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Take a virtual tour of our stunning campus
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Postgraduate Open Day
Friday 8 November 2013

We'd like to meet you. If you’re considering Glasgow for postgraduate study, we have an open day dedicated to your needs.

Glasgow has postgraduate opportunities in
• arts and humanities
• science and engineering
• social sciences, business, education, law and interdisciplinary studies
• medical, veterinary and life sciences.

During our open day, we’ll have staff on hand to answer your questions about
• applying for postgraduate study
• funding opportunities
• career prospects.

You can also see our new postgraduate space for study and socialising, the Gilchrist Postgraduate Club.

Please register for the event at www.glasgow.ac.uk/openday

Welcome to Glasgow

Research that changes the world. Learning experiences that transform lives. Creating communities both locally and across the globe.

Glasgow is the fourth-oldest university in the English-speaking world. Since 1451, we’ve dedicated our time to inspiring great minds and creating a learning environment that fosters wisdom and respect. Wherever you’re from, we have the experience to provide an education that can help get you where you want to be.

Study with us and you can
• be part of a university ranked 54th in the world*
• learn from academics who are pushing the boundaries of knowledge
• connect with talented, enthusiastic learners from 120 countries.

Every year, we invest in the facilities we need to support the professional and personal development of our 6,000 postgraduate students. We’ve spent £7.5 million on lecture theatres and seminar rooms since 2007, and have plans to invest a further £3.5 million by 2017.

And because learning involves more than lectures and libraries, we work to bring together the people, projects and opportunities that can make your postgraduate experience as valuable as possible.

Join our community and you could
• take part in skills development workshops provided by our graduate schools
• apply for a range of internships and collaborative research projects
• gain knowledge of academic publication in one of our student-run journals
• engage with companies and entrepreneurs to acquire the skills employers want.

* QS World University Rankings 2012
Postgraduate study at Glasgow

- Choose from more than 280 taught programmes.
- Join a research community of more than 2,000 research staff.
- Explore our world-class collections in our library, archives, and museum and art gallery.
- Access our new Gilchrist Postgraduate Club, with study and café/bar facilities dedicated to you.
Research: at the heart of our success

The right people. The right environment. The right support. And a desire to change the world. Glasgow has an international reputation for research with impact.

We’re committed to forming mutually beneficial research partnerships across the globe.

Our experts are working with European and Brazilian partners to fight inflammatory disorders; they are exploring ways to prevent the transmission of three fever-causing bacteria which together account for 11 times more admissions to hospitals in Northern Tanzania than malaria; they are investigating the worldwide illegal antiquities trade.

Meanwhile, the unveiling of an ambitious space technology research programme has proved that the expertise to be found at Glasgow can be useful even beyond global boundaries.

All of this inspirational research activity feeds into your programme of study. Find out more: www.glasgow.ac.uk/research.

Research facts:
• total annual research earnings of £175m
• 2,000 active researchers
• 8th in the Russell Group for total research income

‘I wished to do top-quality postgraduate research and Glasgow had the appropriate expertise. After graduation I became a postdoctoral research assistant in genetics at Cambridge University. Since then, I have done research at Sussex, Imperial College and the University of Hawaii. All my employers have been impressed that I have a PhD from a world-class research university.’

Dr Terence Davis, who studied for a PhD in DNA & Chromatin Structure, is now a senior research fellow in biogerontology at Cardiff University.

Inspiring great minds

Studying at Glasgow means that you will be joining a university with a long history of nurturing high-achievers.

The University is associated with seven Nobel laureates, including
• Professor Robert Edwards, awarded the Nobel Prize in Medicine in 2010 for his work on fertilisation
• John Boyd Orr (1886–1971), awarded the Nobel Peace Prize for his work on world nutrition with the United Nations.

Important economic and political figures who have studied or worked with us are
• Adam Smith (1723–90), renowned economist, philosopher and author
• Sir Harry Campbell-Bannerman (1838–1908), former UK Prime Minister
• Elizabeth Dorothea Lyness (1874–1944), suffragette.

Notable writers are
• William Boyd, whose work includes Any Human Heart, and Restless, which won the 2006 Costa Award for Best Novel
• Rachel Seiffert, whose first novel, The Dark Room, was shortlisted for the Booker Prize in 2001.

And in the fields of science and medicine, influential Glasgow figures include
• Lord Kelvin (1824–1907), pictured, founder of the absolute scale of temperature, the Kelvin scale
• Marion Gilchrist (1884–1952), the first female medical graduate in Scotland
• John Logie Baird (1888–1946), one of the pioneers of television
• Dame Jocelyn Bell Burnell, astrophysicist involved in the discovery of radio pulsars
• Professor Bryan Jennet (1906–2008) and Sir Graham Teasdale, neurosurgeons who created the Glasgow Coma Scale, used in hospitals all over the world to assess brain injury patients.

www.glasgow.ac.uk/worldchanging
Resources to help you realise your ambitions

We want you to be a success, both now and in the future. Our learning environment and support services help you build your skills, make relevant connections with leading academic and industry experts and prepare you for your chosen career.

We offer personal and professional development opportunities to support students in their journey to become researchers and leaders in their fields. Training programmes provided by our graduate schools can help you to
• manage your time and your research
• develop presentation, public engagement and enterprise skills
• participate in collaborative programmes locally, regionally and nationally
• develop skills in conference organisation and academic publication

We recommend that our researchers take part in two weeks of skills training each year. See www.glasgow.ac.uk/researcherdevelopment.

Build your career
Our Careers Service can provide:
• one-to-one support from professionally trained careers advisers
• access to thousands of potential employers offering jobs and internships
• help with identifying gaps in your CV, mock interviews and job applications
• specialist recruitment events
• an online career management system that sends information about events and jobs straight to your email account.
• www.glasgow.ac.uk/careers

Access student services
We’ve created a one-stop shop for student services in the Fraser Building on our main campus. You can grab a bite to eat, see a doctor, obtain a new student ID card or discuss employment opportunities.

In addition, our new Gilchrist Postgraduate Club offers a great environment to meet, socialise and share ideas. Facilities include a seminar room for meetings or presentations, study booths with integrated TV screens and a café/bar with barista tea and coffee. For more information see www.gilchristpgclub.org.

Find out more
Our graduate schools support students engaged in postgraduate study in each of our colleges – their websites can help you to access a wide range of services and resources:
• www.glasgow.ac.uk/arts/graduateschool
• www.glasgow.ac.uk/mvls/graduateschool
• www.glasgow.ac.uk/scienceengineering/graduateschool
• www.glasgow.ac.uk/socialsciences/graduateschool

Other useful services are
• www.glasgow.ac.uk/chaplaincy
• www.glasgow.ac.uk/nursery
• www.glasgow.ac.uk/counseling
• www.glasgow.ac.uk/studentdisability.

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• www.glasgow.ac.uk/mvls/graduateschool
• www.glasgow.ac.uk/scienceengineering/graduateschool
• www.glasgow.ac.uk/socialsciences/graduateschool

Other useful services are
• www.glasgow.ac.uk/chaplaincy
• www.glasgow.ac.uk/nursery
• www.glasgow.ac.uk/counseling
• www.glasgow.ac.uk/studentdisability.

I knew that if I went to Glasgow, I would end up employed in my field. I am now a tenured associate professor of English at City University of New York. Prior to that I was an assistant professor of English at the University of British Columbia, Canada, and I have also been a visiting member of the faculty at Yale University.’

Carl Grindley studied for a PhD in Medieval Manuscripts.

The Hunterian
Founded in 1807, The Hunterian is the University’s museum and art gallery.
• Develop transferable skills through internships and work experience with the museum.
• Work with leading scholars in a range of fields relevant to our collections – art, archaeology, palaeontology, geology, zoology, ethnography and numismatics.
• www.glasgow.ac.uk/hunterian

University library and archives
Open 18 hours a day and with online access 24/7, our library is there when you need it.
• 11 wheelchair-enabled floors
• 2.5 million books and journals
• More than 35,000 electronic journals
• More than 800 student PCs
• Dedicated postgraduate study space on level 5.

Glasgow’s Special Collections attract scholars from around the globe. You’ll find rare books, manuscripts and early photographs, covering most branches of the arts, sciences and medicine.
• More than 200,000 manuscript items
• Around 200,000 printed works, including over 1,000 printed before 1501.

With more than 1,000 collections spanning more than seven centuries and one of the biggest collections of business records in Europe, our University archives offer a unique heritage resource to students. We hold internationally important collections of records, reflecting the contribution that the University of Glasgow and Scottish business have made to the world.
• www.glasgow.ac.uk/library
• www.glasgow.ac.uk/library/mobile

Other useful services are
• www.glasgow.ac.uk/chaplaincy
• www.glasgow.ac.uk/nursery
• www.glasgow.ac.uk/counseling
• www.glasgow.ac.uk/studentdisability.
Studying for a postgraduate taught degree

We offer an inspiring range of postgraduate taught programmes that can help you to take your understanding of a subject to the next level.

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

Progress through the different stages of each programme depends on satisfactory performance in assessment. Assessment is usually by examination or coursework (or a combination of both).

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

Learn from our experience

Postgraduate taught degrees have a set amount of contact time with the academics who teach them. This takes the form of seminars, tutorials and lectures.

Many programmes allow you to work beyond traditional subject boundaries in order to address important questions, such as the ecological and sustainability issues facing the planet today, or our changing social and political environment.

Explore your options:
With more than 280 options to choose from, you should be able to find a taught programme that matches your interests.

www.glasgow.ac.uk/postgraduate/taught

‘Once you start looking into the areas that fascinate you, that’s when you get a real appreciation for learning. I certainly wouldn’t have gone on to my PhD if I hadn’t loved studying as much as I did at Masters level.’

Olympic gold medallist Katherine Grainger (pictured with her medal) studied for a Masters in Medical Law & Medical Ethics at Glasgow, before completing a PhD at King’s College London.

Yash Shah from Mumbai is studying for an MSc in Electronics & Electrical Engineering & Management

‘I saw the course structure and it was exactly what I wanted: one semester dedicated to management and the other semester dedicated to engineering subjects. After that: a dissertation. There was no one to spoon-feed us, which was a good thing. Professors would give practical examples and case studies to read before the lectures and then it would be a formal discussion, rather than one-to-one teaching.

‘There was a group project, so students from different streams of engineering had to form a collaborative approach to solve a problem. That obviously helped because being an engineer, you have to be able to talk to people from different disciplines.’
Postgraduate research degrees can generally be divided into Research Masters (MRes) and Doctoral (PhD) degrees. They allow you to undertake a research project under the guidance of an academic supervisor.

Unlike a taught postgraduate degree, there are no formal lectures and you are examined after submitting your final thesis. To help you keep on track, you will have frequent meetings with your supervisor as well as formal progress reviews.

To support your development, our graduate schools offer induction programmes and skills training opportunities for all research students. Skills development extends beyond workshops and you may be able to take advantage of numerous initiatives to support your personal and professional development.

An international reputation for research, high-quality facilities and a vibrant community of researchers means that if you choose to study for a research degree at Glasgow, you’ll have an extraordinary postgraduate experience.

You can gain experience with publications by working with the University’s academic journal, The Kelvingrove Review, our award-winning student-run online journal, eSharp, or our student-run online science magazine, Glasgow Insight into Science and Technology (GIS&T).

There are also opportunities to apply for internships with the Glasgow Science Festival, or to participate in collaborative knowledge exchange projects, such as the Hunterian Associates Programme.

Alternatively, you can participate in competitions such as the Images of Research photo competition or the Three Minute Thesis competition (3MT). Winners of 3MT can then compete in UK-wide and international competitions.

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

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

Our Insights to Industry and Creative Enlightenment programmes offer you opportunities to work with companies and entrepreneurs as well as to develop your own enterprising ideas.

‘I am looking at new ways to measure dissolved organic carbon in river systems. The interdisciplinary nature of the project means it’s important that I learn to communicate my research to non-specialists. I’ve taken part in pitch training workshops, attended courses to develop my entrepreneurship skills and collaborated with a company on a research project.’

Hermanth Pasumarthi’s PhD study at Glasgow is funded by a Kelvin Smith Scholarship. These scholarships are designed to support talented students to undertake doctoral training in cutting-edge interdisciplinary research projects. For more information about our scholarships see www.glasgow.ac.uk/scholarships.

Our Hunterian Associates Programme provides a platform for postgraduate researchers to share their knowledge and develop their skills through public engagement and knowledge exchange activities in partnership with the University’s museum and art gallery, The Hunterian. www.glasgow.ac.uk/hunterianassociates
How to apply for postgraduate study

Join one of the world’s leading centres of learning, where excellent teaching and innovative research create great opportunities for you.

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

The quickest and easiest way to apply to the University is to use our online application form. Before submitting, you may save and return to your application as many times as you wish within 42 days.

There are different forms for postgraduate taught and postgraduate research degrees. Each will guide you through the process.

- [www.glasgow.ac.uk/postgraduate/howtoapplyforataughtdegree/applyonline](http://www.glasgow.ac.uk/postgraduate/howtoapplyforataughtdegree/applyonline)
- [www.glasgow.ac.uk/research/howtoapplyforaresearchdegree/applyonline](http://www.glasgow.ac.uk/research/howtoapplyforaresearchdegree/applyonline)

**Essential documents**
- Final or current degree transcripts
- Degree certificates
- Two references on headed paper (academic or professional)
- A copy of your passport (photo page) – non-EU applicants only
- Evidence of your English language ability (if your first language is not English)
- Any additional specific requirements such as research proposals or samples of written work, which may vary by graduate school.

**When to apply**

<table>
<thead>
<tr>
<th>Type of degree</th>
<th>Deadline for application</th>
<th>Start date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Research programmes</td>
<td>23 July 2014</td>
<td>usually October*</td>
</tr>
<tr>
<td>Taught programmes (non-EU applicants)</td>
<td>27 August 2014</td>
<td>15 September 2014</td>
</tr>
<tr>
<td>Taught programmes (UK and EU applicants)</td>
<td>30 June 2014</td>
<td>usually September</td>
</tr>
<tr>
<td>Master of Veterinary Public Health (non-EU applicants)</td>
<td>10 August 2014</td>
<td>usually September</td>
</tr>
</tbody>
</table>

* Start dates for research programmes can vary. See [www.glasgow.ac.uk/research/opportunities](http://www.glasgow.ac.uk/research/opportunities).

Some science and engineering programmes also begin in January. The application deadlines for these are:
- For non-EU applicants: 17 November 2013
- For UK and EU applicants: 14 December 2013

**English language requirements**
For applicants whose first language is not English, the University sets a minimum English language proficiency level.
- IELTS 6.5 (with no subtest less than 6.0).
- IBT TOEFL 92 (with no subtest less than 20).
- Cambridge ESOL Certificate in Advanced English (CAE) – B minimum or Certificate of Proficiency in English (CPE) – C minimum.
- Pearson Test of English (academic) – 60 (with no subtest less than 59).

These requirements may vary. Postgraduate taught students should check the information at [www.glasgow.ac.uk/postgraduate/taught](http://www.glasgow.ac.uk/postgraduate/taught).

**Entry requirements**

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

Entry requirements may vary. For the most up-to-date requirements, view the taught degree programme information available at [www.glasgow.ac.uk/postgraduate/taught](http://www.glasgow.ac.uk/postgraduate/taught).

Craig Ronald Lamont is studying for a PhD in English Literature.
Fees, funding and scholarships

To help you access the professional and personal benefits postgraduate study can bring, we offer a range of financial assistance, scholarships and bursaries.

We understand that financing your studies and living costs can be a concern for many postgraduate students. To find out what support is available, and to get advice about topics such as financial aid, budgeting, paying tax and setting up bank accounts, see www.glasgow.ac.uk/studentfinance.

Tuition fees
Tuition fees cover the cost of registration, supervision of research or study, and examination and recreation facilities. Some laboratory-based and clinical departments may require payment of an additional bench fee: your college or graduate school will be able to advise you.

You must arrange funding for your tuition fees and living costs before your studies begin.

Fees for 2014–15 have not yet been set. Once they are available, they will be published online at www.glasgow.ac.uk/fees.

The 2013–14 standard annual tuition fees for postgraduate study are listed below as a guide, but please note that these costs are illustrative only.

### Full-time students from the UK/EU per year

<table>
<thead>
<tr>
<th>Programme Type</th>
<th>Fee</th>
</tr>
</thead>
<tbody>
<tr>
<td>Most taught programmes (non-clinical)</td>
<td>£5,000</td>
</tr>
<tr>
<td>Research programmes</td>
<td>£3,900</td>
</tr>
<tr>
<td>MBA</td>
<td>£14,500</td>
</tr>
</tbody>
</table>

### Full-time international students (non UK/EU) per year

<table>
<thead>
<tr>
<th>Programme Type</th>
<th>Fee</th>
</tr>
</thead>
<tbody>
<tr>
<td>Most taught programmes in arts or social sciences</td>
<td>£13,000</td>
</tr>
<tr>
<td>Most taught programmes in science and engineering</td>
<td>£16,500</td>
</tr>
<tr>
<td>Most taught programmes in medical, veterinary &amp; life sciences (non-clinical)</td>
<td>£16,500</td>
</tr>
<tr>
<td>MBA</td>
<td>£21,500</td>
</tr>
<tr>
<td>MVMS</td>
<td>£24,000</td>
</tr>
<tr>
<td>Taught programmes in medicine, dentistry, veterinary medicine (clinical)</td>
<td>£30,000</td>
</tr>
</tbody>
</table>

### Research programmes for international students (non UK/EU) per year

<table>
<thead>
<tr>
<th>Subject</th>
<th>Fee</th>
</tr>
</thead>
<tbody>
<tr>
<td>Arts or social sciences subjects</td>
<td>£13,000</td>
</tr>
<tr>
<td>Science, engineering, nursing and midwifery</td>
<td>£16,500</td>
</tr>
<tr>
<td>Medicine, dentistry, veterinary medicine (non-clinical)</td>
<td>£16,500</td>
</tr>
<tr>
<td>Medicine, dentistry, veterinary medicine (clinical)</td>
<td>£30,000</td>
</tr>
</tbody>
</table>

### Cost of living

The cost of living can vary depending on your needs. As a rough guide, to study in the UK we recommend around £11,500 per year for a single student, a minimum of £15,000 for married couples and for each child add £3,000 per year.

<table>
<thead>
<tr>
<th>Category</th>
<th>Average Cost per Month</th>
</tr>
</thead>
<tbody>
<tr>
<td>Accommodation</td>
<td>£450</td>
</tr>
<tr>
<td>Food</td>
<td>£180</td>
</tr>
<tr>
<td>Clothes</td>
<td>£60</td>
</tr>
<tr>
<td>Travel in Glasgow</td>
<td>£40</td>
</tr>
<tr>
<td>Laundry/stationery etc</td>
<td>£30</td>
</tr>
<tr>
<td>Telephone/Internet</td>
<td>£40</td>
</tr>
<tr>
<td>Entertainment</td>
<td>£100</td>
</tr>
<tr>
<td>Total</td>
<td>£900</td>
</tr>
</tbody>
</table>

### Additional costs per year

<table>
<thead>
<tr>
<th>Category</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Books</td>
<td>£400</td>
</tr>
<tr>
<td>UK travel</td>
<td>£300</td>
</tr>
<tr>
<td>Total</td>
<td>£700</td>
</tr>
</tbody>
</table>

Graduate Teaching Assistantships

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

Part-time work during study

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

### Scholarships

All applications for scholarships to cover fees and/or maintenance should be made in conjunction with an online application for admission to the University. You may be eligible to apply for:

- Kelvin Smith PhD Scholarships – a stipend at the Research Councils’ recommended rates as well as research and travel costs for postgraduate research students undertaking interdisciplinary research collaborations
- Glasgow Alumni Scholarships – 10% fee discount for alumni
- University Trust International Leadership Scholarship – 9 scholarships ranging from £5,000 to £10,000
- University of Glasgow Country Scholarships – 50 scholarships at £3,000.

Under the Scottish Government’s Postgraduate Students' Allowances Scheme (PSAS), tuition fee support for a number of our taught programmes is available. For more information, see www.saas.gov.uk.

You can find a full list of scholarships at www.glasgow.ac.uk/scholarships.

‘I was awarded a scholarship of £3,000. I would definitely recommend other students to apply. The process is very easy and the potential reward worth striving towards. Besides, the award contributed to increased self-confidence and motivation.’

Valeriya Koshleeva from Kazakhstan studied for an MSc in International Corporate Finance & Banking.
Postgraduate life at Glasgow

‘Our main piece of advice is if you come, be prepared to fall in love with it: the buildings, the unions, the atmosphere and, most of all, the people.’

Virgin Guide to British Universities 2012
We offer a range of comfortable and affordable accommodation options for postgraduates, from halls of residence to student apartments.

Am I eligible?
Most new students and all new international students are guaranteed accommodation (subject to our admissions policy), see www.glasgow.ac.uk/accommodation.

How much does it cost?
Fees range from around £105.70 per week for a single room in a self-catered residence, £127.89 per week for a single en-suite room in a self-catered residence, to around £163.10 per week for a one-bedroom flat. For up-to-date prices for all our residences, see www.glasgow.ac.uk/postgraduate/accommodation/fees.

We offer a range of comfortable and affordable accommodation options for postgraduates, from halls of residence to student apartments.

Where can I live?
You have options in six residences, located between a two-minute and a 25-minute walk from our main campus.

Benefits include:
- trained pastoral staff living onsite
- free halls-to-campus minibus during semester
- group insurance cover for your belongings
- automatic membership of the University’s sport and recreation facilities
- 24/7 internet access incorporating wi-fi in all rooms
- bed linen and laundry facilities.

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

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

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

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

How do I apply?
As soon as you’ve accepted your offer of study, apply online: www.glasgow.ac.uk/postgraduate/accommodation/apply.
Sport for everyone

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

Sport for fun
From the serious to the social side of sport, we love it all at Glasgow. We have more than 15,000 members of our sports facilities and approximately 3,000 students participate in our 48 different sports clubs. With so many activities to try out and plenty of post-exertion socialising opportunities available, you can get fit and have fun at the same time.

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

Sport for fitness
Our two purpose-built exercise centres are open seven days a week, early until late. Facilities include:
- a six-lane, 25m heated swimming pool
- sauna and steam room
- fitness suite
- squash courts
- strength suite, cardio suite and exercise studio
- activity halls
- grass and synthetic pitches
- cricket oval
- tennis courts.

Exciting new facilities planned
We’ve unveiled a £13.4 million plan to extend the current sporting facilities on our main campus alongside a redevelopment of one of our student unions. Key features of the planned building include: a multi-purpose activity hall; expansion of our cardiovascular, muscle-conditioning and stretching facilities; and increased exercise space including a martial arts studio. The facilities are due to be ready in early 2015.

Find out more
- www.glasgow.ac.uk/sport
- follow @glasgowunisport on Facebook and Twitter
Get involved

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

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

Glasgow University Union has nine bars, libraries, a snooker hall and pool tables. The union claimed UK Student Union of the Year at the Club Mirror Awards in 2011 and 2012. For more information, see www.guu.co.uk.

Queen Margaret Union hosts new music, local bands, big-name acts, the longest-running student club night in Glasgow (Cheesy Pop) and two quizzes. It’s well known for charity fundraising and campaigning on campus. For more information, see www.qmu.org.uk.

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

Discover new hobbies
Glasgow’s student societies provide a great way to enjoy your spare time. We have:
- more than 100 clubs and societies
- volunteering opportunities including volunteering abroad.

Find your voice with student media
The University’s student media has a fantastic reputation. You can join teams that produce:
- Glasgow University Guardian: an award-winning newspaper written and produced by students
- Glasgow University Magazine (GUM): the oldest student publication in Scotland, providing opinion and culture
- Subcity student and community radio, known for events, promotions and quality music and comment online
- Glasgow University Student Television, covering news, views and entertainment online.

Make some music
Do you sing, compose or play an instrument? Glasgow is the UK’s first UNESCO City of Music, and our students and staff run a wide range of music groups that you can join. If you love to listen, you’ll enjoy our range of public performances, including the popular Thursday lunchtime concerts.
- www.glasgow.ac.uk/concerts
- www.glasgow.ac.uk/musicintheuniversity

The University’s Queen Margaret Union hosts around 30 gigs each year. Bands that have performed there include Nirvana, Primal Scream and Biffy Clyro, adding to the 130 music events that take place across the city every week.
Living in Glasgow

- a friendly city for students
- the UK’s first UNESCO City of Music
- Scotland’s shopping capital with designer, boutique and high street stores
- Commonwealth Games host 2014
- over 90 parks and public gardens
West End living

Whether you crave cozy campus living or big city excitement, you’ll be inspired by the University’s location in the friendly West End of Glasgow. Our students have plenty to say about how much they enjoy socialising near our main campus.

‘My favourite place to go is Ashton Lane. I love going there because it’s like taking a step back in time: cobbled streets, old-fashioned buildings, and the cinema is like a 1930s cinema.’
Brianna Elyse Robertson is originally from California.

‘The 78 became my local haunt. It’s like a vegan bar and the food is really good, even if you’re a meat-eater, which I am. They’ve got different music nights, so Thursday is dub and grind, so you can have really lovely food music.’
Jasmin Singh is from Edinburgh.

‘Behind Murano Street Halls of Residence there’s Ruchill Park and in the very centre there’s a small hill and a spire at the top. If you climb all the way up, you can see most of Glasgow and you can see the mountains in the distance.’
Injae Park is from Sweden.

‘My favourite place, definitely, is the Grosvenor Café on Ashton Lane. It’s a great place for a coffee after a long day.’
Chris Roden is from Glasgow.

‘Tribe is probably the coolest place in the West End for brunch. The food is American in style, so expect stacked pancakes with syrup and eggs done every way you like them (and probably loads of ways you haven’t tried yet).’
Ireni Lampraki is from Greece.

‘You’ve got such a choice of cafés here. Artisan Roast is a place I go to a lot because it’s very snug and they have the best cakes.’
Rasha Sabouny is from Canada.

‘Behindly is probably the coolest place in the West End for brunch. The food is American in style, so expect stacked pancakes with syrup and eggs done every way you like them (and probably loads of ways you haven’t tried yet).’
Ireni Lampraki is from Greece.

‘Ketchup is a burger place right on the edge of campus. There are plenty of options to keep the veggies happy, great chunky chip sides and cute milkshakes in old-school milk bottles. Arrive hungry – you’ll need the space!’
Matilda Lomas is from Warwickshire.

‘Tribeca is probably the coolest place in the West End for brunch. The food is American in style, so expect stacked pancakes with syrup and eggs done every way you like them (and probably loads of ways you haven’t tried yet).’
Eleen Roden is from Glasgow.

‘There are loads of little vintage clothes shops. There’s Starry Starry Night, and on Great Western Road there’s the Glasgow Vintage Company. You definitely get trained in the art of finding good stuff. I love looking at the record shops as well.’
Judy Barrett is from the Lake District.

‘Jasmin Singh is from Edinburgh. Whether you crave cozy campus living or big city excitement, you’ll be inspired by the University’s location in the friendly West End of Glasgow. Our students have plenty to say about how much they enjoy socialising near our main campus. ’

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Judy Barrett is from the Lake District.
City life

The largest city in Scotland, Glasgow has a reputation for being a welcoming, fun-filled and accessible place to live, which has something to offer every taste and budget.

Travel
It’s easy to travel around Glasgow, whether you choose to walk, take the bus or use the subway, which connects our main campus in the West End to the city centre in under 10 minutes.

Culture
Art lovers and museum wanderers are spoilt for choice in Glasgow, especially since getting a glimpse of many of the city’s collections is free. You can choose from 17 museums, including the new Riverside Museum of Transport & Travel (pictured below), which has been named European Museum of the Year 2013 – you can even travel to it by ferry.

Just a stone’s throw from the University is Kelvingrove Art Gallery & Museum, which displays 8,000 objects including works by Van Gogh, Monet and Botticelli.

Nightlife
As the UK’s first UNESCO City of Music, Glasgow’s gig scene draws the most exciting talent. On average, the city hosts around 130 music events every week, from indie and rock gigs to classical concerts and folk festivals.

The city boasts more than 700 bars, pubs and nightclubs, two comedy venues and an impressive mix of theatres. You could discover performance art in the Arches theatre, or take in a musical at the King’s.

There are seven cinemas, including the world’s tallest cinema with 18 screens.

Relaxing
If you love to shop, you’ll love Glasgow – the city’s huge retail centre has a ‘style mile’ containing big name shops like Forever 21 and the Apple Store.

Glasgow means ‘dear green place’ in Gaelic and there are 90 reasons why the city lives up to its name: Glasgow has 90 parks and green spaces.

City of sport
Whether playing the game or enthusiastically supporting, Glasgow wears its passion for sport on its sleeve.

The city is due to host the Commonwealth Games in 2014, which means that huge investments in sporting facilities are being made. New and upgraded venues for sport in the city include the Emirates Arena and the Sir Chris Hoy Velodrome, Tollcross Swimming Centre and Glasgow Green Hockey Centre. In addition, Scotland’s national football stadium, Hampden, has been converted into a track and field venue.

As a resident here, you can access sports amenities all over the city, including gyms, running tracks, swimming pools and wall climbing venues. There’s even an indoor snowboard and ski slope made from real snow at Braehead Snow Factor on the outskirts of the city.

Find out more
Don’t take our word for it. To find out more about what it’s like to live in Glasgow, take a look at what our current students are blogging about at www.glasgowgen.net. Alternatively, go to www.peoplemakeglasgow.com to explore the city.

Eating out
Glasgow’s fantastic range of restaurants and cafés reflects the city’s diverse population, so there are plenty of reasons to forget the microwave.

Whether you’re after an amazing Asian kitchen that’s open until 2.30am, a scoop of the creamiest Italian ice cream, or a plate of haggis, neeps and tatties – Scotland’s national dish – Glasgow won’t disappoint.

Vegetarians are well catered for with many eateries dedicated to vegetarian or vegan food and many more mainstream vegetarian-friendly restaurants. Other establishments cater for specific religious requirements.

Whether you’re splashing out or on a shoestring, you can choose from pre-theatre menus, early dining deals and venues that offer cafés, bars, restaurants and late-night dance clubs, all under one roof.

‘Glasgow is one of those rare places that inspires lifelong loyalty in the people who are lucky enough to spend time there. At about the same time as you’ve learned to decipher the local accent, you’ll feel like you’re in on a big secret. Because Glasgow is one of Britain’s urban gems.’

James Bainbridge, Lonely Planet’s Study Glasgow
Discover Scotland

Breathtaking scenery, adventure sports, rugged castles and some of the world’s best-loved cultural festivals – there’s a lot to explore in Scotland, and Glasgow’s the perfect place to start.

We’re based in central Scotland, so whatever your mode of transport, you could be exploring your new country in no time.

You can find:
- climbing, mountain biking, sailing and golf courses within an hour’s drive of the city
- skiing and snowboarding slopes three hours’ drive away in the right conditions
- the Clyde coast and its beaches, castles and ice cream parlours, around 30 minutes away
- easy access to renowned events such as the Edinburgh Festivals and T in the Park
- Loch Lomond, the heather-clad peaks of the Trossachs, and routes to the Highlands and the Cairngorms, under an hour away.

By air
There are three international airports near Glasgow.

<table>
<thead>
<tr>
<th>Airport</th>
<th>Distance to Glasgow</th>
</tr>
</thead>
<tbody>
<tr>
<td>Glasgow Airport</td>
<td>7 miles</td>
</tr>
<tr>
<td>Prestwick Airport</td>
<td>33 miles</td>
</tr>
<tr>
<td>Edinburgh Airport</td>
<td>42 miles</td>
</tr>
</tbody>
</table>

Glasgow to Approx journey time
- London 1 hour 10 mins
- Amsterdam 1 hour 40 mins
- New York 7 hours
- Dubai 7 hours 15 mins

By train
Two train stations in the city centre link to all major stations in the UK.

<table>
<thead>
<tr>
<th>Glasgow to</th>
<th>Approx journey time</th>
</tr>
</thead>
<tbody>
<tr>
<td>Edinburgh</td>
<td>50 mins</td>
</tr>
<tr>
<td>Newcastle</td>
<td>2 hours 30 mins</td>
</tr>
<tr>
<td>Manchester</td>
<td>3 hours 30 mins</td>
</tr>
<tr>
<td>Cardiff</td>
<td>7 hours</td>
</tr>
<tr>
<td>London</td>
<td>5 hours</td>
</tr>
</tbody>
</table>

By road
Motorway links provide quick access to major cities throughout the UK.

<table>
<thead>
<tr>
<th>Glasgow to</th>
<th>Approx journey time</th>
</tr>
</thead>
<tbody>
<tr>
<td>Manchester</td>
<td>under 4 hours</td>
</tr>
<tr>
<td>Birmingham</td>
<td>under 6 hours</td>
</tr>
<tr>
<td>Cardiff</td>
<td>under 7 hours</td>
</tr>
<tr>
<td>London</td>
<td>7 hours</td>
</tr>
</tbody>
</table>

By boat
Ferries link Northern Ireland to Cairnryan, approximately 90 minutes south of Glasgow. There is also a Belfast to Stranraer sailing and a high-speed service from Largs to Troon.

You can find some of Scotland’s popular snowboarding and skiing resorts in the Cairngorms, and so much more on Glasgow’s doorstep.
Glasgow is ranked third for international student satisfaction according to the International Student Barometer Summer Wave 2012.

Students from 120 countries around the world study at the University each year.
No matter how far you travel to join us, we’ll help you to feel at home in Glasgow. We have a range of specialist staff dedicated to your needs, so you’ll always find someone to offer you support.

Meet us in your own country
Our representatives travel throughout the world to attend exhibitions, offer information sessions and interview candidates. We’re very happy to answer any questions you have. To find out where and when we will be visiting, see www.glasgow.ac.uk/international.

Support during application
During the application process and your preparations for travelling here, we have a specialist support team that can give you advice on topics including
• immigration
• orientation and arrival
• employment
• advice on bringing your family.
www.glasgow.ac.uk/international/support

Our International Student Handbook has lots of advice: www.glasgow.ac.uk/internationalstudenthandbook.

Your student visa
There have been major changes to UK immigration recently. To stay informed see www.ukba.homeoffice.gov.uk.

Accommodation
As an international student, you are guaranteed a place in University accommodation if you book before 22 August on the year of your intended entry. For more information about where you can live, see www.glasgow.ac.uk/accommodation.

Fees and living costs
The cost of living varies depending on your needs. We recommend £11,500 per year minimum for single students and £15,000 for married couples. Add £3,000 for each child. We have detailed information about fees and costs at www.glasgow.ac.uk/studentfinance.

International students may be able to benefit from a range of scholarships and discounts, including a fee discount for new one-year full-time postgraduate taught Masters programmes being introduced by the University in 2014-15. See www.glasgow.ac.uk/scholarships/international.

Airport pick-up
If you are arriving in September, our Welcome Team can meet you at Glasgow Airport and provide transport to the campus, or your University accommodation. In the weeks before you arrive, you can register for this service at www.glasgow.ac.uk/international/support.

Find out more
Tel: +44 (0)141 330 6062
Email: student.recruitment@glasgow.ac.uk

English language support
Before you are admitted to the University, you must show competence in English. You can find information about which qualifications we accept on www.glasgow.ac.uk/international/englishlanguagerequirements.

Our English as a Foreign Language (EFL) Unit provides courses to help you. Our programmes can take you from IELTS 4.5 overall/4.5 in writing, to the required level, with courses from 5 to 40 weeks, depending on your level of proficiency. If you’d like to continue to improve your English once you’ve started your degree, we also provide part-time language classes. See www.glasgow.ac.uk/efl.

Support for your family
We run orientation programmes especially for you and your family. These have details about immigration, accommodation, English language, employment, health, childcare and schools, and driving in the UK.

We also offer
• international family lunchtimes meet-ups on campus
• trips to places of interest in Scotland
• coffee and craft mornings.

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

Specialist careers advice
We were the first university in Scotland to appoint a careers adviser to develop specialist advice for our international students. www.glasgow.ac.uk/careers.
College of Arts

Join a graduate school with a vast range of academic experience, strong links to cultural organisations and unique on-campus resources, including The Hunterian, our University museum and art gallery.

www.glasgow.ac.uk/arts

Schools
• School of Critical Studies (English & Scottish Literature & Language; Theology & Religious Studies)
• School of Culture & Creative Arts (Art History; Cultural Policy & Media Management; Film & Television Studies; Music; Theatre Studies)
• School of Humanities (Archaeology; Celtic & Gaelic; Classics; History; Information Studies; Philosophy)
• School of Modern Languages & Cultures

Contact
Tel: +44 (0)141 330 6319
Email: gradschool.arts@glasgow.ac.uk
Archaeology

Archaeology is an exciting exploration of the material remains of past societies, linking fieldwork and laboratory analysis with theoretical reflection and sophisticated interpretation.

- You will join a supportive, collaborative and friendly research community.
- Material culture lies at the heart of our research, from the individual artifact to entire landscapes. We also work on the presentation of archaeological remains in modern settings, and are involved in their management as cultural heritage and resources of the tourism industry.
- Our academic staff are linked with specialists outside the University, allowing a framework for collaborative research. Guest speakers from around the world give lectures and run seminars.
- We involve Glasgow Life (responsible for the city’s public galleries and museums), National Museums Scotland and other institutions with our teaching. You could take a work placement in a museum, archaeological unit or other cultural institution.
- We have our own field school, which will give you a strong grounding in excavation techniques.
- The Hunterian, the University’s museum and art gallery, holds internationally renowned collections and is an excellent resource for research and teaching.

Postgraduate research programmes

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

Research interests:
- Landscape archaeology and regional studies, especially in Scotland and the Mediterranean
- Historical archaeology
- Social theory in archaeology
- Science-based applications including archaeometallurgy, ceramic analysis, geophysics and aerial photography
- Applications of IT, particularly GIS and 3D modelling
- Material culture studies.

Potential supervisors

You are welcome to contact individual staff members to discuss a potential research topic before applying: www.glasgow.ac.uk/archaeology/staff or tel: +44 (0)141 330 5513; email: elaine.wilson@glasgow.ac.uk.

Career prospects

Through our links with national bodies, recent students have gained employment in Historic Scotland, the Archaeology Data Service, National Museums Scotland and the Royal Commission on the Ancient & Historical Monuments of Scotland, as well as in the fields of academia and business.

Postgraduate taught programmes

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

Postgraduate taught programmes

- Archaeological Studies (MSc)
- Battlefield & Conflict Archaeology (MSc)
- Celtic & Viking Archaeology (MSc)
- Landscape: Integrated Research & Practice (MSc)
- Material Culture & Artefact Studies (MSc)
- Museum Studies (MSc)

For more information: www.glasgow.ac.uk/postgraduate/taught.

Archaeology postgraduate students run Love Archaeology magazine, which is a platform for aspiring archaeologists. The publication features contributions by authors, researchers, editors, photographers and creatives of all kinds. http://lovearchmag.tumblr.com

Improving professional practice

Lecturer in Archaeology Dr Chris Dalglish is combining his background in professional archaeology with his academic research interests in heritage and landscape management.

‘My research is focusing on government policy and professional practice to do with heritage and landscape management,’ explains Dr Dalglish. ‘Having worked professionally for seven years before taking up a lecturing position, I work a lot both with other academics and also with people in professional practice outside the University. My aim is to change the way we do things for the better.’

Dr Dalglish was recently appointed to the RSE Young Academy, where he is able to mix with people from all disciplines based in universities, businesses, the public sector and charities. ‘I think collaboration is fundamental to what I do,’ he says. ‘The RSE Young Academy offers the opportunity to forge new relationships and promote research in a way that translates into the real world.’

The postgraduate programmes in archaeology are designed to give students an understanding of the world of professional work as well as academic research. Dr Dalglish is the convener of the Landscape: Integrated Research & Practice Masters programme and students benefit from his academic and professional collaborations. ‘Glasgow is a great place to be,’ Dr Dalglish says. ‘We have strong connections with different industries and sectors.’

www.glasgow.ac.uk/people/chrisdalglish
Art History

The University of Glasgow is the UK’s leading centre for the study of history of art.

- Our expertise covers all major European art historical periods and we have strengths in technical art history and textile conservation. We offer object-based learning using outstanding local collections.
- There is a lively programme of seminars which postgraduates regularly contribute to. Our Institute of Art History offers a lecture series delivered by leading historians, conservators and visiting academics.
- You will have the opportunity for placements within the city’s outstanding collections through our links with Glasgow Life, who are responsible for the city’s public galleries and museums.
- At The Hunterian, the University’s museum and art gallery, you will be able to gain hands-on experience and practical skills.
- Other facilities include the Centre for Textile Conservation & Technical Art History, which is an internationally significant research hub. Our Centre for Art Resource Centre has more than 5,000 books, selected periodical holdings and 15,000 catalogues.
- We run joint postgraduate programmes with Christie’s Education in London.

Postgraduate research programmes

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

Research interests:
- European art historical periods, particularly medieval, Renaissance, 17th, 18th and 19th centuries
- Modernist studies, particularly Dada, Surrealism and German art
- Chinese art and culture
- The development and application of art theory, particularly gender and post-1945
- Collecting practices, collections and museums
- Technical art history
- Dress textile history
- Textile conservation.

Potential supervisors

You can contact individual staff members to discuss a potential research topic before applying: www.glasgow.ac.uk/history/postgraduate/taught.

For more information: www.glasgow.ac.uk/postgraduate/taught.

‘The teaching staff have been welcoming, encouraging and illuminating; both professionally with their scholarly insight into the profession, and academically with the breadth of curriculum topics and coursework.’
Frank Walker, MLitt International Art Nouveau Graduate

Career prospects

Career opportunities include positions in curation, digitisation and research within museums, galleries and other cultural and heritage institutions. MLitt or PgDip students at our associate institution, Christie’s Education, are trained for an MLitt in Art-World Practice, which includes an auction house cataloguing examination and professional report writing skills.

Specialist resources for postgraduates

The University’s Centre for Textile Conservation & Technical Art History is an internationally significant research and education hub. It brings together existing areas of expertise in textile conservation and technical art history. Resources include workshops for students, a wet lab, dye lab, chemistry lab and analytical lab.

The centre is the home of two postgraduate programmes:
- Technical Art History: Making & Meaning (MLitt)
- Textile Conservation (MPhil).

There are also opportunities for PhD study in these subject areas.

You will benefit enormously from the involvement of staff from Glasgow Life, National Museums Scotland and other institutions within Scotland. There are opportunities to work with collections from local museums, including The Hunterian, the University’s museum and art gallery.

www.glasgow.ac.uk/textileconservation/technicalarthistory
Celtic & Gaelic at Glasgow brings together the teaching and research of the ancient, medieval and modern periods in the Celtic languages of Scottish Gaelic, Irish and Welsh.

- With links to archaeology, history and modern languages and cultures, you can study a range of fascinating languages and cultures.
- Our primary interests are: Scottish Gaelic and Irish language and literature; and medieval Celtic literatures and history.
- You will benefit from collaboration and interaction in research and teaching with members of other subject areas such as archaeology and history.
- Students run their own weekly reading groups as well as contributing to the weekly research seminars run by the Centre for Scottish & Celtic Studies.
- We are involved with externally funded research projects such as the Digital Archive of Scottish Gaelic. Staff are involved in academic and public cooperative projects, including the provision of Computer-Assisted Learning for Gaelic.
- We hold collections of rare Gaelic manuscripts from the 17th to the 20th centuries. Our MacLan Room archive houses books, periodicals and other printed material relating to Celtic and Gaelic.
- The city of Glasgow has rich historical and cultural resources, from museums to contemporary Gaelic culture.

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

Research interests
- Medieval Irish narrative
- Early Gaelic and medieval Welsh literature and law
- Linguistic, literary and religious aspects of early medieval Scotland
- 19th, 20th and 21st century Scottish Gaelic literature
- Scottish Gaelic: oral tradition and oral transmission
- The early church in the Celtic countries
- Celtic inscriptions
- Place names
- Early and modern Gaelic languages
- Gaelic dialects, dialectology and historical linguistics
- Gaelic sociolinguistics
- Scottish Gaelic education.

Potential supervisors
You are welcome to contact individual staff members to discuss a potential research topic before applying: www.glasgow.ac.uk/celticgaelic/staff or tel: +44 (0)141 330 5425, email: sheila.kidd@glasgow.ac.uk.

Postgraduate taught programme
- Celtic Studies (MLit)

For more information: www.glasgow.ac.uk/postgraduate/taught.

Career prospects
Previous students have secured jobs in academia, museums and government heritage bodies; publishing and book marketing; primary and secondary teaching and teaching English as a foreign language abroad.

Digitising Gaelic language and culture
Researchers are looking to the future by digitising archives that will bring the Gaelic language, culture and history to a modern audience.

‘The primary goal of my research is to shed light on Gaelic language and culture, and to share that with the public,’ says Roibeard Ó Maolalaigh, Professor of Gaelic. ‘Very often you find yourself dealing with evidence and materials that have never been looked at in depth, so it’s very exciting, you are blazing a pioneering trail.’

Professor Ó Maolalaigh is the director of the Digital Archive of Scottish Gaelic, established in 2006 to digitise the extensive archive generated by The Historical Dictionary of Scottish Gaelic project. He also directs the Corpas na Gàidhlig project which will provide the textual basis for the new Interuniversity project Facail na Gàidhlig.

‘One of the attractions of coming to Glasgow was the archive that had been built, and the possibilities of creating a web resource so that people could access the information,’ explains Professor Ó Maolalaigh. ‘The resources include extensive fieldwork records, manuscripts and sound recordings from throughout Scotland and Canada.

Celtic and Gaelic studies are interdisciplinary by nature, and include languages, archaeology, medieval studies, and literature. The University is a very attractive place to work in this field,’ says Professor Ó Maolalaigh. ‘We’re on the doorstep of the Highlands with easy access to Gaelic speakers, and Glasgow has the greatest concentration of Gaelic speakers in Scotland.’

www.glasgow.ac.uk/people/roibeardomaolalaigh

For entry requirements and how to apply, click here.

For scholarships and fees, click here.
Classics

Our research spans the Greek and Roman worlds, with particular focus on drama, fictional and historical narrative, rhetoric and politics, and the receptions of classical antiquity.

- We hold a regular programme of seminars, workshops and reading groups. Leading classicists contribute to seminars and there are networking opportunities in our lively research events programme.
- There is a dedicated study space for classics students, which has an extensive research collection.
- To enrich the culture of classics, there are a number of societies which help link staff with students, teachers and the wider classical community. These include: the Classical Association of Scotland; the Scottish Hellenic Society; the Alexanderian Society.
- The St Andrews, Glasgow and Edinburgh postgraduate association (STAGE) organises the annual Scottish Classics Postgraduate Conference.
- You will take part in the programme of UK-wide postgraduate meetings in ancient history, literature and reception.
- The city’s civic collections are some of the richest and most diverse in Europe. You also have access to a host of resources on campus, from the very well-stocked University Library to The Hunterian, the University’s museum and art gallery, with its notably fine coin collection.

Postgraduate research programmes

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

Research interests

Staff research interests cover the full range of the discipline, from Homer to Late Antiquity, from Republican politics to modern receptions. We organise our research around four main themes in the study of ancient Greece and Rome:
- drama (comedy, tragedy, mime)
- historical and fictional narrative
- politics (with notable expertise in rhetoric)
- the receptions of classical antiquity.

Recent PhD topics have included studies of:
- religion and politics in the Roman Republic
- the politics of Oligarchic Italy
- the modern reception of Greek tragedy
- masculinity and the classical monster
- Roman archaeology
- Greek and Roman numismatics.

Potential supervisors

You are welcome to contact individual staff members to discuss a potential research topic before applying: www.glasgow.ac.uk/classics/staff or tel: +44 (0)141 330 3638, email: christofe.isterguer@glasgow.ac.uk.

‘The wide variety of subjects you can study is what attracted me to Glasgow. I’ve studied everything from languages to mime to a reception course on science fiction. It is really interesting to look at the classical world and how it has affected the world we live in today.’ Sarah Graham completed her MLitt in Classics at Glasgow and is now studying for her PhD.

Career prospects

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

Cultural Policy & Media Management

We produce world-class analytical, theoretical and empirical research that contributes to public debate on cultural, communications and worldwide media policies.

- The University’s Centre for Cultural Policy Research (CCPR) is internationally connected in the academic world and has excellent relationships with policymakers, cultural agencies and the media and communications industries.
- We host a series of events including research seminars, presentations from industry professionals, PhD workshops and guest lectures. Through these events you will have the chance to exchange knowledge and ideas with others researching in cognate areas, as well as to learn from industry experts.
- Previous guest speakers have come from the BBC, Channel 4, The Financial Times, Ofcom, ACT Europe, MTV Europe, the Press Complaints Commission and the British Film Institute.
- The CCPR is led by Professor Gillian Doyle, who was responsible for setting up the UK’s first Masters programme in the area of media management and economics. Honorary Professors on the degree programme include David Booth of MTV, Chris Llewellyn, President of FIPP the worldwide magazine media association and Ross Biggam, Director of ACT (the Association for Commercial Television Broadcasters in Europe).

Research interests

We welcome applications to undertake studies for higher degrees in the following broad areas of specialisation and expertise:
- creativity and innovation in the cultural and media industries
- cultural and national identities and communications in the global context
- evaluation of the social impact of arts intervention
- evidence-based policymaking
- media, management and media economics
- media regulation and cultural policy in the UK and EU
- media and representations of business
- media, journalism and sport.

Potential supervisors

You are welcome to contact individual staff members to discuss a potential research topic before applying: www.glasgow.ac.uk/ccpr/staff or tel: +44 (0)141 330 3812, email: raymond.boyle@glasgow.ac.uk.

‘We have tremendous international connections and I have worked on international projects over many years. We think that collaboration within the University and across other universities is very important.’

Philip Schlesinger, Professor in Cultural Policy, is an expert in the creative industries and the creative economy.

Career prospects

You will be prepared for a range of management careers across the media sector, including economics, business strategy, media policy, intellectual property rights and marketing. Our programmes offer an academically engaging and rewarding experience, allowing you to embark on policy advisory and consultancy roles or to pursue a career in academia.

Postgraduate research programmes

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

Research interests

You are welcome to contact individual staff members to discuss a potential research topic before applying: www.glasgow.ac.uk/postgraduate/research.

Potential supervisors

You are welcome to contact individual staff members to discuss a potential research topic before applying: www.glasgow.ac.uk/postgraduate/staff.

Career prospects

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

Postgraduate research programmes

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Research interests

You are welcome to contact individual staff members to discuss a potential research topic before applying: www.glasgow.ac.uk/postgraduate/research.

Potential supervisors

You are welcome to contact individual staff members to discuss a potential research topic before applying: www.glasgow.ac.uk/postgraduate/staff.

Career prospects

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English & Scottish Literature & Language

The University has research expertise in all aspects of English and Scottish literature and language.

Postgraduate research programmes
There is a range of full- and part-time study options available. Our research programmes include: MRes, MPhil, MLit [Research]; and PhD.

Research interests
18th-century romanticism
• American studies
• Creative writing
• Historical English language
• Medical humanities
• Medieval and Renaissance studies
• Modern English language
• Modernism/modernities
• Robert Burns
• Scots and English in Scotland
• Scottish and Irish literature
• Translation
• Victorian.

Potential supervisors
You are welcome to contact individual staff members to discuss a potential research topic before applying: www.glasgow.ac.uk/englishlanguage/staff or www.glasgow.ac.uk/englishliterature/staff or www.glasgow.ac.uk/scottishliterature/staff or tel: +44 (0)141 330 7493, email: critstudies-english@glasgow.ac.uk.

Postgraduate taught programmes
• American Studies (MLitt)
• Creative Writing (MLitt)
• Creative Writing (MLit)
• English Language & English Linguistics (MiSc)
• English Language & English Linguistics (MiRes)
• Medieval & Renaissance Studies (MLitt)
• Modernities: Literature, Theory & Culture (MLitt)
• Victorian Literature (MLilt)

For more information: www.glasgow.ac.uk/postgraduate/taught.

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

A creative community for aspiring writers
The University’s Creative Writing programme offers students the chance to learn from international, award-winning writers.

Elizabeth Reeder, co-director of the programme, has a passion for teaching. ‘I believe firmly that no one should be teaching on a creative writing programme who is not an active practising writer,’ says Dr Reeder, who published two novels to wide critical acclaim in 2012. ‘I am here because I want to teach and I love teaching.’

As one of the oldest creative writing programmes in the world, it attracts students from a wide range of geographical and professional backgrounds. ‘People seek us out, and they come here to focus on their creative work and gain the other skills that we teach,’ says Dr Reeder.

Students are advised on aspects of their creative and technical writing, as well as learning the essential skills of critical reading and editing, and gaining knowledge of the publishing industry.

Graduates in creative writing have gone on to become internationally respected writers and publishers, and include Rachel Soffert (shortlisted for the Booker Prize in 2001), Rodge Glass (winner of the Somerset Maugham Award in 2009) and Adrian Searle (publisher, Freight Books).

Zoli Strachan (winner of the Betty Trask Award) graduated in 2000 and returned as a creative writing tutor in 2003. ‘The most important aspect for me as a student was that I became part of a community of writers,’ she says. Having been teaching for ten years now, Zoli Strachan has seen both the programme and the city flourish. ‘In recent years Glasgow has really grown as a city full of artists and ideas, and creative writing at the University feeds into that exciting mix,’ she says. ‘I learn a tremendous amount from working with talented new writers, and it’s always a pleasure to be there as they find their voice.’
Based in Scotland’s media capital, you will benefit from our close links to industry, excellent facilities and guidance from academics who are experts in their fields.

Postgraduate research programmes

- We are committed to research that pursues critical analyses and interpretations, and explores film and television production aesthetically, historically and socially.
- Our University is home to the international journal Screen and hosts the annual Screen conference every summer, attracting leading names in film and television studies from across the world.
- Throughout the year there are opportunities to learn from and engage with guest speakers from media industries.
- You will have the opportunity to meet and network with a range of specialist national and international researchers via a series of seminars funded by Screen.
- Our excellent facilities include video editing resources, a cinema, a theatre and a fully-equipped performance studio.
- We have an extensive video library of more than 6,000 items including feature films, television programmes, cinema shorts and documentaries.
- The city of Glasgow is home to BBC Scotland, Glasgow Film Festival and a collection of independent film and television companies.

Postgraduate taught programmes

- For entry requirements and how to apply, click here.
- For scholarships and fees, click here.

Career prospects

Our graduates go on to build their careers in the media and creative industries, such as film education, festival management, festival programming, and arts administration; as well as research in television, academia and the public sector. Others find opportunities in journalism, publishing, media research and global film distribution and exhibition.

Research interests

- Film and television theories
- Histories and aesthetics
- Film philosophy
- Postcolonial theory and criticism
- Cinema, the nation and transnationalism
- World cinemas
- Amateur cinema
- Television and cinema audiences
- Sound and the moving image
- Film festivals
- Children’s film and television.

You can work in areas of specialist interest using methods from the arts, humanities and social sciences, including, where appropriate, research through practice.

Potential supervisors

You are welcome to contact individual staff members to discuss a potential research topic before applying: www.glasgow.ac.uk/tfts/staff or tel: +44 (0)141 330 3639 email: karen.lury@glasgow.ac.uk.

For more information: www.glasgow.ac.uk/postgraduate/taught.

For Sydney native Dr Tim Barker, one of the attractions of making an international move to Glasgow to become lecturer in Digital Media was that it was a new post he could make his own.

Dr Barker’s interests span media studies, art theory and the philosophy of technology, and his research involves the critical analysis of the use of digital media in the contemporary world.

‘My brand of new media studies isn’t necessarily about a close study of Facebook shares or tweets – it’s about the experimental use of this new technology that we have,’ he explains. ‘I’m interested in exploring how artists, for instance, have used new technologies in innovative ways and looking at the cultural implications of art, science and technology collaborations. For example, rather than using interactive technologies to play video games or to access the internet, artists are using them to create a piece of music, tell a story or create a visualisation.’

Dr Barker is delighted at the move he’s made to the city. ‘Glasgow offers an absolutely world-class, world-leading university and, in terms of this subject area, really well-respected academics,’ he says. ‘The University campus stretches across the West End and it’s just such a beautiful place to live – and this is coming from someone who has lived in Sydney. I prefer it here.’

www.glasgow.ac.uk/people/timothybarker

For entry requirements and how to apply, click here.
For more information: www.glasgow.ac.uk/postgraduate/taught.
History

We bring together expertise in a diverse range of topics including social and gender history, history of medicine, war studies and American history and culture.

• Our expertise in Scottish history spans the social, political and cultural history of the nation from the medieval period through to the 20th century.
• We have a large group of medieval historians in Britain, offering subjects across a thousand years of history.
• We collaborate across related subjects including English literature, Scottish literature, archaeology and Celtic studies to undertake important interdisciplinary research.
• Research centre sponsor seminar series, conferences and grant-funded projects.
• We have long-standing exchanges with universities in the United States, Australia and Europe, and an active programme of research seminars and lectures.
• Our excellent postgraduate resources include: a research library containing rare printed sources for the study of medieval and early modern Scotland, Ireland and England; a medieval history collection; economic and social history collections.
• You will have access to Scotland’s collections, including the National Library of Scotland; the National Collections; and the Mitchell Library; as well as The Hunterian, the University’s museum and art gallery.

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

Research interests
• Medieval Europe
• Scotland, Ireland and the British Isles
• Early modern culture, beliefs and ideas
• American history and culture
• History of medicine
• Social and gender history
• War studies
• Late modern American, European, British and Scottish history

Potential supervisors
You are welcome to contact individual staff members to discuss a potential research topic before applying: www.glasgow.ac.uk/history/staff or tel: +44 (0)141 330 3538, email christella.ferguar@glasgow.ac.uk.

Postgraduate taught programmes
• American Studies (MLitt)
• Early Modern History (MLitt)
• History (MLitt/MSc)
• History (with an emphasis on the History of Medicine) (MLitt/MSc)
• Medieval History (MLitt)
• Modern History (MLitt)
• Scottish History (MLitt)
• War Studies (MLitt)

For more information: www.glasgow.ac.uk/postgraduate/taught.

‘I enjoyed the thought-provoking seminars and the freedom to chart my own research path. A PhD from Glasgow carries special weight in the UK and abroad.’
Dr Cosma Caganauskas, PhD Modern History graduate

Career prospects
The skills and methods you will learn can lead to employment in the public and private sectors including positions in heritage, policy, journalism and teaching. Internships are available with The Hunterian, and there are opportunities to work closely with other key institutions such as Glasgow Life and Glasgow Women’s Library.

Looking into the lives of women
The University’s Centre for Gender History brings together researchers from across the arts and social sciences.

Professor of Gender History Lynn Abrams collaborates with colleagues within the centre. ‘We have researchers looking at the early medieval period right the way through to contemporary history, and I think that’s a real strength,’ she says. ‘The centre is a hub for a range of activities and projects and allows us to exhibit both nationally and internationally what we do here at Glasgow. It also means that postgraduate students can be integrated into a lively interdisciplinary network of academics and other postgraduates.’

Professor Abrams researches the lives of women in Britain after 1945, focusing on the transition generation between the Second World War and women’s liberation. ‘I’m looking at the conditions in which they became autonomous, independent women, very different from their mothers’ generation,’ she explains. ‘These women lived feminist lives before the advent of second wave feminism; they were trailblazers in education and the workplace. It’s important to acknowledge their place in the trajectory of women’s emancipation.’

There are wide-ranging opportunities for postgraduate students in the field of gender history, particularly because of the chronological breadth of the centre. The joint supervision policy in the college also allows students to work across different interdisciplinary subject areas. ‘I think we can offer students a range of research expertise and a really supportive and active research environment,’ says Professor Abrams. ‘They would be coming into a very vibrant culture for gender history.’

www.glasgow.ac.uk/people/lynnabrams
We explore how information and communication technology can shape our knowledge and understanding in the arts, humanities and cultural heritage sectors.

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

Research interests
• Digital curation, with a particular emphasis on collaborative, translational research in national and international projects
• Theoretical approaches to information, looking at the issues of postmodernism, relativism, cognition and consciousness, with a particular emphasis on machine consciousness, enrikenoaxia, information and information processing
• Archives, records and information management
• Digital heritage and humanities.

Recent student projects have explored the phenomenon of family history, the technological and experiential relationships between belles-lettres and blogs; the development of record-keeping practices in sub-Saharan Africa; and the politicisation of genealogy in the Third Reich.

Potential supervisors
You are welcome to contact individual staff members to discuss a potential research topic before applying: www.glasgow.ac.uk/informationstudies/staff or tel: +44 (0)141 330 5512, email: elaine.wilson@glasgow.ac.uk.

Career prospects
You can find career opportunities in museum curatorship and management, digital curation, archival and digital records management within a variety of sectors and organisations. Previous graduates have advanced or established careers in governmental agencies, corporations, law enforcement agencies, the legal profession, computer forensics professions and information security professions.

We bring together experts in French, German, Spanish, Catalan, Portuguese, Italian, Russian, Czech, Polish, Comparative Literature and Translation Studies.

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

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

Potential supervisors
You are welcome to contact individual staff members to discuss a potential research topic before applying: www.glasgow.ac.uk/mlc/staff or tel: +44 (0)141 330 5303, email: carolyn.donaldson@glasgow.ac.uk.

Postgraduate taught programmes
Comparative Literature (MLitt)
European Studies: Cultures, Societies & Languages (MLitt)
Translation Studies: Translation & Professional Practice (MSc)

For more information: www.glasgow.ac.uk/postgraduate/taught.

Career prospects
You will be prepared for a wide range of careers, from translation to areas requiring advanced language and communication skills, such as journalism, public relations, technical writing and teaching. Other career opportunities include positions in the public sector, such as the diplomatic services and government, as well as in the European Union.
Postgraduate research programmes
There is a range of full- and part-time study options available. Our research programmes include: MMus, MRRes, MPhil (Research); MLitt (Research); and PhD.

Research interests
- Composition and sonic arts
- Historical and cultural musicology, particularly modernity in musical culture
- Performance and performance studies
- Popular music studies
- Scottish music and musicians.

Themes do overlap and staff activity encompasses a wide range of more specialised fields.

Potential supervisors
You are welcome to contact individual staff members to discuss a potential research topic before applying: www.glasgow.ac.uk/music/staff or tel: 44 (0)141 330 3811, email: jeanne.f.bowie@glasgow.ac.uk.

For more information: www.glasgow.ac.uk/postgraduate/taught.

Postgraduate taught programmes
- Composition (PgCert/PgDip)
- Historically Informed Performance Practice (in conjunction with the Royal Conservatoire of Scotland) (MMus)
- Musicology (PgCert/PgDip)
- Popular Music (MLitt)
- Popular Music: Creative Practice (MLitt)
- Popular Music: Music Industries (MLitt)
- Sonic Arts (PgCert/PgDip)

For more information: www.glasgow.ac.uk/postgraduate/taught.

‘I can’t emphasise enough the value of the practical opportunities that this programme provided, the perspectives given by the excellent guest lecturers and the chance to experience working in the music industries.’

Songwriter and performer Albert Kawmi completed an MLitt in Popular Music.

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

For entry requirements and how to apply, click here.

For scholarships and fees, click here.

Music

Based in the UK’s first UNESCO City of Music, you can learn from award-winning professional musicians and music scholars.

• You can pursue your musical interests through researching, performing, composing and exploring musical technology.
• You will be able to take up work placements in Glasgow’s legendary music scene. We have close links with organisations such as The Arches, Chemical Underground Records, DF Concerts, the Glasgow International Jazz Festival and the Royal Conservatoire of Scotland.
• We host a series of colloquia on behalf of the Royal Musical Association which you can attend.
• Our facilities include: seminar and soundproof practice rooms; an audio workstation lab; electroacoustic studios; and the University’s concert hall.
• The city is home to the BBC Scottish Symphony Orchestra, Scottish Opera and the Royal Scottish National Orchestra (RSNO). There are ensemble workshop and performance opportunities through the RSNO and other groups.
• The University’s campus-wide musical activities will give you the opportunity to enjoy a range of public performances or get involved with a musical group.

Back to Bach
The city of Glasgow, with its strong musical heritage and combination of cultures, offers a rich urban environment in which to study music.

Mirroring the diverse range of musical styles and groups in the city, the University has expertise in an exciting range of subject areas including composition, Scottish music, popular music studies, jazz, the philosophy of music, sonic art, and performance studies.

‘We have a lot of diverse areas in music that play off one another and inspire one another,’ says John Butt, Gardiner Professor of Music. ‘It’s an inspiring place to work, not just because of the high quality of staff but because of the students too.’

Professor Butt’s research interests cover several musical fields, including 18th-century music and its relation to modernity. ‘I’m interested in how the music of JS Bach plays between the old world and the newer emerging western world, and how the tensions and counterpoints evident in his music are useable in our current circumstances,’ he explains. ‘That also brings in questions of listenership, and how music is defined by the way it’s listened to.’

Professor Butt is particularly interested in historical performance, and he performs professionally throughout the world. He collaborates widely with international musicians both overseas and within the University. ‘Specialists from continental Europe, America, China and Japan come to Scotland to work with me and my colleagues,’ says Professor Butt.

With new collaborations studying music in film and television as well, the field of music at the University is as diverse and vibrant as the city itself.

www.glasgow.ac.uk/people/johnbutt

www.glasgow.ac.uk
Philosophy

We build on a prestigious history that includes the achievements of great thinkers such as Francis Hutcheson, Adam Smith and Thomas Reid.

- Our researchers often work in an interdisciplinary manner, drawing on philosophy, psychology, neuroscience, psychiatry, and human-computer interaction.
- We hold weekly senior seminars where eminent philosophers present their research and receive critical feedback.
- You can take part in our weekly postgraduate seminars where students present their work to their peers and to staff.
- You can take part in reading groups, workshops, conferences and research projects throughout the year. You could also spend part of your degree abroad.
- Past and present students present their research all over the world and are published in some of the very best philosophy journals.
- Our Centre for the Study of Perceptual Experience facilitates analytical philosophical and empirical research into the nature of perceptual experience.
- The Forum for Philosophy & Religion supports innovative researchers who use analytical philosophy methods to study religious ideas.
- The Royal Institute of Philosophy offers some studentships and bursaries.

www.royalinstitutephilosophy.org

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

Research interests
- Metaphysics
- Epistemology
- Philosophy of mind
- Philosophy of perception
- Philosophy of language
- Logic
- Philosophy of mathematics
- Ethics
- Political philosophy
- Aesthetics
- Philosophy of religion
- The history of early modern philosophy
- The history of analytic philosophy.

Potential supervisors
You are welcome to contact individual staff members to discuss a potential research topic before applying: www.glasgow.ac.uk/philosophy/staff or tel: +44 (0)141 330 3038, email: christelle.leriguer@glasgow.ac.uk.

Postgraduate taught programmes
- Philosophy (MLitt)
- Philosophy (Conversion Programme) (MLitt)

For more information: www.glasgow.ac.uk/postgraduate/taught.

Postgraduate taught programmes
- Theatre Practices (MLitt)
- Theatre Studies (MLitt)

For more information: www.glasgow.ac.uk/postgraduate/taught.

We focus on the techniques of historical, sociological and theoretical analysis of the theatrical process, past and present.

- We create a stimulating, supportive research community for scholars pursuing a wide range of topics, using a variety of methodologies.
- You will learn primarily in small seminar groups and there is flexibility for you to study areas of individual interest.
- We hold regular masterclasses, workshops and seminars with external specialists and invited speakers, which introduces students to key debates and influential practitioners.
- You will have access to specialist resources and facilities including the James Armit Theatre, a performance studio and an independent learning resources room.
- The University’s Scottish Theatre Archive is a useful resource of archival material relating to Scottish theatre.
- Glasgow is home to many theatres, touring companies, film venues and creative organisations. We have strong links with the National Theatre of Scotland, Playwrights’ Studio Scotland, The Arches and the V&A museum. This allows us to offer our Masters students the opportunity for work placements.
- The city hosts annual theatre and performance festivals, and is only 50 minutes by train from the Edinburgh festivals.

‘Glasgow has a conversion programme, which is unique in the UK. Within a year we convert graduates from other disciplines into people ready to do a PhD in philosophy.’ Professor Fiona Macpherson, director of the University’s Centre for the Study of Perceptual Experience

Career prospects
Philosophy students at Glasgow receive rigorous training in problem solving, writing, presentation and research skills, which are widely applicable to a range of careers including journalism, teaching, the Civil Service, local government, business, publishing, law and the arts.

Research students are given personalised advice and opportunities in: research and publishing; presenting papers at conferences; teaching; and the format and content of curricula vitae.

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- Glasgow is home to many theatres, touring companies, film venues and creative organisations. We have strong links with the National Theatre of Scotland, Playwrights’ Studio Scotland, The Arches and the V&A museum. This allows us to offer our Masters students the opportunity for work placements.
- The city hosts annual theatre and performance festivals, and is only 50 minutes by train from the Edinburgh festivals.

‘Glasgow has a conversion programme, which is unique in the UK. Within a year we convert graduates from other disciplines into people ready to do a PhD in philosophy.’ Professor Fiona Macpherson, director of the University’s Centre for the Study of Perceptual Experience

Career prospects
Philosophy students at Glasgow receive rigorous training in problem solving, writing, presentation and research skills, which are widely applicable to a range of careers including journalism, teaching, the Civil Service, local government, business, publishing, law and the arts.

Research students are given personalised advice and opportunities in: research and publishing; presenting papers at conferences; teaching; and the format and content of curricula vitae.
Theology & Religious Studies

We incorporate academic and vocational teaching and research across Judaeo-Christian traditions (both religious and secularised), as well as Islam and other world faiths.

- Researchers today are building on Glasgow’s reputation for excellence in traditional fields such as systematic theology, ecclesiology, church history and biblical studies, while also leading the redefinition of the disciplines from inside and outside these fields.
- We run several series of seminars and events for postgraduates, including biblical studies seminar series; literature, theology and the arts seminar series; and theology and religious studies seminar series.
- Our main collective research topics are: religion and politics; the construction of religion as a modern category; religion and technology; futures and mysticism; religion and identity; scripts, scriptures, and textual analysis. We also have a research centre for Medical Humanities.
- We have strong interdisciplinary research links. Recent collaborations within the University have involved English and Scottish literature, law and philosophy.
- The University library has an outstanding collection of manuscripts and early printed books.

Postgraduate research programmes

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

Research interests

- Biblical studies
- Systematic theology – including interreligious theory and hermeneutics
- Literature, theology and the arts
- Gender, sexuality and the body
- Religion, culture and critical theory
- Bioethics
- Hinduism/Buddhism
- Islamic studies
- Practical theology
- Jewish studies
- Church history
- Mysticism.

Potential supervisors

You are welcome to contact individual staff members to discuss a potential research topic before applying: www.glasgow.ac.uk/thesitstudies/enquiries@glasgow.ac.uk.

Postgraduate taught programme

- Religion, Theology & Culture (MLitt/MTh)

For more information: www.glasgow.ac.uk/postgraduate/taught.

To understand other cultures it’s very important to look from different angles and put everything in context, both historical and theological. At Glasgow there’s opportunity for collaboration across a wide context of religious studies.

Dr. Saeko Yazaki, a Lord Kelvin Adam Smith research fellow in religious studies, is studying Muslim and Jewish relations in Islamic Spain.

Career prospects

Graduates will be in a good position to develop a career in education or further academic work. Some researchers work as theologians, others as cultural theorists, philosophers, sociologists or historians. You could also undertake some of our programmes in preparation for a career in church ministry.

The MLitt in Playwriting & Dramaturgy provides a unique combination of academic rigour and vocational application. The schedule of examined work leading to the MLitt degree is thorough, varied and taught by a high-calibre mix of academic staff and active industry professionals.

Philip Howard is joint artistic director of Dundee Rep Theatre.

Exploring our relationship with water

Theatre Studies at Glasgow embraces research through practice, supporting artists to use practice as a mode of academic enquiry.

Minty Donald, lecturer in theatre studies and artist, is interested in exploring our relationship with water through critical creative practice. ‘My research combines practical experimentation – public performances, actions and events – with writing and reflection on those activities,’ she explains.

Minty has been considering what urban rivers mean to people, both historically and in their everyday lives today, focusing on the River Clyde in Glasgow and the Bow and Elbow Rivers in Calgary, Alberta. She uses a range of media to create diverse performance pieces. ‘I usually describe my work as being context specific, not medium specific. I try to find the most appropriate medium for the situation I’m exploring.’

As an example, in a recent project Minty worked with Offshore Workboats Ltd, one of the last marine services companies operating on the Clyde. To lace together the banks of the river with a mile of thick mooring rope. The performance was intended to invite audiences to reflect on the role of the Clyde in Glasgow’s past, present and future.

Minty finds working through a combination of critical practice and written reflection very productive. ‘I find it really useful to move back and forth between hands-on experimentation and reflecting on that experimentation through writing,’ she says. ‘For me, that’s a really rich and stimulating way of developing ideas.’

www.glasgow.ac.uk/people/mintydonald
College of Medical, Veterinary & Life Sciences

Study under the supervision of internationally renowned experts. From the moment you arrive at Glasgow, our pioneering teaching methods and state-of-the-art facilities support you as you prepare for a wide variety of careers, ranging from clinical and veterinary medicine, to biological and environmental science, in the National Health Service, or the academic, commercial and public sectors.

www.glasgow.ac.uk/mvls

Research Institutes
- Institute of Biodiversity, Animal Health & Comparative Medicine
- Institute of Cancer Sciences
- Institute of Cardiovascular & Medical Sciences
- Institute of Health & Wellbeing (joint with the College of Social Sciences)
- Institute of Infection, Immunity & Inflammation
- Institute of Molecular, Cell & Systems Biology
- Institute of Neuroscience & Psychology (joint with the College of Science & Engineering)

Schools
- School of Life Sciences
- School of Medicine
- School of Veterinary Medicine

Contact
Tel: +44 (0)141 330 5800
Email: mvls-gradschool@glasgow.ac.uk
Biodiversity, Animal Health & Comparative Medicine

Our studies range from research into molecules and cells, to research into individuals, human populations and ecosystems.

- If you study with us, you will join a community of around 40 postgraduate taught and 60 postgraduate research students.
- With an established reputation for research strengths in ornithology and fish biology, we also study a diverse array of other organisms, including a range of pathogens, amphibians, reptiles and mammals.
- Our Institute has excellent resources: modern molecular ecology labs, dedicated computational facilities, and animal holding capacity. We have eight temperature-controlled aquarium rooms (seawater and freshwater) and 12 rooms for holding other vertebrates, as well as a series of laboratories equipped for molecular, biochemical and physiological analyses, backed up by skilled technical staff.
- The Scottish Centre for Ecology & the Natural Environment on Loch Lomondside has Home Office-designated aquarium rooms including observation stream tanks, together with analytical labs maintained by permanent staff. It provides easy access to a diverse range of habitats including Loch Lomond itself, nearby rivers, lakes and streams, coniferous and broadleaf woodland, agricultural pastures, moorland and mountain.

For entry requirements and how to apply, click here
For scholarships and fees, click here

Postgraduate research programmes
We welcome enquiries from both PhD and MSc by Research applicants.

Research interests
- Physiological ecology
- Life history strategies and development
- Behavioural ecology
- Marine and freshwater biology
- Community ecology and population dynamics
- Applied ecology
- Epidemiology and wildlife diseases
- Host-pathogen co-evolution
- Bioinformatics
- Conservation biology
- Molecular ecology and evolutionary genetics
- Theoretical ecology
- Evolutionary biology.

Find potential supervisors
You are welcome to contact individual staff members to discuss a potential research topic before applying. www.glasgow.ac.uk/bahom/staff or tel: +44 (0)141 330 4779.
email: eileen.mcgee@glasgow.ac.uk.

Postgraduate taught programmes
- Animal Welfare Science, Ethics & Law (MSc)
- Ecology & Environmental Biology (MRes)
- Quantitative Methods in Biodiversity Conservation & Epidemiology (MSc)

For more information: www.glasgow.ac.uk/postgraduate.

Career prospects
You will gain core skills and knowledge across a wide range of subjects that will enhance your career prospects. Whenever appropriate, we may assist you to gain research project placements in zoos or research laboratories. Career opportunities include roles in zoos, government agencies, organisations dealing with animal welfare and protection or wildlife crime, veterinary nursing and aquaculture.

Global elimination of rabies
Pioneering research carried out by Professor Sarah Cleaveland led to the World Health Organization (WHO) and the University of Glasgow securing a grant of close to £10m from the Gates Foundation to eliminate rabies in low-income countries.

According to the WHO, the disease is re-emerging as a serious public health issue. The most cost-effective strategy for preventing rabies in people is to eliminate rabies in dogs through animal vaccinations.

This is the first Gates Foundation grant to be awarded for rabies control and elimination, and it marks a paradigm shift by focusing on animal interventions to protect human health. A team of Glasgow scientists is helping to support the activities of this programme, which focus on large-scale domestic dog vaccination campaigns in Tanzania, Kwa Zulu Natal in South Africa and the Visayas archipelago of the Philippines.

An important aspect of the work of the group is the translation of research into national and international rabies policy, through collaboration and links with international health agencies. The global elimination of canine rabies is now widely recognised as a feasible objective.

Professor Cleaveland’s team have also received a grant of £635,000 from the Medical Research Council to provide additional support for epidemiological analysis of the data generated from the vaccination project. This research will be led by Glasgow Professor Dan Haydon. Using state-of-the-art mathematical modelling approaches, real-time feedback will be provided to the field teams to allow for iterative improvements in the design of canine vaccination strategies.

www.glasgow.ac.uk/people/sarahcleaveland
www.glasgow.ac.uk/people/danielhaydon
Postgraduate research programmes
We welcome enquiries from PhD and MRes applicants.

Research interests
• Structure-led drug discovery
• Studies of cell growth, mobility and survival that are underpinned by a leading-edge fluorescence imaging facility
• State-of-the-art proteomics/metabolomics and epigenetic/transcriptomics
• A strong human/mouse pathology programme
• The analysis of complex genetic animal models including the development of sophisticated preclinical trials.

Find potential supervisors
You are welcome to contact individual staff members to discuss a potential research topic before applying. www.glasgow.ac.uk/cancersciences/staff or tel. +44 0141 330 4811; email: nicol.keith@glasgow.ac.uk.

Career prospects
We regard the training and career development of students as essential in our mission to support cancer research of the highest standard. The institute has an excellent reputation and success record in training its graduate students who go on to research positions throughout the world.

'My research interests are in the pre-clinical and clinical development of novel anti-cancer therapies, especially in pancreatic cancer, inhibiting invasion and metastasis and in biomarker studies.’

Professor Jeff Evans is the director of the Institute of Cancer Sciences and leads the Glasgow Experimental Cancer Medicine Centre.

Professor of Experimental Haematology, Tessy Holyoake has long held a vision of bringing together world leaders in experimental haematology within a state-of-the-art research facility. In 2007 this vision became reality with the creation of the Paul O’Gorman Leukaemia Research Centre.

As the centre’s director, Professor Holyoake regards the proximity of clinical and laboratory disciplines in one single site as a key benefit. ‘The future success of leukaemia research depends entirely on our ability to integrate access to biobanks established from normal donors and patients with blood cancers within the research centre,’ she says.

Professor Holyoake’s world-leading research is on the cancer stem cell, working from the model of chronic myeloid leukaemia. She explains: ‘Cancer stem cells are now thought to exist in many different diseases and the work in haemopoiesis – the formation of blood cells – has led this field for many years. Chronic myeloid leukaemia is an excellent model with which to investigate the cancer stem cell. The disease arises by genetic mutation within a single stem cell and exists in both bone marrow and blood.'

Professor Holyoake’s group has refined methods to both identify and isolate the most primitive stem cell population in this disease and is uniquely placed to develop and optimise biochemical and molecular methods to investigate these cell samples.

www.glasgow.ac.uk/people/tessaholyoake
www.beatson.gla.ac.uk
The institute offers outstanding training opportunities and facilities focusing on cardiovascular disease.

Postgraduate research programmes
We welcome enquiries from MD, MRes, MSc by Research and PhD applicants.

Research interests
- Vascular science and medicine: We focus on elucidating mechanisms of vascular injury that underlie cardiovascular disease (CVD), including hypertension, pulmonary hypertension, atherosclerosis, inflammation, ischaemia-reperfusion injury and stroke. Using various approaches from genomics, proteomics and molecular and cellular biological analysis of vascular cell signalling, to assessment of vascular physiology, function and phenotyping in experimental models and patients, our goal is to advance knowledge, identify and validate new targets for therapy and translate this knowledge into the clinic. We are committed to developing innovative therapeutics and in particular are using unique gene- and cell-based strategies. Our vascular therapy programme focuses on specific genes, microRNAs and stem cells as part of regenerative medicine in the treatment of CVD.
- Diabetes, obesity and associated cardiovascular diseases: We are trying to define simple ways to identify those at risk of developing diabetes as well as women who are at risk of developing diabetes while pregnant. We also study obesity, pre-eclampsia, metabolic syndrome and hypertension. Using large clinical populations and novel biochemical techniques to measure compounds in patients’ blood (biomarkers), we hope to develop new simple tests to identify individuals at risk and to develop novel treatment and preventative strategies.
- Cardiac physiology: Our research spans basic cardiac biology and physiology with clinical cardiology. Several groups are interested in the electrical and mechanical properties of the heart after an MI. Advanced biophysical techniques are used to study cardiac physiology, including single and multicellular electrophysiology, intracellular Ca imaging, confocal microscopy, impedance catheter and MRI imaging.
- Genetics, genomics and systems medicine: We conduct studies into genetics and genomics of human cardiovascular disease. We also study gene expression at the early stages of diseases such as pre-eclampsia in order to unravel the molecular and genetic basis of human cardiovascular disorders.

Find potential supervisors
You are welcome to contact individual staff members to discuss a potential research topic before applying: www.glasgow.ac.uk/camcat/staff or tel: +44 (0)141 211 2513, email: dorothy.ronney@glasgow.ac.uk.

Postgraduate taught programmes
- Cardiovascular Sciences MSc (Med Sci)
- Clinical Pharmacology MSc (Med Sci)
- Diabetes MSc
- Sport and Exercise Science & Medicine MSc
- Stratified Medicine & Pharmacological Innovation MSc
- Translational Medicine MRes

For more information: www.glasgow.ac.uk/postgraduate.taught

Career prospects
Training through our institute will provide you with career opportunities in academia, clinical translational cardiovascular research, public health bodies or commercial industrial research in the field of cardiovascular medicine. You may be able to build a career in healthcare, the pharmaceutical industry, rehabilitation, clinical exercise, health promotion or sports science support.

For entry requirements and how to apply, click here.
For scholarships and fees, click here.

Heart of the matter
There is currently very little known about the cause of sudden cardiac death but Professor of Cardiovascular Cardiology Godfrey Smith is investigating the electrical origins of the condition in the hope that his research might translate into effective therapies.

‘My interest is in how the heart manages to beat automatically and continually, and how it coordinates its beats through the electrical signal process,’ says Professor Smith, who has been developing techniques to study the entire heart of an experimental animal.

He explains: ‘We use optical techniques including high-power lasers and special high-speed cameras to “see” the electrical activity in different areas of the heart. Part of what attracts people to the lab is that we have to build our own equipment to do our research. Our reputation for making measurements others haven’t been able to make is a real motivator.’

Each year, there are five PhD studentships focusing on cardiovascular research. Four of these are courtesy of a unique four-year British Heart Foundation (BHF) scholarship scheme for EU students; the University funds a fifth studentship. Glasgow is one of the few centres to offer the BHF scheme, which involves a one-year MRes followed by a research project of your choosing.

‘Glasgow has an international reputation in cardiovascular work and an environment of excellent translational and clinical contact,’ says Professor Smith. ‘We make sure that students’ experience here is good, and then we mentor them through to their next position.’

www.glasgow.ac.uk/people/godfreysmith

The MRes in Translational Medicine offered a window of opportunity to work with world experts in the field of heart disease and has been a great platform for initiating my academic career in science.’

Audrey Wright, MRes in Translational Medicine graduate
Dr Alister McNeish, PhD in Neuroscience & Biomedical Systems graduate

‘I decided to study at Glasgow as it is a world-class University on my doorstep with a strong track record in cardiovascular research. At Glasgow I learned how to work independently and focus on a research problem. I am currently a lecturer in Pharmacology at the University of Reading.’

The Institute of Health & Wellbeing works to improve population health and wellbeing and to reduce inequalities within these areas.

Postgraduate research programmes
We welcome enquiries from MSc by Research, MD and PhD applicants.

- Environmental influences on health and wellbeing
- Inequalities in health and wellbeing
- The development and evaluation of new technologies to improve health and wellbeing
- Perceptions, experiences and representations of health and wellbeing
- Trials and other evaluations of policies, interventions and treatments (both within and outside the healthcare sector) to improve health and wellbeing and reduce inequalities in these
- Managing health and illness (including self-care, and management in primary and secondary care settings)
- The linkage and analysis of health service and other public data sources to examine trends in and social determinants of health and wellbeing
- Lifecourse approaches to understanding the determinants of health and wellbeing

Find potential supervisors
You are welcome to contact individual staff members to discuss a potential research topic before applying. For more information: www.glasgow.ac.uk/healthwellbeing/staff

Dr Alister McNeish, PhD in Neuroscience & Biomedical Systems graduate

At Glasgow I learned how to work independently and focus on a research problem. I am currently a lecturer in Pharmacology at the University of Reading.’

The new Stratified Medicine Scotland Innovation Centre is set to open in 2014 and will host cutting-edge medical research to examine the genetic makeup of patients and their differing responses to drugs designed to treat specific chronic diseases.

The Stratified Medicine Scotland Innovation Centre is a once-in-a-lifetime opportunity to combine our strengths in life science industry, NHS health delivery and academic medicine to produce world-leading innovations for treatment of chronic diseases,’ says Professor Anna Dominiczak, Vice-Principal, Head of College and Regius Professor of Medicine.

Researchers will benefit from access to sequenced human genomes combined with clinical data, enabling world-leading developments in stratified medicine.’

The collaborative centre will bring four Scottish universities together with industry, multinational businesses, other higher education institutions and NHS Scotland. The centre will also offer unique opportunities for postgraduate study in the exciting new science of Stratified Medicine, designed to meet the future employment needs of industry, and offering students the opportunity to gain practical experience in an industrial context.

www.glasgow.ac.uk/people/annadominiczak
Understanding bipolar disorder

It was as a trainee psychiatrist that Dr Daniel Smith, Reader in Psychiatry, was first drawn to bipolar disorder. This was partly due to its complexity but also because of its unique position as a mental illness associated with certain positive aspects, such as creativity.

Through his current research, Dr Smith hopes to find ways to improve the early recognition and early treatment of bipolar disorder, which will in turn improve long-term outcomes. ‘We know that if you give people the right treatment sooner rather than later they can, over time, develop strategies that ultimately prevent relapse, keep them out of hospital and help them to live more meaningful lives,’ Dr Smith explains. ‘Research suggests that bipolar disorder probably isn’t as rare as most people imagine, and there’s a big problem in not detecting it early enough.

‘In terms of treatment, we’ve been very interested in developing psychoeducational approaches to help people self-manage their condition more effectively. For example, individuals can help to prevent a relapse by making sure they are sleeping properly, exercising, eating well and managing stress.

In collaboration with colleagues from across the Institute of Health & Wellbeing, Dr Smith is also investigating why people with major mental illnesses such as bipolar disorder and schizophrenia are at high risk of premature mortality from conditions such as obesity, diabetes and heart disease. He hopes to develop and test a range of novel treatment approaches aimed at eradicating this health inequality.

www.glasgow.ac.uk/people/danielsmith

The importance of routine clinical data

Researchers at Glasgow are developing new ways to analyse clinical data while protecting patient confidentiality.

‘In all walks of life reams of data are collected on people,’ says Dr Colin McCowan, Reader in Health & Informatics at the Robertson Centre for Biostatistics. ‘The challenge is how to make it accessible for researchers while at the same time protecting individuals.’

Dr McCowan’s research is focused on the analysis of routine clinical data, which is information collected from people being treated by the NHS. ‘Every time you attend your doctor or pick up a prescription it’s recorded on a computer,’ explains Dr McCowan. ‘I look at the information collected on a group of patients, whose identities are stripped out to protect their privacy, and use that information to answer specific clinical questions.

Dr McCowan is studying aspects of cancer care, and similar approaches can be applied to areas as diverse as prescribing to the elderly and the treatment of patients with substance abuse.

Collaboration is an essential part of the work, as Dr McCowan explains: ‘Everything I do involves working with clinicians or people responsible for care. I work with teams of people who actually understand clinical situations and what the patients are going through.’

www.glasgow.ac.uk/people/colinmccowan
www.glasgow.ac.uk/rcb
Inflammation

The institute comprises scientists and clinicians working to combat infectious, autoimmune and inflammatory diseases.

• If you study with us, you will join a community of 26 postgraduate taught and 150 postgraduate research students.
• You will be taught by scientists and clinical investigators who possess the broad expertise necessary to assist you in achieving your goals. Our academics include geneticists, molecular and cell biologists, biochemists, immunologists, bacteriologists, virologists, parasitologists, pathologists and clinical investigators.
• Our expertise is supported by basic science technology, integrated seamlessly with translational clinical trial facilities. We also have numerous research links with disease-endemic countries, in particular in Africa.
• Research facilities include core facilities in fluorescence activated cell sorting analysis, histology and state-of-the-art imaging.
• We also offer the WS imaging system, high content screening microscopy, mass spectrometry, an X-ray capable PX-Pro bioluminescence imaging system and a protein purification service.
• A number of funding opportunities are available, see: www.glasgow.ac.uk/pgscholarships.

Postgraduate research programmes
We welcome enquiries from MRes and PhD applicants.

Research interests
• Immunology and inflammation: Incorporates cytokine and chemokine biology, immune cell signaling, advanced imaging technologies, and cellular and gut immunology. Our translational efforts are focused on rheumatoid arthritis, dermatology, respiratory and central nervous system immune and inflammatory diseases.
• Microbiology: Our interests lie in the interaction between bacterial pathogens and their hosts at the mucosal interface. We study key virulence determinants of bacterial pathogens and the host factors that influence outcome of disease, particularly within the immune system. Using both animal models and human systems, we aim to develop better drugs and vaccines for the treatment and prevention of infection.
• Parasitology: We address a diverse set of features that are core to parasite persistence, diversification and diseases, including metabolism, gene expression, drug resistance, immune evasion, invasiveness, differentiation, parasite biology and pathogenesis.

• For entry requirements and how to apply, click here.
• For scholarships and fees, click here.

• Virology: Research is carried out in the Medical Research Council-University of Glasgow Centre for Virus Research (CVR). The expertise of the principal investigators of the CVR covers various aspects of virus research, ranging from molecular virology to in vivo pathogenesis, virus-cell interaction, viral immunology, viral ecology, clinical virology, virus epidemiology, mathematical modelling and bioinformatics.

Find potential supervisors
You are welcome to contact individual staff members to discuss a potential research topic before applying: www.glasgow.ac.uk/ill/staff or tel: +44 (0)141 330 7384, email: Margaret.Agnew@glasgow.ac.uk.

Postgraduate taught programme
• Infection and Immuno-logic (MRes)
For more information: www.glasgow.ac.uk/postgraduate/taught.

Career prospects
Our excellent facilities and training will equip you with skills complementary to a range of career options, and you can tailor your study pathway to the precise aspects of infection and immunology that suit your objectives.

Through their research interests in drug development, vaccines and diagnostics, many of our project supervisors have strong links with industry.

Leading the way in virology research
The creation of the Medical Research Council-University of Glasgow Centre for Virus Research (CVR) has placed Glasgow at the cutting edge of international virology research. The CVR represents the UK’s largest grouping of human and veterinary virologists.

Research at the CVR covers a wide breadth of expertise ranging from molecular virology to in vivo pathogenesis, virus-cell interactions, viral immunology, viral ecology, viral oncology, clinical and veterinary virology, viral diagnostics, virus epidemiology, mathematical modelling and bioinformatics. Researchers apply this expertise to tackle questions about viruses at all levels, from the fine details of virus structure, to the emergence and spread of new viruses in both human and animal populations.

The centre is headed by world-leading veterinary virologist Professor Massimo Palmarini. “My laboratory studies the biology and pathogenesis of animal viruses,” he explains. “Currently we are focusing on bluetongue, one of the major infectious diseases of livestock, and Schmallenberg virus, a new animal virus identified in 2011. Bluetongue disease is caused by bluetongue virus (BTV), which is transmitted by biting midges. It seems likely that this is also the route of transmission of Schmallenberg virus. The recent BTV outbreak in central and northern Europe resulted in the death of more than 2,000,000 animals and caused extensive damage to the European economy.”

Professor Palmarini aims to better understand why these viruses can be deadly and discover the main factors that control the outcome of virus infection.

www.glasgow.ac.uk/people/massimopalmarini
www.glasgow.ac.uk/cvr
Understanding parasites

At Glasgow’s Wellcome Trust Centre for Molecular Parasitology, scientists collaborate to investigate malaria parasites, toxoplasma, human and livestock-infective trypanosomes, and the kishinias that can afflict humans.

“We look at the intrinsic molecular and cell biology of the parasite itself and increasingly, we look at the relationship between the parasite and its host and the parasite and its vector in an attempt to understand the complexities of those interactions,” explains Professor Andy Waters, Wellcome Trust principal research fellow and the centre’s director. “We hope that our findings might be exploited to develop drugs, vaccines or other methods of preventing parasite success.”

The centre brings together seven principal investigators and a community of researchers. It is one of only eight UK centres of excellence funded by the Wellcome Trust and the only one focused on parasitology.

“We have collaborations both within and outside of the centre, and partnerships that extend into Africa, where we have ongoing relationships and actively funded grants from the Wellcome Trust and other agencies,” says Professor Waters.

Current projects include linking African laboratories with Glasgow in order to compare different populations of trypanosome parasites from different regions.

www.glasgow.ac.uk/people/andywaters
www.glasgow.ac.uk/wtcmp

‘I knew I wanted to study parasitology and I wanted to have an experience abroad. I finally spotted the Wellcome Trust Centre for Molecular Parasitology and the work performed in Dr Richard McCulloch’s lab on the sleeping sickness parasite, Trypanosoma brucei. I really like Glasgow and feel very comfortable here.’

Catatina Marques is studying for a PhD at the Wellcome Trust Centre for Molecular Parasitology.

Molecular, Cell & Systems Biology

The institute has expertise covering a wide range of contemporary integrative biology, from molecules to organisms.

- If you study with us, you will join a community of 35 postgraduate taught and 80 postgraduate research students.
- Glasgow is at the forefront of research in molecular systems and synthetic biology in the UK. Our multidisciplinary research varies from protein trafficking to plant circadian rhythms and from the structure of membrane proteins to cell engineering.
- Our Protein Characterisation Facility supports the work of researchers in the characterisation of protein structure, function, stability and interactions with other macromolecules in solution. Facilities include circular dichroism, fluorescence and absorbance spectroscopy under steady state and stopped flow conditions. A BIACORE 2000 biosensor is available for use in the study of macromolecular interactions in real time. We also have a fully equipped x-ray diffraction suite with crystalisation robots.
- We are supported by a world-class technology base including next-generation sequencing, microarrays, proteomics and metabolomics through the Sir Henry Wellcome Functional Genomics Facility and the Scottish National Centre for Metabolomics.
- You are welcome to contact individual staff members to discuss a potential research topic before applying: www.glasgow.ac.uk/biology/staff or tel: +44 (0)141 330 8472, email: linda.atkinson@glasgow.ac.uk.

Career prospects

Our degree programmes can prepare you for a career in academia, science management, commerce, and in the pharmaceutical and biotechnology industries. We run an industrial symposium, where representatives from the European biotechnology and pharmaceutical industry can discuss their companies and answer your questions on working in the industrial sector.

Postgraduate research programmes

We welcome enquiries from MSc by Research, MPhil and PhD applicants. You may also be interested in the University of Glasgow Wellcome Trust four-year PhD Programme, which is an interdisciplinary degree that addresses fundamental problems in biomedical science using contemporary methods. We also offer a four-year BBESRC-funded Doctoral Training Partnership.

Research interests

- Cell signalling
- Cell engineering
- Plant science
- Molecular and cell biology
- Systems and synthetic biology
- Genetics, transgenics and functional genomics
- Protein characterisation

Find potential supervisors

You are welcome to contact individual staff members to discuss a potential research topic before applying: www.glasgow.ac.uk/biology/staff or tel: +44 (0)141 330 8472, email: linda.atkinson@glasgow.ac.uk.

Postgraduate taught programmes

- Biomedical Sciences (MRes) joint with School of Life Sciences
- Biotechnology (MSc)
- Crop Biotechnology (MSc)
- Plant Science (MRes)

For more information: www.glasgow.ac.uk/postgraduate/taught.

• For entry requirements and how to apply, click here  
• For scholarships and fees, click here  

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postgraduate/taught.
Contact
Tel:  +44 (0)141 330 XXXX
Email:  xxxxxxxxxxxxxxxxxxxx@glasgow.ac.uk
Understanding how plants respond to UV-B

Unlike humans, plants remain unharmed by their constant exposure to UV-B, using the light instead as a regulatory signal to aid survival. Exploring the biology behind this, Professors Gareth Jenkins and John Christie published a joint paper on UV-B photoreceptors in Science in April 2012.

Professor Jenkins is an expert in plant cell and molecular biology. The aim of the research is to understand how environmental stimuli, in particular light, regulate plant gene expression and development,” he explains. “Our focus is the structure of the UV-B photoreceptor, a doughnut-shaped protein called UVR8. It’s the UVR8 protein that senses UV-B and initiates various processes in the plant that help to protect against UV-B as well as promote various other regulatory responses.

Professor Christie is an expert in photobiology. “My focus is in understanding how the UV-B photoreceptors work at a molecular level: how it is that a photochemical reaction is converted into a biochemical reaction,” he says. “If we can understand how these ‘molecular light switches’ work, we can apply that knowledge to make molecular tools.”

For both academics, work is fundamentally driven by scientific curiosity, but the team is well aware of the potential applications of the UVR8 research. “One of the changes that UV-B initiates in the plant is the accumulation of secondary products like flavonoids,” says Professor Jenkins. “In addition, secondary metabolite changes in the plant impact on its palatability to insects. One of our projects looked at how we can use this knowledge to produce crops that are insect-tolerant.”

Learning from the common fruit fly

Drosophila melanogaster, otherwise known as the common fruit fly, currently serves two chief purposes for Professor of Molecular & Integrative Physiology Julian Dow. Firstly, the fly, seemingly unperturbed by the presence of kidney stones in its renal tubule, presents a simple model for examining what is an excruciatingly painful condition in humans. Secondly, it allows the study of the insects’ coregulation (how the organisms keep their fluids from becoming too diluted or too concentrated). Unpacking this process could be the key to creating a new breed of insecticides.

“The fruit fly’s version of a kidney is only a millimetre in length but is straightforward to study as it’s transparent and easily accessible,’” says Professor Dow. “We can manipulate the tubule genetically, which lets us model certain human diseases much more easily, cheaply and, I think, with better ethical consequences than in a mammal.”

The occurrence of kidney stones continues to rise. If you have kidney stones once, there’s a 50% likelihood of developing them again. Identifying a suitable animal model is a significant step towards being able to screen treatments that might prevent new kidney stones from forming.

One of the University’s strengths is the new technologies available to the research team. The latest technique, metabolomics, gives a snapshot of all the small molecules produced by cells at any one time, and can help to shed light on the metabolic imbalance that causes stones.

www.glasgow.ac.uk/people/juliandow

‘Being an international student, it was a difficult task to get adjusted to a completely new environment, but the friendly and cooperative environment at Glasgow made it so easy. My supervisor supported me all the way and training courses run by the graduate school not only provided me with an opportunity to build my personal skills, but will also help me in establishing my career.’

Asif Qureshi is a PhD student studying under the supervision of Dr Joanna Wilson at the Institute of Molecular, Cell & Systems Biology.

www.glasgow.ac.uk/people/garethjenkins
www.glasgow.ac.uk/people/johnchristie

www.glasgow.ac.uk/people/juliandow
Neuroscience & Psychology

The institute works to understand the nervous system at multiple levels, from cells to cognition, integrating cutting-edge research from the molecular level to human behaviour.

- If you study with us, you will join a community of 18 postgraduate taught and 46 research students.

- We link molecular discoveries to cells, to animal and human models, and translate these to the clinic. To achieve this, we have integrated our research within four centres of excellence:

  - The Centre for Cognitive Neuroimaging (CCNi) is equipped with brain imaging facilities including a 3T MRI scanner, a MEG system, several TMS and EEG systems - some of the latter MRF and TMS comparable.
  - The Centre for Stroke & Brain Imaging runs a comprehensive translational research programme with particular emphasis on acute stroke imaging, improvements in acute stroke care and long-term rehabilitation strategies.
  - Our Neuroscience laboratories are furnished with equipment including confocal and electron microscopy, electrophysiology, behavioural testing, molecular and tissue analyses.
  - Our Social Interactions Centre has a wide range of research labs which comprise EEG labs, audition and speech labs, point-light display motion capture labs, 3-D vision capture labs and eye trackers.

Postgraduate research programmes
We welcome enquiries from MRes, MSc by Research, MD and PhD applicants.

Research interests
- Cognitive neuroimaging (fMRI, EEG, MEG and TMS)
- Spinal mechanisms and chronic pain
- Stroke--animal models, clinical studies, neuroimaging and reparative therapies
- Models of cortical information processing of cognitive functions
- Brain-computer interactions
- Social interactions
- Diseases such as schizophrenia and Rett syndrome
- Sensory and motor networks
- Spinal cord injury and plasticity
- Neural control of breathing
- Hippocampal networks and plasticity.

Find potential supervisors
You are welcome to contact individual staff members to discuss a potential research topic before applying: www.glasgow.ac.uk/researchinstitutes/neurosciencepsychology/staff or tel: +44 (0) 141 330 6173, email: INP-pginfo@psy.gla.ac.uk.

Postgraduate taught programme
• Brain Sciences: From Molecules to Mind (MRes)

For more information: www.glasgow.ac.uk/postgraduate/taught.

‘I had a fantastic supervisor who was really the best mentor that I could find in the world. The fundamentals of the PhD programme at Glasgow were very strong, so this was a plus for me upon gaining my degree.’

Professor Shahin Akhondzadeh studied upon gaining my degree.

For entry requirements and how to apply, click here.

For scholarships and fees, click here.

Career prospects
Training in our institute will equip you with specific research and transferable skills to enable you to build a career in academia, industry or the public sector. You could pursue a research career in brain imaging technology, applied psychology or translational neuroscience and psychology. Career opportunities are also available in the pharmaceutical and biotech industries as well as healthcare and science media.
The School of Life Sciences has an international reputation for high-quality supervision, breadth of opportunity and innovation.

- The school takes a collaborative, cross-disciplinary approach to addressing the scientific challenges of this post-genomic and informatics age.
- In many cases, postgraduate research and training operates as a partnership between staff in the school, the college’s research institutes and beyond, providing access to specialised equipment and facilities.
- Postgraduate research in anatomy is largely centred upon the outstanding staff and resources available within the school, such as the Clinical Anatomy Skills Centre.
- Investment has also been made recently in sports and exercise science; graduates in this area occupy influential positions in centres of sporting excellence in the UK and beyond.
- We have strong associations with many research centres and networks in the University including the Boyd Orr Centre for Population & Ecosystem Health and the Scottish Infection Research Network.

Postgraduate taught programmes
- Biostatistics
- Biomedical Sciences (MRes)
- Exercise Science (MRes)
- Medical Visualisation & Human Anatomy (MRes)

For more information: www.glasgow.ac.uk/postgraduate/taught.

Understanding viral-induced cancer
The taught Masters programmes in the School of Life Sciences provide the skills and experience needed to lead into an academic research career. Eirini-Maria Lampriaki is a student on the MRes in Biomedical Sciences. 'We have taught lectures and we also get to undertake two research projects, which means working and gaining experience in the lab,' she explains.

The field of cancer research at the University has an international reputation and is expanding rapidly. Eirini-Maria’s lab projects involve the use of transgenic models of virally-induced cancer to identify the mechanisms of early carcinogenesis for future therapeutic approaches. 'I have already lined up a PhD with the University’s Institute of Cancer Sciences,' she says. 'And then after that I would like to continue working in the area of cancer research in an academic or industrial environment.'

The School of Medicine is renowned for pioneering research and superb facilities for postgraduate students in medicine, dentistry and nursing.

- We have one of the largest medical schools in Europe with over 170 research students carrying out research projects in both University and hospital locations.
- The school offers a wide range of research subject areas including: anaesthesia, cardiology, child health, clinical physics, dentistry, forensic medicine, gynaecology/obstetrics, haematology, human nutrition, medical education, medical genetics, medical sociology, nursing and midwifery, psychology and surgery.

Postgraduate taught programmes
- Advanced Practice in Health Care (MSc (Med Sci))
- Child Health (PgDip/PgCert)
- Clinical Nutrition (MSc (Med Sci))
- Clinical Science with Specialisation (MSc)
- Fixed & Removable Prosthodontics (MSc (Dent Sci))
- Forensic Toxicology (MSc (Med Sci))
- Health Professions Education (DHPE/MSc (Med Sci))
- Healthcare Chaplaincy (PgCert)
- Human Nutrition (MSc (Med Sci))
- Medical Genetics (MSc (Med Sci))
- Medical Physics (MSc)
- Oral & Maxillofacial Surgery (MSc (Dent Sci))
- Orthodontics (DOrthomDent)
- Sports Nutrition (PgCert)
- Translational Medical Sciences (MSc)

For more information: www.glasgow.ac.uk/postgraduate/taught.

Students’ choice
Professor Edward Tobias, clinical director of the MSc in Medical Genetics, recently received the Best College Teacher Award. ‘I try to teach not only the underlying molecular causes of conditions but also how these diseases actually affect the lives of my patients and their families,’ he explains.

To keep his teaching fresh and engaging, Professor Tobias uses all the latest material and technologies, including his published e-book and international textbook about the essentials of medical genetics. His accompanying web-based guide to worldwide databases, quizzes and even electronic voting during his lectures. ‘Medical Genetics is a fascinating and exciting subject but it can seem quite complex, I try to make it as easy as possible and even fun,’ he says. ‘To have won the Best College Teacher Award was really a tremendous honour, particularly as the award was conferred by the students themselves. I don’t think you can ask for much more than that.’

www.glasgow.ac.uk/people/edwardtobias
Inspired by experience
Rasha Sabouny is studying for an MSc in Medical Genetics, and her experience at Glasgow is inspiring her to pursue a career in medicine and research.

‘My research project is about Mullerian duct abnormalities,’ she explains. ‘I am investigating the presence of mutations in a particular gene that might be implicated in female reproductive tract anomalies.’

Rasha’s work involves studying NHS patient samples to look for any genetic aberrations. ‘I was always really interested in medical genetics, and I wanted to come to Glasgow to study on this particular programme,’ she says. ‘It’s also a very international community here, so I knew that it was the place for me.’

Rasha has found the supervision at Glasgow to be encouraging. ‘I’ve gained so much hands-on experience in the lab,’ she says. ‘I’ve been given such thorough feedback, and my supervisors have been so kind. I can’t imagine having done so well in my studies without their support.’

Rasha hopes to return to Glasgow for her medical degree next year. ‘It’s just been such a good experience,’ she says. ‘Everyone here is always willing to help you, and my supervisors are such an inspiration. It just feels like the right place to be.’

Research activity in the School of Veterinary Medicine builds on over 50 years’ experience in comparative medicine and clinical science.

- With significant links to the college’s research institutes, hospital-based and clinician-led research form the scientific underpinning of evidence-based medicine in the school’s international-quality, clinical facilities.
- Our school maintains a multidisciplinary research culture that is responsive to advances in technology and changing priorities in the international arena.
- Supplemented by a commitment to translational medicine and with dedicated support for clinical trials, including dedicated agricultural food animal premises, the school contributes to the bench-to-bedside ethos that embodies the college’s desire for research that impacts positively on the health of all species.
- Strong links to other schools, in both the developed and developing world, ensure that the equine, small animal and food chain clinical research at Glasgow contribute to disease challenges and societal issues at home and across the globe.
- Graduates wishing to study for a postgraduate degree by research may enrol for either three-year or four-year programmes.

Postgraduate taught programme
Veterinary Public Health (MVPH)
For more information: www.glasgow.ac.uk/postgraduate/taught.

Skills for the future
Cíntia Silva graduated from the Masters in Veterinary Public Health in 2010, and has gone on to study for a PhD at the Federal University of Rio de Janeiro in Brazil.

At Glasgow, Cíntia studied animal health and food safety and worked as a registrar in the School of Veterinary Medicine, providing lectures on Veterinary Public Health to fourth- and final-year undergraduate students. ‘I enjoyed very much my studies at the school because we had a varied group of colleagues from different backgrounds and nationalities, and that allowed for a wide approach to the various topics discussed during the course,’ she says.

‘I think the scientific knowledge and experience of teamwork that I gained at Glasgow provided me with the skills I needed to progress during my PhD, and I think that will be recognised by my future employers as well.’
We encourage excellence in our staff and students, who work to understand the world we live in, undertake research of global impact and create new technologies for the 21st century. We have over 30 years' experience in nanosciences and a world-leading nanofabrication centre. Our research makes a positive difference to society and informs future academic endeavour and innovation.

www.glasgow.ac.uk/scienceengineering
The school is expert at designing new catalysts for the chemical and pharmaceutical industry while using advanced molecular technologies to create self-fabricating materials.

**Postgraduate research opportunities**
We offer a range of PhD studentships beginning in October each year.

**Research interests**
- Catalysis and synthesis
- Chemical biology
- Molecular medicine
- Synthetic biology
- Complex chemical systems
- Dynamics and structure (physical chemistry)
- Nanoscience and materials chemistry.

**Potential supervisors**
You are welcome to contact individual staff members to discuss a potential research topic before applying: www.glasgow.ac.uk/chemistry/staff-academic or tel: +44 (0)141 330 5500, email: pg-enquiries@chem.glasgow.ac.uk.

Applications for the WestCHEM Graduate School should be made via the College Graduate School at www.glasgow.ac.uk/scienceengineering/graduateschool.

## Career prospects
The school’s research produces fundamental new scientific insights while contributing directly to the UK economy and producing excellent chemical scientists who find employment in industry and academia.

You could find career opportunities in the chemical or pharmaceutical industry, or opportunities for research in a variety of sectors.

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### At Glasgow I have found world-leading researchers, very kind staff, an amazing campus and a lovely city, a great combination which would have been hard to find anywhere else.

Carlos Baeza, PhD Chemistry student

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### Solving our energy crisis
An interdisciplinary team of biologists, chemists and engineers at the University is researching ways of manufacturing clean energy directly from the sun to provide an alternative to fossil fuels.

Regius Professor of Chemistry Lee Cronin explains: ‘We are trying to replicate photosynthesis, so we can stop burning fossil fuels. What this means is we could use sunlight to generate carbon-neutral “solar fuels”, you wouldn’t need to mine oil, coal or gas, and we could create fuel on a timescale that’s billions of times faster than the current process.’

The research into solar fuels hinges around how to quickly and efficiently oxidise water. Although the by-product is oxygen, this process produces the electrons that can be used, in conjunction with a carbon source like carbon dioxide, to produce a liquid fuel not dissimilar to the fuels we use today. This is a very ambitious goal, however, so one intermediate goal may be to split water into oxygen and hydrogen. Once done, oxygen and hydrogen can be stored in separate tanks, which act like batteries, before they are recombined in a reaction that releases energy and water as the only by-products.

Developing the theory is one thing, but even trickier is the task of translating science into solution: This requires the skills and resources of experts from a range of specialist backgrounds working collaboratively – this is what sets Glasgow apart from the rest.

‘I think what makes Glasgow unique is that we have three or four groups, which I’m coordinating through the Glasgow Solar Fuels project. We combine the work, not only of biologists and chemists, but also engineers, so we have the ability to take projects from conception to the finished device.’

Carlos Baeza, PhD Chemistry student

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### Regius Professor of Chemistry Lee Cronin

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### For entry requirements and how to apply, click here

### For scholarships and fees, click here

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### www.glasgow.ac.uk/chemistry/staff-academic

### Tel: +44 (0)141 330 5500, email: pg-enquiries@chem.glasgow.ac.uk
Creating molecules of the future

Professor Robert Liskamp’s research involves synthesising molecules that can be used in the preparation of synthetic vaccines against HIV, influenza or malaria. In the future he hopes to mimic antibodies to create smaller synthetic alternatives.

It was January 2013 when Professor Liskamp arrived in Glasgow from the Netherlands to take up the Chair of Chemical Biology and Medicinal Chemistry. ‘I came to Glasgow for the research environment,’ says Professor Liskamp. ‘There is a vibrant atmosphere, and an exchange of exciting ideas. People here are very easy to approach and that leads to a lot of potential collaborations.’

There are exciting times ahead for Professor Liskamp. His new labs are currently under construction, and will present an excellent opportunity for local and international students to join a thriving, cosmopolitan group. ‘I think Glasgow is very international,’ says Professor Liskamp. ‘It’s not only the culture but also the University itself. We have strong connections with all kinds of institutes in the world.’

The new labs and Professor Liskamp’s arrival in Glasgow have sparked a new wave of interest from the international research community. ‘There’s a lot going on here,’ he says. ‘If people want to know more, they are very welcome to come and visit.’

www.glasgow.ac.uk/people/robertliskamp

The School of Computing Science offers a high-quality learning environment in which world-class research informs course content and delivery.

Postgraduate research opportunities
We offer two research degree programmes, the PhD and the MSc by Research.

Research interests
• Computer vision and graphics
• Embedded, networked and distributed systems
• Formal analysis, theory and algorithms
• Human computer interaction
• Information retrieval
• Software engineering and information security
• Inference, dynamics and interaction

The vibrant research culture of the school strongly encourages cross-disciplinary collaboration, with each research group running its own seminar series as well as contributing to a weekly research forum.

Potential supervisors
You are welcome to contact individual staff members to discuss a potential research topic before applying. www.glasgow.ac.uk/computing/staff or tel: +44 (0)141 330 5322, email: Helen@dsi.gla.ac.uk.

Career prospects
Our graduates are highly employable and can look forward to rewarding careers designing and building the digital technologies that underpin the global economy and every aspect of human activity. Graduates can work in everything from healthcare and music to making the natural environment sustainable.

www.glasgow.ac.uk/postgraduate/research

Computing Science

‘It’s a well-rounded Chemistry PhD programme which challenges you intellectually, nurtures high-quality independent research and fosters professional development. We have a strong research presence both nationally and internationally.’

Tina Yu-ting Su, PhD Chemistry student

Postgraduate taught programmes
• Computing Science (MSc)
• Data Science (MSc)
• Information Security (MSc)
• Information Technology (MSc)
• Software Development (MSc)
• Software Engineering (MSc)

A limited number of International Academic Excellence scholarships are offered to suitably qualified applicants. The Scottish Funding Council also funds places for Scottish and EU applicants.

For more information: www.glasgow.ac.uk/postgraduate/taught.

‘My time at Glasgow gave me self-confidence and the ability to be a good researcher as well as allowing me to publish my ideas around the world.’

Dr Saad Bani Mohammad completed his PhD in Computing Science at Glasgow. He is now head of the Computer Science department at Al al-Bayt University in Jordan.

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Researching computational modelling of systems
Muffy Calder, Professor of Formal Methods, has recently been appointed the Chief Scientific Adviser for Scotland.

Professor Calder arrived in Glasgow 25 years ago to join the rapidly expanding, first-ever department of computer science in Scotland. During her career she has been head of department, head of research, and head of teaching, and she will now use her experience to inform Scottish Government policy. "I want to make sure the Government is getting the best evidence, the best analysis, the best advice, and funding science in the right way," says Professor Calder.

Her research is based on computational modelling of systems that are already in existence, from software systems to biochemical systems. It’s a highly interdisciplinary field and involves collaborating with engineers, mathematicians, biochemists, medics and electrical engineers. "I’m using pure mathematics in an applied way to tackle real-world problems," explains Professor Calder.

Professor Calder is currently working on a project which involves the telecoms industry and companies that make navigational services. Her aim is to understand and predict what would happen if a fault were to occur in their systems and suggest how best to address that problem. "I’m always interested in complex communicating systems where you have lots of agents communicating with each other, whether they are computers or telephones or molecules," says Professor Calder.

‘Our staff are top researchers and they also care passionately about the students. That’s why it’s such a nice place to work,’ says Professor Calder.

www.glasgow.ac.uk/people/muffycaleider

Bright future for big data
Peter Triantafillou recently arrived in Glasgow from Greece to take up his position as Professor of Data Systems Engineering. His work focuses on the management of big data, which includes storing huge collections of data and finding new ways to help people access information and draw useful intelligence from it.

‘Data is fundamental, and that’s becoming more and more evident,’ says Professor Triantafillou. "People are looking to get new value out of data to give them a competitive edge, be that as a country or as an individual company. It is an area that can potentially have a very high impact both in terms of making businesses more efficient and in helping governments improve society for their citizens."

The UK Minister for Universities and Science has identified big data as the number one technology to focus on, and prospective students entering the field will join one of the most important international research efforts today. ‘The future is definitely bright, with funding opportunities coming from governmental agencies, individual companies and big enterprises,’ says Professor Triantafillou.

Understanding and managing big data is essential to many different fields, from biology and nanomaterials to environmental monitoring. Professor Triantafillou is also looking to establish collaborations with particle physics, human computing, economics and psychology. ‘It’s a huge interdisciplinary area, which is why I’m so excited about it.’

www.glasgow.ac.uk/people/petertriantafillou

The University was recently awarded £10 million to create a new Innovation Centre in Sensing & Imaging Systems. This flagship project will combine academic innovation capabilities with local industry. There are around 130 companies in Scotland working with sensors and imaging, and the new centre could increase that number, to the benefit of Scotland’s economy.
Engineering

As the oldest School of Engineering in the UK, we have been delivering world-class engineering education and research for more than 150 years.

- A research income of £12 million each year provides unique facilities that support over 200 staff and research students.
- You will join an interdisciplinary School of Engineering and benefit from the expertise of world-leading researchers who are addressing major challenges facing society in areas including the environment, digital economy, ICT, energy, healthcare, manufacturing, transport and security.
- You will have access to the James Watt Nanofabrication Centre (JWNC) and the Kelvin Nanocharacterisation Centre. The JWNC holds a number of world records in nanofabrication including for the performance of nanoscale electronic and optoelectronic devices.
- Over 250 international companies have worked with the JWNC in the last five years. Over 90 different universities from around the globe collaborate with us in nanoscience and nanotechnology.
- Our outstanding facilities include an environmental lab, advanced medical diagnostics lab, wind tunnels, a flight-testing lab, structural testing apparatus and high-performance computing facilities for modelling and simulation.

Postgraduate research opportunities

The School offers a vibrant PhD programme and a wide variety of research topics.

Research interests
- Electronics and nanoscale engineering: Nanofabrication; microsystems technology; advanced electronic devices and materials; optoelectronics; device modelling; VLSI, microwave integrated circuit design.
- Systems, power and energy: Energy; ultrasonics; materials and manufacturing; space systems.
- Biomedical engineering: Cell and tissue engineering; microfluidics and lab-on-a-chip; rehabilitation and assistive engineering; rehabilitation technology; systems biology.
- Infrastructure and environment: Environmental biotechnology; water engineering; mechanics of materials; computational mechanics; geotechnics.
- Aerospace sciences: Space flight and dynamics; aerodynamics; experimental wind-tunnel facilities; shock physics; computational fluid dynamics; wind and turbulence around large structures.

For entry requirements and how to apply, click here
For scholarships and fees, click here

Potential supervisors
You are welcome to contact individual staff members to discuss a potential research topic before applying: www.glasgow.ac.uk/engineering/staff or tel: +44 (0)141 330 7478, email: eng-grads@live.gla.ac.uk.

Postgraduate taught programmes
- Aeronautical Engineering (MSc)
- Aerospace Engineering & Management (MSc)
- Aerospace Systems (MSc)
- Civil Engineering & Management (MSc)
- Computer Systems Engineering (MSc)
- Electronics & Electrical Engineering (MSc)
- Electronics & Electrical Engineering & Management (MSc)
- Electronics Design (MSc)
- Embedded Electronic Systems (MSc)
- Mechanical Engineering (MSc)
- Mechanical Engineering & Management (MSc)
- Mechatronics (MSc)
- Nanoscience and Nanotechnology (MSc)
- Product Design Engineering (MSc)
- Structural Engineering & Mechanics (MSc)
- Sustainable Energy (MSc)
- Telecommunication Electronics (MSc)

For more information: www.glasgow.ac.uk/postgraduate/taught.

Award-winning science communications

Jamie Gallagher, a Glasgow PhD student based between the School of Chemistry and the School of Engineering, receives high-profile recognition for his inspiring contributions to science communications. The young scientist has been awarded an Ingenious grant from the Royal Academy of Engineering and was recently named one of the Royal Society of Chemistry’s ‘175 Faces of Chemistry’.

The 175 Faces of Chemistry project showcases some of the most important past, present and future contributors to chemistry. ‘It’s a tremendous honour to be chosen as one of the 175 Faces of Chemistry’, Jamie says. ‘I’m very pleased and proud to have even been nominated.’

Jamie’s research looks at ways to convert waste heat directly into electricity by growing materials on a nanoscale to improve their efficiency. Bringing his research to life, Jamie is now a regular on the science communication circuit. He presents his entertaining and educational shows at science festivals, schools and universities. A grant from the Royal Academy of Engineering and support from the University have helped Jamie to develop his science show.

‘The Science & Engineering Graduate School at the University decided to match the grant I’d received so I could carry on,’ he says. ‘The support I’ve had from the University has included access to resources, financial support, general encouragement, and also the flexibility to pursue these activities during my PhD. I’m now in my ninth year at Glasgow, and I still want to stay!’

Career prospects

There is a strong demand for graduates in all fields of engineering. Career options include renewable energy, automotive electronics, engineering design, software development, civil and environmental engineering consultation, aerospace systems, desalination technology and thermal science, structural engineering and more.
Looking for signs of life on Mars
Dr Patrick Harkness, lecturer in space systems engineering, is researching new ways to enhance our capabilities in space and improve our understanding of other planets.

His work on deployable structures, such as aerobrakes, solar sails and antennae, will augment the capabilities of new spacecraft in orbit and then enable them to re-enter the Earth’s atmosphere more quickly at end-of-life. This will allow small satellites, such as CubeSats, to carry out more demanding missions and also help to reduce the problem of space debris.

In another strand of research, he’s developing tools to penetrate the surface of other planets in the hope of learning more about their history. ‘If we can understand, for example, whether there were once conditions suitable for life on planets like Mars, perhaps we can start to understand what the potential is for there being life elsewhere in the Universe,’ says Dr Harkness.

The University has recently launched an ambitious space technology research programme that brings together a wide range of space-related projects across disciplines including engineering, Earth science, computer systems, chemistry and physics.

With a government objective to grow the UK space industry, which already accounts for around 7% of the global total, to 10% by 2030, it is a field with an undeniable future. ‘Space research is absolutely fascinating,’ says Dr Harkness. ‘It’s the most startling thing you can be involved with.’

www.glasgow.ac.uk/people/patrickharkness
www.glasgow.ac.uk/space

Developing energy-neutral treatments of waste water
Bill Sloan, Professor of Environmental Engineering, is using cutting-edge advances in biology to improve our treatment of waste water.

‘For the last hundred years we’ve relied on communities of microorganisms to treat waste,’ explains Professor Sloan. ‘But we’re now in a golden age of biology and we’re finding out more and more.’ Through new sequencing technologies researchers are learning to manipulate the organisms to treat our water supply more efficiently. Currently between 5% and 7% of all the electricity in Scotland is used to treat waste water, so we’re trying achieve energy-neutral water treatment.

As well as collaboration with geneticists, synthetic biologists and microbial ecologists, there is industry interest in Professor Sloan’s work from companies such as Scottish Water and Unilever.

www.glasgow.ac.uk/people/williamsloan

At Glasgow it’s easy to collaborate with different disciplines and people. There are many opportunities for interdisciplinary research, you just need to decide what you are most interested in.’

Dr Jonghae Kim, lecturer in biomedical engineering and aerospace sciences

A low-carbon future
Professor of Energy Paul Younger is studying low-carbon energy, with a focus on geothermal energy, hydropower and unconventional gas with carbon capture and storage.

Part of his research is in collaboration with The Planet Earth Institute and aims to introduce low-carbon forms of energy in Africa. ‘Of the 360 million people in East Africa, only 15% are connected to the electricity grid,’ says Professor Younger. ‘So every megawatt of power that is added is changing people’s lives.’

Renewable energy research is an interdisciplinary field that includes engineers, and environmental, social and earth scientists.

Professor Younger was drawn to his area of research by the desire to make a difference: ‘I wanted to do something that would change people’s lives for the better, and to do so in a way that is in harmony with the needs of the natural environment.’

The University has a proud heritage in engineering, having been home to Lord Kelvin, Macquorn Rankine and James Watt, and today energy engineering has undergone fundamental rejuvenation in Glasgow. Professor Younger was drawn to Glasgow by the continued presence of world-class researchers here, especially in new materials, sensors and mathematical modelling. ‘It’s a very exciting time to be here,’ says Professor Younger. ‘We have a young and enthusiastic team and we’re working with industry to develop a meaningful low-carbon energy economy.’

www.glasgow.ac.uk/people/paulyounger
Geographical & Earth Sciences

The School of Geographical & Earth Sciences brings together internationally leading research in physical and human geography, geology and geomatics.

- We take an integrated approach to the study of geography and Earth science at Glasgow, bringing together internationally leading expertise in physical and human geography, Earth sciences and geomatics.
- There are many fieldwork opportunities, ranging from short day excursions close to Glasgow to longer residential fieldtrips, which could take you overseas.
- We host many guest speakers and there are informal opportunities to meet people from industry at open events. Projects may be carried out in conjunction with industry.
- The school houses a wide range of analytical equipment in support of research and teaching, including equipment for chemical, isotopic and molecular analysis, imaging, sample preparation, and geomatics.
- Human geography funding may be available through the Economic & Social Research Council Scottish Doctoral Training Centre Human Geography pathway. Many Earth science research projects offer Natural Environment Research Council research student funding. See www.glasgow.ac.uk/scienceandengineering/graduateschool/scholarshipsandsupport.

Postgraduate research opportunities

The school offers a diverse and exciting range of PhD projects each year.

Research interests

- Earth systems research: Our interdisciplinary research focuses on developing an integrated understanding of the evolution of the Earth’s surface and near-surface environments. Most research is built around the following themes: Earth’s processes; surface processes; shallow crustal processes; extra-terrestrial and mantle processes; Earth observation and technology.
- Human geography research: We research the entangled geographies of power, institutions, knowledge and practice, moving readily from the conceptual to the substantive to the engaged. Research is broadly organised into the following themes: environment, knowledge and development; political economy; justice and solidarity; difference, otherness and subalternity; creativity, experiment and expression.

Potential supervisors

You are welcome to contact individual staff members to discuss a potential research topic before applying, www.glasgow.ac.uk/ges/staff or tel: +44 (0)141 330 8285; email: deborah.dixon@glasgow.ac.uk.

Career prospects

You can gain transferable skills valuable for your career through our collaboration with the Scottish Universities Environmental Research Centre (SUERC). This collaboration gives access to cutting-edge equipment and specialist expertise. Graduates can find opportunities in the private and public sectors including environmental consultancies, local authorities, utility companies, non-governmental organisations and teaching.

Postgraduate taught programmes

- Aquatic System Science (MSc/PgDip)
- Coastal System Management (MSc/PgDip)
- Freshwater System Science (MSc/PgDip)
- Geoinformation Technology and Cartography (MSc/PgCert/PgDip)
- Geomatics & Management (MSc)
- Geospatial & Mapping Sciences (MSc/PgCert/PgDip)
- Human Geography: Space, Politics & Power (MRes)
- Landscape Monitoring & Mapping (MSc/PgDip)
- Marine System Science (MSc/PgDip)

For more information: www.glasgow.ac.uk/postgraduate/taught.
Mathematics & Statistics

You will join a community of academic experts across a wide range of pure and applied mathematics and statistics.

Postgraduate research opportunities
We offer PhD or MSc programmes in Statistics or Pure or Applied Mathematics.

Research interests
• Applied mathematics: Fluid dynamics and magnetohydrodynamics; integrable systems and mathematical physics; mathematical biology; solid mechanics.
• Pure mathematics: Algebra; analysis; geometry and topology.

Postgraduate taught programmes
• Advanced Statistics (MRes)
• Biostatistics (MSc)
• Environmental Statistics (MSc)
• Financial Modelling (MSc)
• Mathematics / Applied Mathematics (MSc)
• Social Statistics (MSc)
• Statistics (MSc)

For more information: www.glasgow.ac.uk/postgraduate/taught.

‘There are plenty of opportunities here for really interesting, exciting projects, which combine methodology and application in a very supportive and indeed enjoyable environment.’
Professor of Statistics Adrian Bowman has a long-standing interest in spatiotemporal data.

Career prospects
You will be equipped with the skills needed to begin a career as a professional statistician or mathematician. Graduates can seek employment in many sectors including banking and finance, medical research, the pharmaceutical industry and government statistical services.

### Assessing the effects of ocean acidification

Professor Maggie Cusack, head of the School of Geographical & Earth Sciences, is leading a team of researchers to explore how fluctuations in water temperature and pH can affect marine life.

The increase in carbon dioxide (CO₂) being absorbed into the water from the atmosphere could change the acidification of our oceans and threaten the continued equilibrium of marine life. ‘The question is: If the oceans become more acidic, can those organisms continue to produce the carbonates that they’re currently making?’ says Professor Cusack.

Researchers are working on an experiment in which selected organisms have been exposed to a lower pH to assess their ability to maintain the carbonate that they’re currently making?’ says Professor Cusack.

www.glasgow.ac.uk/people/maggiecusack

### Precision from space

The Geomatics Group in the School of Geographical & Earth Sciences combines science with cutting-edge technology to enhance our understanding of natural hazards.

Dr Zhenhong Li, senior lecturer, specialises in the precise location and determination of surface movements of the Earth. His research interests include the use of Interferometric Synthetic Aperture Radar (InSAR) and Global Positioning Systems to monitor changes in the Earth’s surface over time. ‘We use advanced geodetic technology to address scientific questions relating to natural hazards, such as landslides, tsunami and earthquakes,’ says Dr Li.

InSAR is a powerful technique for monitoring any changes in the Earth’s surface, and has been shown to produce results far more quickly than and just as reliably as fieldwork. During the 2010 Yushu earthquake in China, Dr Li was able to pinpoint its location quickly than and just as reliably as fieldwork. Receiving satellite radar images using InSAR technology. Comparable and fully consistent results from the field would take weeks to achieve.

Geodesy is a field with exciting new opportunities for postgraduates. ‘Anyone with skills in programming, or a background in mathematics, physics, geophysics or geology should get in touch,’ says Dr Li. ‘They can work with me to advance our technology, and help us understand earthquakes, landslides and tsunami in the future.’

www.glasgow.ac.uk/people/zhenhongli

### Assessing the effects of ocean acidification

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www.glasgow.ac.uk/people/zhenhongli
‘Achieving a PhD was, for me, a lifelong bonus. I learned a lot of in-depth material about my field of research and how to work as a self-directed investigator. I think the student environment in our department helped develop the confidence required for this – it was very friendly.’

Graeme Archer completed his PhD in Statistics at the University. He is now an Orwell Prize-winning blogger, Telegraph politics columnist and professional statistician.

Mathematical models for physiology
Professor of Applied Mathematics Xiaoyu Luo is an expert in the modelling and numerical simulation of fluids and structures in physiology.

Her research involves applying theoretical mechanics and mathematical concepts to the human body in order to solve a range of physiological problems. From magnetic resonance imaging she reconstructs the 3D geometry of human organs, such as heart, heart valves and arteries, and then applies mathematical methods to simulate and understand the biomechanics.

Cardiovascular disease is the leading cause of mortality, both within the UK and worldwide, and poses severe challenges to the UK healthcare system. It is therefore important to develop mathematical and computational models to understand the functions of the heart. With funding from an Engineering & Physical Sciences Research Council grant, Professor Luo and her colleagues have developed various multi-scale models of the heart to provide clinicians with much-needed data about the underlying mechanisms of heart diseases.

Professor Luo believes Glasgow offers students the opportunity to carry out research that can make a difference: ‘PhD students who come here to do research with me have a highly multidisciplinary research project. They don’t just study maths as an academic discipline, but also to understand how we can use it to help with physiological applications and clinical problems.’

www.glasgow.ac.uk/people/xiaoyulu

The School of Physics & Astronomy is a vibrant centre of research in a wide range of fields.

• This school has 46 academics, more than 25 research fellows, around 50 research associates and 90 postgraduate students.
• We host regular research colloquia throughout the year, attracting both UK and international speakers.
• Our extensive material characterisation facilities include: atomic force microscope, surface characterisation and measurement, and the newly installed magTEM microscope. We also have a clean-room, probe-stations and wafers-borders.
• Our state-of-the-art computing facilities are used for modelling, data analysis and simulation of a wide range of physics problems.
• There are a number of PhD scholarship opportunities from the UK Research Councils, the China Scholarship Council and other international schemes.
• We are a member of the Scottish Universities Physics Alliance (SUPA), a research alliance between eight Scottish universities, which offers around ten prize scholarships. SUPA aims to place Scotland at the forefront of research in physics.

Postgraduate research opportunities
Our research groups work in a diverse range of areas in physics and are in active collaboration with physics departments throughout Scotland through SUPA, as well as with universities and research institutes and facilities all over the world.

Research interests
• Astronomy and astrophysics
• Gravitational research
• Materials and condensed matter physics
• Nuclear physics
• Optics
• Particle physics experiment
• Particle physics theory
• Imaging concepts
• Quantum theory.

Students participate in the SUPA Graduate School (www.supa.ac.uk), which provides more than 60 postgraduate-level courses across all the SUPA themes as well as courses covering generic research skills.

Potential supervisors
You are welcome to contact individual staff members to discuss a potential research topic before applying. www.glasgow.ac.uk/physics/staff or tel: +44 (0)141 330 4702, email phas-pgradmissions@glasgow.ac.uk.

‘I fell in love with Scotland the minute I landed there. The warmth and hospitality of its people are extremely valuable to help a young student settle in quickly and focus on research and innovation.’

Dr Zohar Sabeur completed his PhD in Theoretical Physics in 1990 at the University. He is now a senior member of staff at the IT Innovation Centre, Electronics and Computer Science, University of Southampton.

Career prospecs
Graduates can demonstrate to potential employers their numeracy, problem-solving skills, teamwork experience, capacity for logical thought and capability to apply abstract concepts to the real world.

Career opportunities for physicists can be found in areas including research in universities or high-tech companies, finance, consultancy or teaching.
The eye of research

Researchers in the School of Physics & Astronomy study imaging from the fundamentals of optics through to direct technical and commercial applications.

The three main areas of research are computational imaging, spectral imaging, and biophotonics. Computational imaging has direct applications to industry, and researchers at the University collaborate with a range of industrial partners. Within the field of spectral imaging, the research group has developed one of the world’s only techniques to enable video spectral imaging. Research into biophotonics has advanced our ability to image chemical changes within the eye and to measure oxygen concentrations in blood vessels, helping to understand the progression of diabetes.

“It is crucial that we have a good mutual understanding with our crossdisciplinary clinical and industrial research collaborators,” says Andy Harvey, Professor of Optics. “Then we can identify research that is both interesting and challenging and also provides tangible and long-reaching benefit.” Professor Harvey works closely with a range of imaging companies and clinicians throughout the UK and internationally.

There are significant opportunities for postgraduate study, including studentships in collaboration with industry and in the Innovation Centre in Sensing & Imaging Systems. “What I really look for is somebody who can be innovative, and someone who is excited about doing research with practical benefits,” says Professor Harvey.

www.glasgow.ac.uk/people/andyharvey
www.glasgow.ac.uk/imagingconcepts

Searching for gravitational waves

Professor Sheila Rowan, director of the Institute for Gravitational Research at Glasgow, is using a mixture of experimental research and astrophysics to look for gravitational waves.

“We work across a wide range of research areas, from the laboratory-scale developments and prototyping of individual parts of the instrumentation, right through to installing them in observatories, then capturing and analysing the data,” says Professor Rowan. “Students typically get the opportunity to experience research bridging these areas.”

Professor Rowan is interested in optical materials in particular and is studying materials suitable for use in super-sensitive mirrors. These mirrors are a fundamental part of the huge kilometre-scale observatories that are designed to detect gravitational waves.

The team at Glasgow collaborates with a number of universities and institutes around the world, working on a wide range of research topics.

“We have a great setup for research students here. Not only do we provide them with the opportunity to work within almost any aspect of gravitational-wave research, but because of our excellent collaborative links, there are frequently options to travel abroad to study,” says Professor Rowan.

“Students can expect to work in an environment where there is a mix of opportunities involving formal training, entrepreneurial skills, international linkages and industrial experience.”

www.glasgow.ac.uk/people/sheilarowan
www.glasgow.ac.uk/igr

Glasgow has a long history of inspiring talented physicists. Renowned 19th-century physicist Lord Kelvin was a professor at Glasgow for over 50 years. His contributions to the world of science range from electromagnetism and optics through to practical developments in domestic lighting.
Our School of Psychology offers an excellent research environment with impressive facilities and world-leading expertise.

- Our school brings together cutting-edge expertise in experimental psychology, cognitive science and cognitive neuroscience to advance the understanding of behaviour.
- Using diverse approaches, our research aims to advance understanding of the underlying mental processes and brain functions at multiple levels of analysis.
- Our School of Psychology offers an excellent research environment unique in Scotland and creates a research environment unique in Scotland.
- Researchers are grouped across the School of Psychology and the Centre for Cognitive Neuroimaging (CCNi). Many investigators have double affiliations, with links to the Institute of Neuroscience & Psychology (see page 78).
- Facilities include up-to-date devices for studies into brain processes and mental activities (including visual cognition laboratories, eye-trackers, EEG labs, TMS labs, an fMRI and MEG scanner and computing facilities), all within one unit.

### Postgraduate research opportunities

We offer research training leading to the award of a PhD degree.

### Research interests

- **Cognitive and behavioural neuroscience:** Auditory cognition; high-level vision and cognition; attention and multi-sensory integration; perception and action; social interactions; brain development and ageing; computational modelling of cognition; circadian rhythms.
- **Language and communication:** Dialogue and the visual world; discourse processing; theory of mind and counterfactual processing; syntactic processing; quantifiers in linguistic focus; communication and conversation; second-language processing in aphasics; word recognition in context and semantic ambiguity; emotion word processing.
- **Perception and cognition:** Auditory cognition; biological motion; colour vision; depth perception; face perception; motion perception; psychophysics; predictive coding; perception of attractiveness.

### Potential supervisors

You are welcome to contact individual staff members to discuss a potential research topic before applying: [www.glasgow.ac.uk/psychology/staff](http://www.glasgow.ac.uk/psychology/staff) or tel: +44 (0)141 330 5089, email: lynda.young@glasgow.ac.uk.

### Postgraduate taught programmes

- **Brain Sciences:** Brain Sciences: From Molecules to Mind (MRes)
- **Psychology:** Psychological Studies (MSc), Psychological Studies: Academic Practice (PgCert)
- **Brain Sciences:** Brain Sciences: From Molecules to Mind (MRes)
- **Psychology:** Psychological Studies (MSc), Psychological Studies: Academic Practice (PgCert)

For more information: [www.glasgow.ac.uk/postgraduate/taught](http://www.glasgow.ac.uk/postgraduate/taught).

### Career prospects

Graduates have gone on to careers in research and teaching or entered other areas of psychological employment. Since psychology is about people and develops excellent transferable skills, such as critical thinking, it can be applied to most non-specialised areas of employment.

The University’s Centre for Cognitive Neuroimaging brings together many of the world’s top cognitive neuroscientists and creates a research environment unique in Scotland and highly competitive with the rest of the world.

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**Exploring human movement**

Researchers at Glasgow are studying the perception of human movement and the cognitive and neural processes that underlie our abilities to understand the actions of others.

Human movement provides a rich source of information about the intentions and emotions of individuals. Professor Frank Pollick is using brain imaging, behavioural studies and quantitative measurements of human movement to explore how our visual understanding is driven by specific movement properties.

‘Using brain-imaging experiments we examine the different brain regions involved in the processing of human movement,’ explains Professor Pollick. ‘My work all revolves around what information the brain uses and what it does when it tries to comprehend complicated activities.’

As an undergraduate Professor Pollick studied physics and biology, then moved briefly into biomedical engineering before gaining his PhD in cognitive science. ‘I’ve always been interested in the interaction between the physical sciences and the biological sciences,’ he says. ‘I was drawn to the interesting things going on in cognitive science.’

Psychology is an interdisciplinary field, and Professor Pollick collaborates with researchers in computing science and biomedical engineering. ‘There are world-class resources here at Glasgow,’ says Professor Pollick. ‘Our research interests vary from humanoid robotics and computer animation to human movement in athletics and artistic expression in music and dance.’

[www.glasgow.ac.uk/people/frankpollick](http://www.glasgow.ac.uk/people/frankpollick)
Building upon the tradition of Adam Smith, our research and teaching addresses local and global challenges. The college is part of the Scottish Doctoral Training Centre (www.socsciscotland.ac.uk) which provides access to a broad range of research skills training that enhances further academic research as well as employability. Our impressive list of international partners includes Nankai University, with which we are promoting research on China through the Confucius Institute, based at Glasgow.

www.glasgow.ac.uk/socialsciences

Schools
• Adam Smith Business School
• School of Education
• School of Interdisciplinary Studies
• School of Law
• School of Social & Political Sciences

Research Institute
• Institute of Health & Wellbeing (joint with the College of Medical, Veterinary & Life Sciences)

Contact
Tel: +44 (0)141 330 1990
Email: socsci-gradschool@glasgow.ac.uk
The Adam Smith Business School develops internationally recognised research with real socio-economic impact. We are one of the largest graduate business schools in the UK.

- Our subject areas are: Accounting & Finance, Economics and Management.
- Accounting and finance is a broad-based subject group, with research strengths in the main sub-areas of finance and market-based research, financial reporting and management accounting and control. There is also significant presence in the specialist areas of accounting education, accounting history, auditing and corporate governance.
- Economics at Glasgow dates back to Adam Smith, widely renowned as the father of modern economics. Today, we have research collaborations with several international and government organisations, including the World Bank, United Nations, Commonwealth Secretariat, HM Treasury, European Commission and a number of government organisations in developing countries. Our research has also been used by numerous private sector institutions.
- Our management research contributes to theoretical advancement as well as being relevant to management practice. We have national and international interdisciplinary research collaborations, not only with academic researchers, but also with policymakers and managers, addressing issues ranging from the internationalisation of SMEs through to the impact of technology on consumption.
- Our academics have close connections with industry, which means the school is at the cutting edge of business knowledge. The school also offers an annual series of practitioners’ talks, seminars and workshops, which students are encouraged to attend.
- The school has accreditations by the following professional bodies: Association to Advance Collegiate Schools of Business; Association of Chartered Accountants of Scotland; Institute of Chartered Accountants in England and Wales; Association of Chartered Certified Accountants; Chartered Institute of Management Accountants; Chartered Institute of Public Finance and Accountancy. We are also members of the Association of Business Schools and of the European Foundation for Management Development.

Postgraduate research opportunities
We welcome enquiries from PhD applicants.

Research interests
- Accounting education
- Accounting history
- Audit and assurance
- Banking
- Consumers and decision making
- Corporate governance
- Development studies and economic history
- Finance and market-based research

- Financial economics
- Financial reporting
- International business
- Macroeconomics
- Management accounting and control
- Microeconomics
- Social, ethical and environmental accounting and banking
- Strategy and policy
- Work and organisations

Find potential supervisors
You are welcome to contact individual staff members to discuss a potential research topic before applying: www.glasgow.ac.uk/schools/business/staff or tel: +44 (0) 141 330 3993, email: business-school@glasgow.ac.uk.

Postgraduate taught programmes
Accounting & Finance
- Corporate Governance & Accountability (MSc)
- Financial Modelling (MSc)
- International Accounting & Financial Management (MSc)
- International Corporate Finance & Banking (MSc)
- International Finance (MFin)
- International Financial Analysis (MSc)

Economics
- Asset Pricing & Investment (MSc)
- Banking & Financial Services (MSc)
- Development Studies (MSc)
- Economic & Financial Sector Policies (MSc)
- Economic Development (MSc)
- Econometrics, Banking & Finance (MSc)
- Environment & Sustainable Development (MSc)
- Finance & Economic Development (MSc)
- Finance & Management (MSc)
- Financial Economics (MSc)
- Financial Forecasting & Investment (MSc)
- Financial Risk Management (MSc)
- International Banking & Finance (MSc)
- International Development (MSc)
- International Finance & Economic Policy (MSc)
- International Trade & Finance (MSc)
- Investment Banking & Finance (MSc)
- Investment Fund Management (MSc)
- Quantitative Finance (MSc)

Management
- Finance & Management (MSc)
- International Business & Economic Development (MSc)
- International Business & Entrepreneurship (MSc)
- International Management & Design Innovation (MSc)
- International Management & Leadership (MSc)
- International Strategic Marketing (MSc)
- Management (MSc)
- Management with Enterprise & Business Growth (MSc)
- Management with Human Resources (MSc)
- Management with International Finance (MSc)
- Management with International Real Estate (MSc)
- MBA (Master of Business Administration)

For more information: www.glasgow.ac.uk/postgraduate taught.

Establishing a new business overseas
Professor Pavlos Dimitratos is combining his interests in entrepreneurship and internationalisation to study how firms that go abroad act in innovative ways.

International entrepreneurs are people who move from one country to another and establish their own firm in the foreign country, often finding success by behaving differently from the existing firms and acting in a more innovative or proactive way. Entrepreneurs are looking for profit but they are also looking for ways to make improvements,’ says Professor Dimitratos. ‘This can bring about progress and growth in an economy and a society.

Postgraduate study could pave the way for an international entrepreneurial career. ‘We try to inspire our students to think more innovatively, act differently to their competitors, and take calculated risks.’

www.glasgow.ac.uk/people/pavlosdimitratos

Career prospects
Companies and organisations that have recently hired our graduates include American Express, Amazon, Morgan Stanley, Lloyds TSB, JP Morgan, British Gas, Nationwide Building Society, General Motors, IBM, among many others.

The school offers networking opportunities throughout the year, which attract students, alumni, staff, entrepreneurs and business leaders from the public and private sectors.

For entry requirements and how to apply, click here.
For scholarships and fees, click here.
The quest for global security

For Denis Fischbacher-Smith, Professor of Risk & Resilience, the policy problems of risk, security and crisis management are areas of research which have global applications for both businesses and government policymakers.

Professor Fischbacher-Smith’s work is highly interdisciplinary, and has included collaborations with colleagues in statistics, computer science, geographical sciences, war studies and veterinary medicine, as well as with several police forces and the Scottish Government (where he is currently on a research-based secondment to the Critical Infrastructure Resilience Unit).

‘Within the risk and security field at the University there is that level of excitement that makes people want to talk about the research,’ he explains. ‘There is a thriving research environment here in the area of risk and global security and there are numerous opportunities to interact with people from other disciplines. Glasgow has an active Global Security Network, which is a collection of all staff who carry out work in this field, so there are multiple opportunities to engage with colleagues across the University’s research environment.

www.glasgow.ac.uk/people/denisfischbacher-smith

Using computers to aid rural welfare

Economist Dr Arjunan Subramanian has been awarded more than £430,000 from the Economic & Social Research Council and the Department for International Development for a three-year study to examine how information and communications technology (ICT) can improve rural welfare in India.

Working with Professor Gopal Naik from the Indian Institute of Management in Bangalore, Dr Subramanian plans to set up televisions and computers with broadband access in a number of villages across the state of Karnataka to provide information such as weather reports, the type of crops that would be beneficial to grow and how much fertiliser to use.

‘Our aims are to unravel the linkage between information access and agricultural growth, rural development, reduction of poverty, and income and social inequality; and to identify the role of ICT as a potential instrument for inclusive growth,’ he says.

www.glasgow.ac.uk/people/arjunansubramanian

‘I wanted to have a very strong background in business and economics, and that’s why I came to Glasgow. I have been given a lot of support here. It really is an impressive place to study, to live, and to communicate with friends from different countries.’

Sumeng Chang, MSc in Financial Economics graduate
The School of Education is an exciting and stimulating place to study with an expanding research portfolio and strong international links.

Postgraduate research opportunities
In addition to the traditional research programmes of PhD, MPhil and MSc Research, we offer a Professional Doctorate in Education (EdD) for those who wish to engage with professionally located issues at an advanced level.

Research interests
- Interdisciplinary education
- Education in the creative arts
- Children's literature
- Religion, spirituality and education
- Literacy and education
- Education and technology
- Strengthening science education
- Education for mathematical understanding
- E-learning and online technologies
- Effective learning and teaching
- Curriculum and assessment
- Education for inclusion
- Citizenship
- Teacher professionalism and identity
- Responding to educational inequality and disadvantage
- Social class and gender and politics
- Ethnicity and education
- Youth, education and society
- Additional support needs
- Adult and continuing education
- Widening participation
- International comparative education

For entry requirements and how to apply, click here. For scholarships and fees, click here.

Postgraduate taught programmes
- Academic Practice (PgCert)
- Adult & Continuing Education (MSc)
- Advanced Community Development (MSc)
- Children's Literature & Literacies (MEd)
- Community Learning & Development (MEd)
- Doctorate in Education (Research) (EdD)
- Drugs & Alcohol Studies (MSc)
- Education (Primary/Secondary) (PGDE)
- Educational Studies (MEd)
- Educational Studies (MSc)
- English Language Studies (Oman) (MPhil)
- Inclusive Education: Research, Policy & Practice (MEd)
- Inclusive Education: Research, Policy & Practice (inservice programme) (PgCert)
- Leadership, Drugs & Alcohol Setting (PgCert)
- Learning & Teaching in Higher Education (MEd)
- Learning & Teaching of Modern Languages in the Primary School (PgCert)
- Middle Leadership & Management in Schools (PgCert)
- Organisational Leadership (MSc)
- Organisational Leadership (Oman) (MSc)
- Primary Expressive Arts ( PgCert)
- Primary Physical Education (inservice programme) (PgCert)
- Professional Development in Education (PgCert)
- Professional Learning & Enquiry (MEd)
- Professional Practice with PGDE (MEd)
- Psychological Studies (MSc)
- Religion, Education & Culture (MEd)
- Religious Education by Distance Learning (CREDLX) (PgCert)
- School Leadership & Management (Scottish Qualification for Heads) (inservice programme) (PgDip)
- Strategic Leadership (PgCert)
- Teaching Adults (MSc)
- TESOL: Teaching of English to Speakers of Other Languages (MSc)
- TESOL: Teaching of English to Speakers of Other Languages (MEd)
- Young People, Social Inclusion & Change (MSc)

For more information: www.glasgow.ac.uk/postgraduate/taught.

Career prospects
Opportunities exist in primary and secondary schools, UK and international universities, community organisations, local councils, healthcare departments and adult literacy. Graduates have secured roles as class teachers, lecturers, policy developers, psychologists, special education professionals, head teachers, education administrators, researchers, course designers and directors, and teacher educators.

Career prospects

Improving educational outcomes
Chris Chapman, Professor of Educational Policy & Practice, is working with schools that serve particularly challenging communities. His aim is to develop a deeper understanding of the structures and processes that schools can use to improve educational outcomes. Professor Chapman’s professional background as a teacher in challenging areas of Birmingham led on to his intellectual interest in the inner workings of schools. “I became really interested in how some schools have managed to overcome that strong link between social economic disadvantage and lower educational achievement,” he explains.

Professor Chapman is collaborating with schools and local authorities to aid research. ‘We will be conducting independent research and evaluation of the new policies and hopefully our expertise and experience will feed back to improve the Scottish educational system.’

www.glasgow.ac.uk/people/christopherchapman
Interdisciplinary Studies

Based at our rural campus in Dumfries, the school offers a truly unique interdisciplinary approach, drawing on expertise from the sciences, social sciences, arts and humanities.

- Our school places a strong emphasis on the importance of tackling environmental issues in their cultural context. Our subject areas identify important themes in the local region, which also resonate with other rural regions throughout the world and are the focus of the Solway Centre for Environment & Culture: our research hub at Dumfries.
- Our school also has a significant history of research in the areas of health, wellbeing and social studies, including ageing, palliative and end-of-life care.
- We offer many work experience placement opportunities, helping you to develop essential skills and networks in your chosen fields. The school is ideally situated in proximity to natural living laboratories, placement providers and fieldtrip destinations including Scotland’s first UNESCO Biosphere.
- Small group teaching enables students to make the most of excellent local, national and international links.
- Prestigious Scottish Funding Council Awards are available to high-calibre applicants for MSc Environment, Culture & Communication and MSc Tourism, Heritage & Sustainability. See www.glasgow.ac.uk/socialsciences/studentfundingopportunities for details.

Postgraduate research opportunities
We welcome enquiries from PhD applicants.

Research interests
- Renewable energy and climate change
- Environmental sustainability and land management
- Tourism and heritage
- Hospice, palliative and end-of-life care
- Public health, wellbeing and ageing
- Community studies
- Eco-criticism
- History and sociology of science and technology
- Political philosophy
- Science and technology studies
- Scottish history and Scottish studies
- Modern Scottish literature
- Folk belief and popular culture.

Find potential supervisors
You are welcome to contact individual staff members to discuss a potential research topic before applying: www.glasgow.ac.uk/schools/interdisciplinary/staff or tel: +44 (0)1387 720204, email: david.borthwick@glasgow.ac.uk.

Postgraduate taught programmes
- Environment, Culture & Communication (MLLT)
- Environmental Science, Technology & Society (MSc)
- Tourism, Heritage & Development (MSc)
- Tourism, Heritage & Sustainability (MSc)

For more information: www.glasgow.ac.uk/postgraduate/taught.

Career prospects
Our graduates have found employment in both the public and private sectors in fields such as: environmental education; arts and culture; media and journalism; tourism and heritage; technology assessment; carbon management; policymaking and analysis with government agencies and consultancy, environmental consultancies and private companies; or pursuing further postgraduate study.

For entry requirements and how to apply, click here.
For scholarships and fees, click here.

A new approach to environment and culture

The University’s Solway Centre for Environment & Culture brings together ecologists, geographers, anthropologists, literary critics, artists and writers. ‘The relationship between environment and culture is absolutely crucial now,’ says Dr Valentina Bold, director of the centre. ‘The impact of environmental change can be seen all around us.’

The centre is becoming a leading research hub, with a programme of interdisciplinary projects in the fields of rural landscape management, sustainable rural tourism, and the links between landscape, memory and place.

An Engineering & Physical Sciences Research Council-funded study is looking at the application of synthetic biology to water supplies; geophysical archaeology is being used to learn more about Dumfries & Galloway’s unique heritage; and the StorySCAPE project aims to promote heritage landscapes through storytelling.

The highly collaborative centre has associate members within the School of Geographical & Earth Sciences, the School of Critical Studies and the Adam Smith Business School, and an external network including Scottish Natural Heritage and Forest Research.

Postgraduate students will join a vibrant and growing research community. ‘The study of environment and culture, in its interdisciplinary sense, is a new and emerging field,’ says Dr Bold. ‘There is a real opportunity here at Glasgow to develop leadership in this field.’

www.glasgow.ac.uk/people/valentinabold
www.glasgow.ac.uk/solwaycentre
Aigerim Mukhamejanova, MLitt in Tourism, Heritage & Development graduate

I think Dumfries Campus is the best place to study. The small groups, friendly staff, modern and comfortable library, and beautiful scenery outside the classroom windows made my learning process much more pleasant and productive. I felt part of a community and part of a big international family.

Aigerim Mukhamejanova, MLitt in Tourism, Heritage & Development graduate
Investigating criminal law

James Chalmers, Regius Professor of Law, is studying the current practices of criminalisation and the very extensive creation of new criminal legislation.

“You would think we would know exactly how many criminal offences there are but actually we don’t,” says Professor Chalmers. It was revealed a few years ago that the New Labour government had created one criminal offence for every day that it had been in office, although it now looks like that number was in fact significantly higher. “We are trying to work out how much criminal law there actually is, and asking if we need to have this amount of government legislation.”

Professor Chalmers is also working to produce a monograph on Scottish Criminal Law. “We hope our work will raise awareness of just what a criminal act actually is and what alternatives there might be to this extensive regulation.”

The School of Law has a strong, innovative and collaborative research culture that brings together researchers from a range of areas. “There is a lot going on here,” says Professor Chalmers. “We are bigger than most other Law Schools in the UK and we are an internationally recognised team.”

www.glasgow.ac.uk/people/jameschalmers

Competition law in China

Competition law has recently become a vitally important field in China. Mark Furse, Professor of Competition Law & Policy and Head of the School of Law, is the only researcher in the UK with a leading expertise in this area.

“If you had told me when I first visited China in the 1970s that it would one day utilise competition law I simply wouldn’t have believed you,” says Professor Furse. “The fact that I have a personal love of China, that it will become the world’s largest economy, and that it was so recently introduced to my subject, makes it too fascinating to ignore.”

Competition law is a combination of law and economics that describes how competitive interactions of companies are monitored and controlled. “It’s very fast moving, it plays with the highest stakes, and it’s fun,” says Professor Furse, who is also an honorary professor at universities in Chongqing and Shanghai.

Glasgow itself has a long tradition as a commercial trading city with academic excellence in this field. “We have astonishing resources, historical archives, and electronic access to virtually anything in the world, all in an environment where commerce is very important,” says Professor Furse. “Our students have gone on to work in top law firms and government agencies around the world.”

www.glasgow.ac.uk/people/markfurse

‘I had several options in the UK but I chose the University of Glasgow specifically because its School of Law is one of the best in the country. The LLM allowed me to broaden my knowledge in those areas and I believe that I gained a lot of autonomy and confidence by studying at the School of Law.’

Charlotte Divin from France studied for an LLM in International Law & Security and is now working for a local NGO in Indonesia in human rights and international criminal law.

www.glasgow.ac.uk/people/markfurse
Our school is a leading centre of applied and policy-related research addressing key issues such as: social and economic inequalities, identities and social change; governance and the state; crime and criminal justice; health and wellbeing, including disability; urban health and the history of medicine; global security and international relations; global economy and business, including business and financial history; urban planning, property and place making.

Our school’s disciplinary expertise ranges across the subject areas of Central & East European studies, economic and social history, politics, sociology and urban studies.

Our researchers make major contributions to national and international research networks, and to knowledge exchange with the public, private and voluntary sectors in Scotland and throughout the world.

Our taught programmes are geared to improving your employment prospects. Several programmes have professional validation (in housing, planning and real estate). We bring in speakers from industry and government to contribute to teaching and provide opportunities to meet professionals through seminars, open events or recruitment presentations. We will also support you to arrange professional work placements where appropriate.

New research is fostered through networks of staff across the University and via wider collaboration, and our researchers regularly attract substantial grants from the Economic & Social Research Council, the Arts & Humanities Research Council, the Scottish Funding Council, the Leverhulme Trust, the Wellcome Trust and European programmes.

As a postgraduate student you will benefit from regular workshops, seminar series, student away days, and opportunities to meet and discuss progress with supervisors.

The University’s main library has outstanding collections relating to our subjects, and key statistical and official publications. The collection is enhanced by the Library’s status as an official European Documentation Centre, with the full range of EU resources as well as extensive electronic resources including key journals, newspapers and archival materials. The Business Archive holds the largest collection of company archives in Europe.

Our school has particular strengths in the development and teaching of research methods. We are a leading centre for advanced quantitative methods and have great depth in qualitative methods as well. We offer a cutting-edge grounding in methods to all PhD and MRes students.

Postgraduate research programmes

We welcome enquiries from PhD applicants.

Research interests
- Business and financial history
- Citizens, communication and political actors
- Consumption and risk
- Crime, justice and security
- Global and regional governance
- Global security
- History of medicine
- History, memory and legacy
- Housing, real estate and urban economics
- Human rights
- Identity, language and culture
- Inequalities, poverty and social exclusion
- International relations
- Migration
- Neighbourhoods and well-being
- Political theory
- Public and urban policy
- Regeneration
- Research practice and methods
- Social and gender history
- Social theory
- Social welfare
- Transformations and political change.

Find potential supervisors

You are welcome to contact individual staff members to discuss a potential research topic before applying: www.glasgow.ac.uk/schools/socialpolitical/staff or tel: +44 (0)141 330 2514, email: socpol-enquiries@glasgow.ac.uk.

Postgraduate taught programmes

Central & East European Studies
- Central & East European Studies (MRes)
- Russian, Central & East European Studies (MSc)
- European studies, economic and social history
- Global Economy (MSc)

Economics & Social History
- Global Economy (MSc)

Politics
- Chinese Studies (MSc)
- European Politics (MSc)
- Human Rights & International Politics (MRes)
- Human Rights & International Politics (MSc/ PgDip)
- International Politics (China) (MSc)
- International Relations (MRes)
- International Relations (MSc)
- Political Communication (MSc/PgDip)
- Political Communication (MSc/PgDip)

Urban Studies
- City & Regional Planning (MSc)
- City Planning & Real Estate Development (MSc)
- Planning & Urban Policy (MSc)
- Public Policy Research (MRes)
- Real Estate (MSc)
- Real Estate (PgyCert)
- Real Estate & Regeneration (MSc)
- Spatial Planning (PgyCert)
- Transport Planning (MSc)
- Urban Research (MRes)

For more information: www.glasgow.ac.uk/postgraduate/taught.

Creating international opportunities

Recognised by the European Commission as an Erasmus Mundus Masters Programme of ‘outstanding academic quality,’ our double degree programme of International Masters in Russian, Central & East European Studies (IMRCEES) offers students the chance to broaden their academic horizons.

IMRCEES students have the opportunity to spend their second year abroad in one of the programme’s partner institutions where they can learn the language and become immersed in the culture, politics and history of the region. ‘We give our students a wide range of experiences and above the straight-forward academic experience of going into the classroom,’ says Dr Clara McManus, Erasmus Mundus IMRCEES academic director and co-director of the University’s Centre for Russian, Central & East European Studies.

www.glasgow.ac.uk/erasmusmundus

Career prospects

Our programmes provide knowledge, skills and training relevant to a broad range of careers, through in-depth study of key economic and social issues and problems.

Many of our graduates have found roles in the private sector, voluntary or charitable organisations, civil service and government both in the UK and overseas, journalism, policymaking, higher education and academia, and many more.

For entry requirements and how to apply, click here.

For scholarships and fees, click here.

The School of Social & Political Sciences aims to produce internationally significant research to enhance students’ learning and contribute to the economy and society.
Chinese health and society

Professor Jane Duckett, director of the Scottish Centre for China Research, is bringing together experts from Glasgow, the University of Manchester and Peking University to explore the relationship between Chinese people’s attitudes to the healthcare system and how they use it.

China has radically transformed its health system over the last 30 years, leading to a change in the Chinese population’s attitudes towards their healthcare. ‘What was a fully publicly funded health system has now been commercialised. It’s brought a lot of money into the health system but it’s also made it very expensive for people,’ explains Professor Duckett.

‘One of the issues in China has been a mistrust of doctors, because the system has become very commercialised, with doctors selling medicines and hospitals selling drugs and making money out of some services,’ she says. ‘There’s anecdotal research by anthropologists in China that says people will do all kinds of unexpected things if they don’t trust their doctor, such as self-diagnosing or even seeing a vet.’

The team hopes to use the study to aid Chinese policymakers and government as well as the World Health Organization and the United Nations Development Programme.

www.glasgow.ac.uk/people/janeduckett
www.glasgow.ac.uk/sccr

Urban development in China

China is undergoing a period of dramatic change in its approach to urban development and planning.

Professor Ya Ping Wang, chair in Global City Futures and programme convener, is researching social issues related to city planning with a particular regional focus on China.

‘I started looking at how cities are planned, but quickly found that there are social issues which need more careful research,’ explains Professor Wang. ‘The communist welfare housing system in China has been privatised and I have a particular interest in how this affects those on a lower income.’

There are a large number of migrant workers from rural areas in China who have moved to the city and are struggling to find housing. Local farmers provide accommodation for these migrant workers, creating a unique phenomenon of Chinese urban villages.

Professor Wang’s research involves wide collaboration with economists, sociologists, and the local and national government in China. ‘I always feel my research is policy-orientated; I think for research to be useful, it needs to be relevant,’ says Professor Wang. ‘One side of this is to publish my research so other academics can read it, but another is to feed my findings back to the government. That way, I can play a positive role in the policy building process.’

www.glasgow.ac.uk/people/yapingwang

The MSc in Criminology & Criminal Justice is a challenging and comprehensive programme. Through this programme I developed excellent data and research skills and an extensive knowledge of the methods and data used in criminal justice settings. This has proved invaluable in my employment in the criminal justice field.’

Orla Clohessy, MSc in Criminology and Criminal Justice graduate

‘The MSc in Real Estate is accredited by the Royal Institution of Chartered Surveyors, which is a huge advantage and played a large part in my choice of this degree and the University. The programme has opened doors and set me on the career path I want to be on. I could not recommend it enough!’

Grant Davidson, MSc in Real Estate graduate
Protecting our cultural antiquities

The School of Social & Political Sciences is home to the Scottish Centre for Crime & Justice Research. Professor Simon Mackenzie is leading a research project by the centre which aims to combat the global trade in illicit artifacts.

Each year, objects of cultural significance and value are looted and smuggled around the world, often turning up in private collections and even museums in the West. The European Research Council-funded project will gather and analyse data ranging from illegal excavation and pricing structures to the motives of traffickers. The aim is to develop new approaches to regulate the international trade in cultural goods and to help policymakers better define laws to fight criminal activities.

Much of the problem with this trade is hidden by the lack of a solid research base, as Professor Mackenzie explains: ‘Everybody knows that illicit trafficking in cultural heritage has been going on for a very long time. But it’s a very private trade and because of that, it is difficult to record accurate statistics on the size of the problem globally.

People are buying and selling cultural objects in the international market for millions of dollars and that money filters back down the chain of supply to the looters and small-time dealers in source countries. If we can stop that from happening, we will remove the incentive for stealing cultural objects and begin to unwind the criminal side of the market.’

The history of Thalidomide

Ray Stokes, Professor of Business History, is trying to shed light on the Thalidomide crisis by studying it from a historical perspective. ‘I’m working with the Thalidomide Trust and also with Thalidomide activists in trying to get justice for what they’ve been subjected to,’ says Professor Stokes.

Thalidomide was licensed in the UK in 1958 and withdrawn in 1961. During that time approximately 2,000 babies were born with deformities, around half of whom died within a few months. The crisis spanned the world and resulted in a change in the way drugs are tested and used during pregnancy.

Professor Stokes’ research will form the basis of his new book, which will chart the history of Thalidomide from the 1940s to the present. The findings will support ongoing campaigns in the UK, Germany and elsewhere seeking adequate compensation for the victims of the drug.

Based at Glasgow, the Centre for Russian, Central & East European Studies supports activities demonstrating the impact and strategic importance of research in language-based area studies, particularly in terms of building capacity and supporting knowledge exchange in the non-academic sector.

www.glasgow.ac.uk/crcees

www.glasgow.ac.uk/people/raystokes

www.glasgow.ac.uk/people/simonmackenzie

www.sccjr.ac.uk
AZ of all postgraduate taught programmes

A
Academic Practice (PgCert)
Adapt & Continuous Education (MSc)
Advanced Community Development (MSc)
Advanced Practice in Health Care (MSc (Med Sci))
Aeronaautical Engineering (MSc)
Aerospace Engineering & Management (MSc)
Aerospace Systems (MSc)
Aerospace Vehicle Systems (MSc)
Animal Welfare Science, Ethics & Law (MSc)
Applied Neuphysiology (MSc (Med Sci))
Applied Systems Engineering (MSc)
Archaeological Studies (MLitt)
Art History: Art & Politics: Transgression 20th-Century Avant-Garde (MSc)
Art History: Dress and Textile Histories (MLitt)
Art History: History of Collecting & Collections (MLitt)
Art History: International Art Nouveau (MLitt)
Art, Law & Business (MLitt)
Art, Style & Design (MLitt)
Art in Germany (MSc)
Arts of China (MSc)
Arts of Europe (MSc)
Arts of the Middle East (MSc)
Arts Pricing & Investment (MSc)
Astrophysics (MSc)

B
Banking & Financial Services (MSc)
Battelille & Conflict Archaeology (MSc)
Bioinformatics, Polymers and Systems Biology (MSc)
Biomedical Sciences (PgCert)
Biotechnology (MSc)
Brain Imaging (MSc)
Brain Sciences: From Molecules to Mind (MRes)

C
Cardiovascular Sciences (MSc (Med Sci))
Celtic & Viking Archaeology (MSc (Med Sci))
Chemistry (MSc)
Chemistry & Medicinal Chemistry (MSc)
Child Health (PgCert/PgDip/PgMSc)
Childhood Practice (MSc/PgCert)
Children's Literature & Literacies (MSc)
Chinese Studies (MSc)
City & Regional Planning (MSc)
City Planning & Real Estate Development (MSc)
City Planning & Regeneration (MSc)
Civil Engineering & Management (MSc)
Classics (MSc)
Clinical Neuropsychology (MSc (Med Sci))
Clinical Nutrition (MSc (Med Sci))
Clinical Pharmacology (MSc (Med Sci))
Clinical Psychology (LLM)
Clinical Psychology (PgCert)
Coastal System Management (MSc/PgDip)
Community Learning & Development (MEd)
Community & Criminal Justice (MSc)
Community & Criminal Justice (MLitt)
Computer Science (MSc)
Computer Science: Network Security (MSc)
Computing Science (MSc)
Computing for Business (MLitt)
Computing for Design (MLitt)
Computing for Health (MLitt)
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This publication is intended to help you choose your programme of study at the University of Glasgow. It does not replace the University Calendar as a statement of the University regulations.

All students will be required as a condition of registration (matriculation) to abide by, and to submit to the procedures of, the University’s rules and regulations, as amended from time to time. A copy of the current regulations is available, on request, from Student Services, or the University Calendar can be viewed online at: www.glasgow.ac.uk/senate/calendar.

Every effort has been made to ensure the accuracy of the information contained within this publication but it is subject to alteration without notice. The University will use all reasonable endeavours to deliver courses in accordance with the descriptions set out in this publication. The University, however, reserves the right to make variations to the contents or methods of delivery of courses, to discontinue courses and to merge, or combine courses, if such action is reasonably considered to be necessary by the University. If the University discontinues any course, it will use its reasonable endeavours to provide a suitable alternative course. In the event of industrial action or other circumstances beyond the University’s control interfering with its ability to provide these courses or services, the University will undertake to minimise disruption as far as is practicable.

Published admissions requirements are subject to alteration and may differ from those listed in this prospectus.

Equality and diversity

The University of Glasgow is committed to promoting equality in all its activities, and aims to provide a work, learning, research and teaching environment free from discrimination and where difference is positively valued.

The University’s equality policies and other useful sources of information are available on the website at www.glasgow.ac.uk/equalityanddiversity.

Data Protection Act

The University collects and processes information, including images, about its students, applicants and potential applicants, for academic, administrative, management, pastoral, and health and safety reasons.

Some of this information is considered as sensitive personal data in the terms of the Data Protection Act 1998. The information is provided by a student, applicant or potential applicant on his/her behalf. It is not possible to become, or remain, a registered (matriculated) student, or to process an application without agreement to provide this information. The information is processed in accordance with the University’s Notification with the Information Commissioner under the Data Protection Act 1998, and is disclosed to third parties only with student’s consent, or to meet a statutory obligation, or in accordance with the University’s Notification with the Information Commissioner, or in accordance with the terms of the Act.

Smoking policy

In line with legislation throughout the UK, smoking is not permitted in any University building, department or official vehicle.

Refund of private fee contributions

For the University’s refund policy, please see www.glasgow.ac.uk/scholarships/fees/refund.

Additional fees

In common with other universities, students on certain courses at the University of Glasgow may incur additional expenditure on items such as fieldwork, specialist materials and supplementary instrumental tuition; although some assistance from University funds may be available to meet such expenditure, responsibility for payment will rest with the student. In addition, small charges may be made in some subjects for such items as course materials, photocopying and laser printing. Detailed information may be obtained from the University’s schools or colleges.

General Council registration fee

All first-time graduates from the University of Glasgow must, prior to graduation, pay a registration fee to become a member of the University’s General Council. Payment of the fee means that your name will be entered in the Register of Graduates and you will be entitled to attend the twice-yearly statutory meetings of the Council and vote in its deliberations. You will also receive regular mailings from the Council which will include the University’s Annual Review.

Associated institutions

The University is proud of its associations with The Glasgow School of Art and Scotland’s Rural College. Both are independent higher education institutions. If you apply for a programme offered by either institution, you will pursue your studies at that institution but your final degree will be conferred by the University of Glasgow. Applications should be made to the institution and not to the University. The University has made separate arrangements with each institution for access to University facilities. The institution concerned will provide guidance on these arrangements. For further information: www.gsa.ac.uk and www.arsc.ac.uk.

Credits

Photography by: University Photographic Unit, Renzo Mazzolini, Paul Hampton, Shutterstock, Paul Marion and NASA.

Produced by Corporate Communications, University of Glasgow. City map designed by Paul Empire. Printed by J Thomson.

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University of Glasgow, charity no. SCO04401
We asked our students to sum up their time at Glasgow in three words. This is what some of them said.

**Life Changingly Brilliant.**
Sarah Milburn from Sunderland

**Exciting, Inspiring, Fun.**
Chiara Bullen from Falkirk

**Hogwarts but better.**
Lucy Knox from Ardrossan

**Exciting. Alternative. Home.**
Katy Deane from Leeds

**Welcoming, happy community.**
Katie Sprung from Liverpool

**Exciting, Enlightening, Eclectic.**
Breanna Goodman from Chicago

**I’m loving it!**
XinHui Yeo from Malaysia

**This is home.**
Katie Sharp from Killearn

**Worth the rain.**
Harry Smith from Taunton

**Always a challenge!**
Charlie Batchelor from Nottingham

**awesome, Awesome, AWESOME.**
Yana Daneva from Plovdiv

**I love it.**
Alan Alexander from Coldingham

**worth the effort.**
Caitriona Cassidy from Belfast

**best decision ever.**
Vicky Gillan from Glasgow

**Challenging, rewarding, fun.**
Desana Svolikova from Slovakia

**experience to remember**
Ksenia Montgomery from St Petersburg

**This is home.**
Katie Sharp from Killearn
Glasgow's subway provides a quick way to travel around the city.

The University is based in the West End, three miles from the city centre.

Glasgow has more than 15 parks and gardens, including the Botanic Gardens in the West End.

Visit the CCA for visual art, performance, film, music, spoken word and other events.

From all house cinema to film festivals and even rock concerts, there's something for everyone at the GFT.

At 62m high, Glasgow's Emirates Arena is currently the tallest cinema in the world.

Glasgow's three main shopping streets are known as the 'Style Mile'.

Hampden, Scotland's national football stadium, is also a recognised venue for concerts.

Hillhead Subway Station

Kelvingrove Park

Kelvinbridge Subway Station

The Riverside Museum hosts the city's transport collection.

The Merchant City is Glasgow's cultural, fashion and food quarter.

The Garage Nightclub features guest DJs such as Steve Lamacq and Mani.

The University is based in the West End, three miles from the main campus.

Glasgow's subway provides a quick way to travel around the city.

Kelvingrove Art Gallery & Museum

Kelvinhall Subway Station

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Kelvingrove Park

Kelvinbridge Subway Station

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