannot be accepted. Interview.</td>
</tr>
<tr>
<td><strong>ADJUSTED Higher Requirements</strong></td>
<td>AABB/ABBB</td>
<td>No minimum at S5</td>
<td>AABB/ABB cumulative grade requirement for S6 offer holders.</td>
</tr>
<tr>
<td><strong>ADDITIONAL Requirements</strong></td>
<td></td>
<td></td>
<td>Higher English at Grade C and either a Higher Science subject, Higher Technological subject or Higher Mathematics at Grade B. Where Mathematics is not one of the Higher subjects, National 5 Mathematics at Grade B. Please note that National 5 Application of Mathematics cannot be accepted. Interview. Successful completion and grades in either the Top-Up Programme or Summer School.</td>
</tr>
</tbody>
</table>

**Veterinary Biosciences (BSc)**

<table>
<thead>
<tr>
<th>Qualification</th>
<th>SS STANDARD Entry Requirements</th>
<th>SS MINIMUM Entry Requirements</th>
<th>SS STANDARD Entry Requirements</th>
</tr>
</thead>
<tbody>
<tr>
<td>SQA Higher Requirements</td>
<td>AAAA/AAABB guaranteed offer if meet additional requirements</td>
<td>ABBB to be considered for S6 offer</td>
<td>Higher AAAB plus Advanced Higher at CC cumulative grade requirement for S6 offer holders</td>
</tr>
<tr>
<td><strong>ADDITIONAL Requirements</strong></td>
<td></td>
<td></td>
<td>Entry from S6 requires minimum AAAA/AAAB including Higher Chemistry &amp; Biology at Grade A and Higher Physics or Mathematics at Grade B.</td>
</tr>
<tr>
<td><strong>ADJUSTED Higher Requirements</strong></td>
<td>AABB/ABBB (no adjustment for S6 entry) guaranteed offer if meet additional requirements</td>
<td>No minimum at S5</td>
<td>Higher BBAB plus Advanced Higher at EQ cumulative grade requirement for S6 offer holders</td>
</tr>
<tr>
<td><strong>ADDITIONAL Requirements</strong></td>
<td></td>
<td></td>
<td>Successful completion and grades in either the Top-Up Programme or Summer School.</td>
</tr>
</tbody>
</table>

### A-LEVEL AND INTERNATIONAL BACCALAUREATE APPLICANTS

**OUR ENTRY REQUIREMENTS FOR STUDENTS UNDERTAKING A-LEVEL AND INTERNATIONAL BACCALAUREATE (IB) QUALIFICATIONS ARE DETAILED IN THE FOLLOWING TABLES.**

If you are studying for HNC/D, BTEC or EU/International qualifications, see glasgow.ac.uk/undergraduate/entryrequirements.

Q: What do I need to apply for the degree programme I want to study?
A: You’ll need qualifications, a personal statement and a reference – we call these your Entry Requirements. For some specific degree programmes you may also need to:
- Come to an interview or audition
- Sit an admissions test
- Provide evidence of relevant work experience or voluntary experience

If English is not your first language, you will normally need to provide evidence of your English language skills through suitable qualifications. See page 22 for details. You must apply and complete the above by the UCAS deadline specified on page 88 and the University website’s degree pages, see glasgow.ac.uk/undergraduate/degrees.

Q: What A-level or International Baccalaureate (IB) results do I need?
A: The qualifications and grades you need vary by degree programme and are outlined in the following tables.

Q: Will I receive an offer?
A: Each table will say if you are guaranteed an offer of entry, or not, if you meet our STANDARD Entry Requirements AND any ADDITIONAL Requirements. If you do not achieve these grades, we may consider you for an offer at our MINIMUM Entry Requirements AND any ADDITIONAL Requirements. Please note, depending on the competitiveness of entry to a subject, we may not be able to make offers to applicants who have not met the STANDARD entry requirements. For UK/EU students we aim to respond no later than 31 March 2020. If you have any queries, please email ugadmissions@glasgow.ac.uk
Accountancy & Finance (BAcc), Accounting & Mathematics, Accounting & Statistics, Finance & Mathematics and Finance & Statistics (BSc)

<table>
<thead>
<tr>
<th>Qualification</th>
<th>STANDARD Entry Requirements</th>
<th>MINIMUM Entry Requirements</th>
</tr>
</thead>
<tbody>
<tr>
<td>A-level Requirements</td>
<td>AAA/A/A guaranteed offer if meet additional requirements</td>
<td>ABB considered for offer if meet additional requirements</td>
</tr>
<tr>
<td>ADDITIONAL Requirements</td>
<td>A-level Mathematics at Grade A for combinations that include Mathematics or Statistics, or Grade B for other combinations. Further Mathematics is also recommended to aid university preparation for combinations that include Mathematics or Statistics but will not affect an offer. GCSE English at Grade B (or Grade 5-6).</td>
<td></td>
</tr>
<tr>
<td>International Baccalaureate (IB) Requirements</td>
<td>38 points including three HL subjects at 6,6,6, guaranteed offer if meet additional requirements</td>
<td>32 points including three HL subjects at 6,5,5, considered for offer if meet additional requirements</td>
</tr>
<tr>
<td>ADDITIONAL Requirements</td>
<td>Three HL subjects including Mathematics, English at HL6 or SL6.</td>
<td></td>
</tr>
</tbody>
</table>

ADDITIONAL Requirements

- Applicants wishing to study MA Music will be required to have ABRSM Grade 5 Theory. Please note BMus Music has separate entry requirements, detailed in the BMus page on 105.

Arts (MA) and Divinity (BD)

<table>
<thead>
<tr>
<th>Qualification</th>
<th>STANDARD Entry Requirements</th>
<th>MINIMUM Entry Requirements</th>
</tr>
</thead>
<tbody>
<tr>
<td>A-level Requirements</td>
<td>AAB guaranteed offer if meet additional requirements</td>
<td>BBB considered for offer if meet additional requirements</td>
</tr>
<tr>
<td>ADDITIONAL Requirements</td>
<td>One A-level Arts, Humanities or Language subject. Applicants to Mathematics or Statistics or Computing Science, or any degree combination that includes these subjects, must also meet relevant requirements in the Science (BSc) table on page 105. Applicants wishing to study MA Music will be required to have either A-level Music or ABRSM Grade 5 Theory. Please note BMus Music has separate entry requirements, detailed in the BMus table on page 105.</td>
<td></td>
</tr>
<tr>
<td>International Baccalaureate (IB) Requirements</td>
<td>36 points including three HL subjects at 6,6,6, guaranteed offer if meet additional requirements</td>
<td>32 points including three HL subjects at 6,5,5, considered for offer if meet additional requirements</td>
</tr>
<tr>
<td>ADDITIONAL Requirements</td>
<td>Three HL subjects including English AND a Humanities or Language subject (SL6 will be considered). Applicants to Mathematics or Statistics or Computing Science, or any degree combination that includes these subjects, must also meet relevant requirements in the Science (BSc) table on page 105. Applicants wishing to study MA Music will be required to have ABRSM Grade 5 Theory. Please note BMus Music has separate entry requirements, detailed in the BMus table on page 105.</td>
<td></td>
</tr>
</tbody>
</table>

Community Development (BA)

<table>
<thead>
<tr>
<th>Qualification</th>
<th>STANDARD Entry Requirements</th>
<th>MINIMUM Entry Requirements</th>
</tr>
</thead>
<tbody>
<tr>
<td>A-level Requirements</td>
<td>BBB guaranteed offer if meet additional requirements</td>
<td>CCC considered for offer if meet additional requirements</td>
</tr>
<tr>
<td>International Baccalaureate (IB) Requirements</td>
<td>36 Points including three HL subjects at 6,5,5, guaranteed offer if meet additional requirements</td>
<td>28 Points including three HL subjects at 5,5,5, considered for offer if meet additional requirements</td>
</tr>
<tr>
<td>ADDITIONAL Requirements</td>
<td>This is a work-based learning programme therefore all applicants must have at least two days per week of paid or unpaid work in the broad field of community development. Applicants with no formal qualifications are encouraged to apply on the premise they have extensive experience within a community development setting</td>
<td></td>
</tr>
</tbody>
</table>

Dentistry (BDS)

<table>
<thead>
<tr>
<th>Qualification</th>
<th>STANDARD Entry Requirements</th>
<th>MINIMUM Entry Requirements</th>
</tr>
</thead>
<tbody>
<tr>
<td>A-level Requirements</td>
<td>AAA</td>
<td>Applicants must meet STANDARD Entry Requirements</td>
</tr>
<tr>
<td>ADDITIONAL Requirements</td>
<td>A-level Biology/Human Biology AND A-level Chemistry. General Studies is not accepted as a third subject.</td>
<td></td>
</tr>
<tr>
<td>International Baccalaureate (IB) Requirements</td>
<td>36 Points including three HL subjects at 6,6,6</td>
<td>Applicants must meet STANDARD Entry Requirements</td>
</tr>
<tr>
<td>ADDITIONAL Requirements</td>
<td>Chemistry AND Biology at HL. Mathematics or Physics at HL (if it is not possible to take Mathematics or Physics at HL then SL6 will be considered). Work Experience (three days minimum). UCAT. Interview.</td>
<td></td>
</tr>
</tbody>
</table>

Engineering (BEng)

<table>
<thead>
<tr>
<th>Qualification</th>
<th>STANDARD Entry Requirements</th>
<th>MINIMUM Entry Requirements</th>
</tr>
</thead>
<tbody>
<tr>
<td>A-level Requirements</td>
<td>AAB guaranteed offer if meet additional requirements</td>
<td>BBB considered for offer if meet additional requirements</td>
</tr>
<tr>
<td>ADDITIONAL Requirements</td>
<td>A-level Mathematics AND either A-level Physics or Technology &amp; Design (either Product Design or 3D).</td>
<td></td>
</tr>
<tr>
<td>International Baccalaureate (IB) Requirements</td>
<td>36 points including three HL subjects at 6,6,6, guaranteed offer if meet additional requirements</td>
<td>32 points including three HL subjects at 6,5,5, considered for offer if meet additional requirements</td>
</tr>
<tr>
<td>ADDITIONAL Requirements</td>
<td>HL subjects should include Physics and Mathematics. SL6 will be accepted for one of Physics or Mathematics (or Mathematic Studies). Applicants to Electronic &amp; Software Engineering must meet the requirements for Computing Science in the Science (BSc) table on page 105.</td>
<td></td>
</tr>
</tbody>
</table>

Engineering (MEng)

<table>
<thead>
<tr>
<th>Qualification</th>
<th>STANDARD Entry Requirements</th>
<th>MINIMUM Entry Requirements</th>
</tr>
</thead>
<tbody>
<tr>
<td>A-level Requirements</td>
<td>AAA guaranteed offer if meet additional requirements</td>
<td>Applicants who achieve less than AAA will be considered for Engineering BEng</td>
</tr>
<tr>
<td>ADDITIONAL Requirements</td>
<td>A-level Mathematics AND either A-level Physics or Technology &amp; Design (either Product Design or 3D).</td>
<td></td>
</tr>
<tr>
<td>International Baccalaureate (IB) Requirements</td>
<td>36 points including three HL subjects at 6,6,6, guaranteed offer if meet additional requirements</td>
<td>36 points including three HL subjects at 6,6,6, considered for offer if meet additional requirements</td>
</tr>
<tr>
<td>ADDITIONAL Requirements</td>
<td>Mathematics and Physics at HL. Applicants to Electronic &amp; Software Engineering must meet the requirements for Computing Science in the Science (BSc) table on page 105.</td>
<td></td>
</tr>
</tbody>
</table>

Note: UCAT: All applicants to Medicine and Dentistry must complete the University Clinical Aptitude Test by the deadline date in the same year as application. The UCAT score cut-off points vary from year to year. Information on how to sit the test can be found at www.ukcat.ac.uk. The Dentistry (BDS) Person Specification document outlines all entry requirements and UCAT Information for applicants; this can be found at glasgow.ac.uk/schools/dental/undergraduate.
<table>
<thead>
<tr>
<th>Qualification</th>
<th>STANDARD Entry Requirements</th>
<th>MINIMUM Entry Requirements</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Environmental Science &amp; Sustainability (BSc) (Dumfries Campus)</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>A-level Requirements</td>
<td>BBB guarantee offer if meet additional requirements</td>
<td>CCC considered for offer if meet additional requirements</td>
</tr>
<tr>
<td>ADDITIONAL Requirements</td>
<td>Minimum of one A-level Science subject.</td>
<td></td>
</tr>
<tr>
<td>International Baccalaureate (IB) Requirements</td>
<td>36 Points including three HL subjects at 6,5,5 guaranteed offer if meet additional requirements</td>
<td>28 Points including three HL subjects at 5,5,5 considered for offer if meet additional requirements</td>
</tr>
<tr>
<td>ADDITIONAL Requirements</td>
<td>One or two Science subjects at HL.</td>
<td></td>
</tr>
<tr>
<td><strong>Health &amp; Social Policy (MA) (Dumfries Campus)</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>A-level Requirements</td>
<td>BBB guarantee offer</td>
<td>CCC considered for offer</td>
</tr>
<tr>
<td>International Baccalaureate (IB) Requirements</td>
<td>30 Points including three HL subjects at 6,5,5 guarantee offer</td>
<td>28 Points including three HL subjects at 5,5,5 considered for offer</td>
</tr>
<tr>
<td><strong>Law (LLB)</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>A-level Requirements</td>
<td>AAA guarantee offer if meet additional requirements</td>
<td>Applicants must meet STANDARD Entry Requirements.</td>
</tr>
<tr>
<td>ADDITIONAL Requirements</td>
<td>A-level English or GCSE English Literature &amp; Language at Grade A (or Grade 7 or above).</td>
<td>A-level Chemistry AND A-level Mathematics or Physics or Biology. General Studies, Critical Thinking and Global Perspectives &amp; Research are not accepted. AS-level Biology at Grade A (if not at A-level). Biology and Human Biology are not considered as separate subjects at A-level. Mathematics and Further Mathematics are not considered as separate subjects at A-level. GCSE English at Grade B (or Grade 6 or above). UCAT (see note below). Interview.</td>
</tr>
<tr>
<td>International Baccalaureate (IB) Requirements</td>
<td>39 Points including three HL subjects at 6,6,6 guaranteed offer</td>
<td>34 Points including three HL subjects at 6,5,5 considered for offer if meet additional requirements</td>
</tr>
<tr>
<td>ADDITIONAL Requirements</td>
<td>English at HL6. UCAT at cut-off score or better (see note below).</td>
<td>Chemistry-HL6 and Biology-HL6. Mathematics or Physics at HL is preferred, however, SL6 will also be accepted. Mathematics Studies is not accepted where Mathematics is required. English at SL6. UCAT (see note below). Interview.</td>
</tr>
<tr>
<td><strong>Music (BMus)</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>A-level Requirements</td>
<td>ABB</td>
<td>BBB</td>
</tr>
<tr>
<td>ADDITIONAL Requirements</td>
<td>A-level Music or Associated Board of the Royal Schools of Music (ABRSM) Grade 6 Theory. Required performance level is Merit in Grade 8 ABRSM practical exams.</td>
<td>A-level English or GCSE English Literature &amp; Language at Grade A (or Grade 7 or above).</td>
</tr>
</tbody>
</table>
### Psychology (BSc, MA or MA (SocSci))

<table>
<thead>
<tr>
<th>Qualification</th>
<th>STANDARD Entry Requirements</th>
<th>MINIMUM Entry Requirements</th>
</tr>
</thead>
<tbody>
<tr>
<td>A-level Requirements</td>
<td>AAA guaranteed offer if meet additional requirements</td>
<td>ABB considered for offer if meet additional requirements</td>
</tr>
</tbody>
</table>

**ADDITIONAL Requirements**
- ALL applicants must have a minimum of GCSE Mathematics Grade B (or Grade 5–6).
- Applicants to BSc: Two A-levels from Mathematics, Psychology or other Science subject.

**International Baccalaureate (IB) Requirements**
- Applicants to MA Arts/MA (SocSci): One A-level Arts, Humanities or Language subject.
- 36 points including three HL subjects at 6,6,5
- Applicants must meet STANDARD Entry Requirements.

### Science/Life Sciences (BSc/MSci)

<table>
<thead>
<tr>
<th>Qualification</th>
<th>STANDARD Entry Requirements</th>
<th>MINIMUM Entry Requirements</th>
</tr>
</thead>
<tbody>
<tr>
<td>A-level Requirements</td>
<td>AAB guaranteed offer if meet additional requirements</td>
<td>BBB considered for offer if meet additional requirements</td>
</tr>
</tbody>
</table>

**ADDITIONAL Requirements**
- ALL applicants require a minimum of ONE relevant Science A-level. Specific subject requirements detailed below. Applicants to joint degrees must meet the entry requirements of both subjects.
- Applicants to Physics or Astronomy require Mathematics AND Physics A-levels at Grades A or B. Further Mathematics is also recommended to aid university preparation but will not affect an offer. We accept Mathematics and Further Mathematics as two different subjects.
- Applicants to Life Sciences degrees (see note below) require Biology or Human Biology or Chemistry A-level at Grades A or B.
- Applicants to Chemical Physics require Chemistry, Physics AND Mathematics A-levels at Grades A or B.

**International Baccalaureate (IB) Requirements**
- 36 points including three HL subjects at 6,6,5
- Applicants must meet STANDARD Entry Requirements.

### Nursing (BN)

<table>
<thead>
<tr>
<th>Qualification</th>
<th>STANDARD Entry Requirements</th>
<th>MINIMUM Entry Requirements</th>
</tr>
</thead>
<tbody>
<tr>
<td>A-level Requirements</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**ADDITIONAL Requirements**
- Two A-levels from Chemistry, Biology/Human Biology, Physics or Mathematics.
- GCSE Chemistry at Grade B (or Grade 5–6) if not at A-level.
- GCSE English at Grade B (or Grade 6). Interview.

**International Baccalaureate (IB) Requirements**
- 36 Points including three HL subjects at 6,6,5
- Applicants must meet STANDARD Entry Requirements.

**ADDITIONAL Requirements**
- Chemistry or Biology at HL6.
- If Chemistry not at HL6 must have at SL6. Interview.
- Two Science subjects (or Mathematics plus one Science subject).
- All applicants guarantee offer if meet additional requirements.

<table>
<thead>
<tr>
<th>Qualification</th>
<th>STANDARD Entry Requirements</th>
<th>MINIMUM Entry Requirements</th>
</tr>
</thead>
<tbody>
<tr>
<td>A-level Requirements</td>
<td>BBB</td>
<td>CCC</td>
</tr>
<tr>
<td>ADDITIONAL Requirements</td>
<td>GCSE English Language &amp; Literature at Grade C (or Grade 4–5). GCSE Mathematics at Grade B (or Grade 5–6). Interview.</td>
<td></td>
</tr>
<tr>
<td>International Baccalaureate (IB) Requirements</td>
<td>32 Points including three HL subjects at 6,5,5 30 Points including three HL subjects at 5,5,5</td>
<td></td>
</tr>
</tbody>
</table>

**International Baccalaureate (IB) Requirements**

<table>
<thead>
<tr>
<th>Qualification</th>
<th>STANDARD Entry Requirements</th>
<th>MINIMUM Entry Requirements</th>
</tr>
</thead>
<tbody>
<tr>
<td>A-level Requirements</td>
<td>AAA</td>
<td>Applicants must meet STANDARD Entry Requirements.</td>
</tr>
<tr>
<td>ADDITIONAL Requirements</td>
<td>A-level Chemistry AND A-level Biology. Third A-level Science subject preferred but other academic subjects are acceptable (Art, Drama, General Studies, Home Economics, Music and PE are NOT accepted). GCSE English at Grade B (or Grade 5–6). Practical Experience. Interview.</td>
<td></td>
</tr>
<tr>
<td>International Baccalaureate (IB) Requirements</td>
<td>38 Points including three HL subjects at 6,6,6</td>
<td>Applicants must meet STANDARD Entry Requirements.</td>
</tr>
</tbody>
</table>
ADVANCED ENTRY

We offer Advanced Entry to some of our programmes. Applicants who achieve exceptional grades in their Advanced Highers, A-levels or International Baccalaureate may be considered for Advanced Entry, meaning that an Honours degree can be completed in three years instead of the normal four years, or four years for five-year integrated Masters programmes.

The tables below detail the degree programmes where this option exists and indicative grades that must be attained in order to be considered. Applicants who require further information on this should contact the Admissions Team (see page 88).

### SQA Advanced Highers

<table>
<thead>
<tr>
<th>Degree Programme</th>
<th>Indicative Grades for Advanced Entry Consideration</th>
</tr>
</thead>
<tbody>
<tr>
<td>Arts/Modern Languages (MA)</td>
<td>Three Advanced Highers at Grades AAA attained in one exam year and at the first attempt. Subjects must be relevant to the courses to be taken at Level 2.</td>
</tr>
<tr>
<td>Engineering (BEng or MEng)</td>
<td>Three Advanced Highers at Grades AAA including Mathematics and Physics attained in one exam year and at the first attempt.</td>
</tr>
<tr>
<td>Science/Life Sciences (BSc)</td>
<td>Three Advanced Highers at Grades AAA including two Science subjects one of which is relevant to the programme being applied for. Grades must be attained in one exam year and at the first attempt.</td>
</tr>
<tr>
<td>Social Sciences (MA)</td>
<td>Three Advanced Highers at Grades AAA attained in one exam year and at the first attempt. Subjects must be relevant to the courses to be taken at Level 2.</td>
</tr>
</tbody>
</table>

### A-level/International Baccalaureate

<table>
<thead>
<tr>
<th>Degree Programme</th>
<th>A level Qualifications</th>
<th>International Baccalaureate Qualifications</th>
</tr>
</thead>
<tbody>
<tr>
<td>Arts/Modern Languages (MA)</td>
<td>A*AA</td>
<td>38 Points</td>
</tr>
<tr>
<td>Engineering (BEng or MEng)</td>
<td>A*AA</td>
<td>38 Points</td>
</tr>
<tr>
<td>Science/Life Sciences (BSc)</td>
<td>A*AA</td>
<td>38 Points</td>
</tr>
<tr>
<td>Social Sciences (MA)</td>
<td>A*AA</td>
<td>38 Points</td>
</tr>
</tbody>
</table>

In all cases (SQA Advanced Highers, A-levels and International Baccalaureate) ADDITIONAL Entry Requirements must also be attained.

Applicants applying for advanced entry to Level 2 Mathematics, or any degree combination that includes Mathematics, are required to have Further Mathematics.

FASTER ROUTE

We offer Faster Route for Computing Science and Software Engineering BSc and MSci. Applicants to Computing Science or Software Engineering degrees who attain exceptional grades in their Advanced Highers, A-levels or International Baccalaureate may apply for Faster Route. Attending additional classes enables the four-year BSc Honours degree programme to be condensed into three years, or the five-year MSci degree programme into four years.

Unique Faster Route Computing UCAS codes should be used when submitting applications. In the event that we are unable to accept your Faster Route application, but you meet the year 1 entry requirements, you will automatically be made an offer without needing to submit an additional application.

### For entry to Faster Route applicants must have:

<table>
<thead>
<tr>
<th>Qualification</th>
<th>Entry Requirements for Faster Route</th>
</tr>
</thead>
<tbody>
<tr>
<td>SQA Advanced Highers</td>
<td>AAA including Computing and Mathematics attained in one exam year and at the first attempt.</td>
</tr>
<tr>
<td>A-levels</td>
<td>Three A-levels at Grades A*AA which include Computing and Mathematics attained in one exam year and at the first attempt.</td>
</tr>
<tr>
<td>International Baccalaureate</td>
<td>38 Points with three Higher Level subjects at 6,6,5 including Computing Science and Mathematics.</td>
</tr>
</tbody>
</table>

108 109
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.
UNDERGRADUATE PROSPECTUS 2020
UNIVERSITY OF GLASGOW
VISIT US
GLASGOW OPEN DAYS
Thursday, 13 June 2019
Wednesday, 4 September 2019
Saturday, 19 October 2019
DUMFRIES OPEN DAYS
Wednesday, 29 May 2019
Wednesday, 9 October 2019
glasgow.ac.uk/visitus