UNIVERSITY OF LEEDS

POSTGRADUATE RESEARCH 2017

INSPIRING MINDS
LEEDS, THE CITY

- One of the greenest cities in Europe with around 4,000 hectares of green space
- Competing to be the European Capital of Culture 2023
- Largest financial and business service sector in the UK outside London

OUR CAMPUS

- University of the Year 2017 (The Times and The Sunday Times)
- Top 100 University in the world (QS World University Rankings 2016)
- Top 10 University for research power in the UK (REF 2014)
- Over 2,500 postgraduate researchers
- One single campus, right next to the city centre
Important information

Information provided by the University such as in presentations, University brochures and the University website, is accurate at the time of first disclosure. However, courses, University services and content of publications remain subject to change. Changes may be necessary to comply with the requirements of accrediting bodies or to keep courses contemporary through updating practices or areas of study. Circumstances may arise outside the reasonable control of the University, leading to required changes. Such circumstances include, industrial action, unexpected student numbers, significant staff illness (where a course is reliant upon a person’s expertise), unexpected lack of funding, severe weather, fire, civil disorder, political unrest, government restrictions and serious concern with regard to the transmission of serious illness making a course unsafe to deliver. After a student has taken up a place with the University, the University will look to give early notification of any changes and try to minimise their impact, offering suitable alternative arrangements or forms of compensation where it believes there is a fair case to do so. Offers of a place to study at the University will provide up to date information on courses. The latest key information on courses, entry requirements and fees can be found at www.leeds.ac.uk/coursefinder. Please check this website before making any decisions.

You can also ask questions using social media:

@UniversityLeeds
/universityofleeds

Alternative formats

If you require any of the information contained within this publication in an alternative format e.g. Braille, large print or audio email disability@leeds.ac.uk
WELCOME TO LEEDS

As one of the largest research-intensive universities in the UK, Leeds engages in world-class research across an exceptionally diverse range of disciplines. Join us and you will become part of a community that stimulates, challenges and supports you to deliver research in an environment that suits you.
WELCOME TO LEEDS
Join Leeds and you’ll be part of a thriving postgraduate community.

Established in 1904, the University of Leeds is one of UK’s largest universities, world-famous for its teaching and research. Internationally recognised as a centre of excellence in a wide range of disciplines, we’re one of the top 100 universities in the world (QS World University Rankings, 2016) and a member of the prestigious Russell Group of 24 research-intensive universities.

Choose Leeds and you will join our community of more than 2,500 postgraduate researchers engaged in world-leading research. As a postgraduate researcher, you are a fundamental part of our vibrant research culture – making a significant contribution to global issues by delivering research that has far-reaching impact. You could be one of them.

“If you want to be part of a community of research excellence that will encourage, stimulate, challenge and support you, then the University of Leeds is ready to welcome you. Our research is tackling big global and societal challenges and helping improve lives. Come and join us and help change the world.”

PROFESSOR LISA ROBERTS, DEPUTY VICE-CHANCELLOR: RESEARCH AND INNOVATION

To find out when a University of Leeds representative will be visiting your country, go to www.leeds.ac.uk/visitstoyourcountry

You could also meet us at a postgraduate study fair, held throughout the UK www.leeds.ac.uk/postgraduatefairs

Better still, come and visit us on our postgraduate open day to get a feel for life on campus, meet our academic staff and chat to some of our current students.

POSTGRADUATE OPEN DAY
10 FEBRUARY 2017
www.leeds.ac.uk/pgopenday

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OUR RESEARCH STRENGTHS

With enormous economic, environmental and societal challenges facing the world, there has never been a greater need for original, creative and innovative research. Here at the University of Leeds, our postgraduate community is rising to the challenge, delivering world-class research across a wide range of disciplines.
RESEARCH ENVIRONMENT

As one of the largest research-intensive universities in the UK, Leeds engages in world-class research across an exceptionally diverse range of disciplines.

We were awarded over £140m in research awards in 2014/15, and had the tenth largest total research grants and contracts income in the sector in 2013/14 (Higher Education Statistics Agency (HESA), April 2015).

Research excellence

We are committed to research that makes a difference to society and is solving the big questions. Leeds is one of the UK’s leading research universities, with more than 80% of our research rated either ‘world leading’ or ‘internationally excellent’ in the recent Research Excellence Framework (REF). The results position the University in the top 10 when it comes to the impact power of its research, reflecting the sheer scale and quality of research at Leeds.

The research you undertake will not only build on your knowledge of your subject but will also contribute to the wider direction of research at the University.

Interdisciplinary research

We have a strong interdisciplinary ethos, with many departments and schools collaborating in a number of research centres and clusters. These act as forums for the generation and development of ideas and they support collaboration. For example, the Centre for Doctoral Training in Tissue Engineering and Regenerative Medicine – Innovation in Medicine and Biological Engineering sees postgraduate researchers from physical science, engineering and biological science backgrounds work together to research, develop and deliver regenerative therapies and devices that can repair or replace diseased tissues and restore normal tissue function.

Doctoral training programmes

Our centres for doctoral training (some also known as doctoral training centres) welcome applicants from a broad range of disciplines, bringing together diverse areas of expertise to address key global issues, such as bioenergy and regenerative medicine.

Most centres engage in innovative forms of learning and teaching to create integrated MSc and PhD qualifications. They provide excellent supervision, industrial placements, and comprehensive training and development, all within a supportive research environment. Many offer fully-funded studentships, particularly for UK and EU students.

At Leeds, our centres include those funded by the Engineering and Physical Research Council (EPSRC) and the Economic and Social Research Council (ESRC), as well as a number of partner doctoral training centres.

The University is part of the White Rose University Consortium, in collaboration with the universities of York and Sheffield. The White Rose Doctoral Training Centre is one of the largest doctoral training centres in the UK, supporting postgraduate researchers in the social sciences.

Find out more about funding for centres for doctoral training (CDTs) on page 52. www.leeds.ac.uk/doctoraltraining

Leading research right here on campus

The University of Leeds provides an excellent learning and research environment for you to undertake your PhD, with some of the UK’s leading research centres based here on campus.

Astbury Centre for Structural Molecular Biology

The Astbury Centre for Structural Molecular Biology brings together more than 300 researchers from physics, the biological sciences, medicine and chemistry, with the common aim of understanding life in molecular detail. The Centre has a grant income portfolio in excess of £70m.

Centre members combine their different expertise to investigate complex disorders including ageing, cancer and infectivity, and to develop new routes to disease intervention. A recent £17m investment in state-of-the-art Nuclear Magnetic Resonance (NMR) and Electron Microscopy (EM) facilities in the new Astbury Biostucture Laboratory has enhanced the Centre’s already impressive array of equipment, which includes facilities for X-ray diffraction, NMR, EM, confocal microscopy, super-resolution imaging, an Atomic Force Microscope (AFM) and mass spectrometry.

The Astbury Centre is host to a prestigious Wellcome Trust-funded four-year PhD programme, The Molecular Basis of Biological Mechanisms, and is also centrally involved in a BBSRC-funded PhD programme (Mechanistic Biology and its Strategic Application).

National Facility for Innovative Robotic Systems

Whether it’s designing systems to help patients recover after stroke or building robots to explore previously unseen chambers in the great pyramids of Egypt, we are at the forefront of robot design and construction. This £4.3m government-backed facility offers the latest 3D printing, including one of the world’s largest multi-material 3D printers and high-precision assembly technologies, giving our researchers and industrial partners access to the latest suite of technologies.

Leeds Institute for Data Analytics (LIDA)

The Leeds Institute for Data Analytics (LIDA) is home to two major programmes for data-intensive research – the MRC Centre for Medical Bioinformatics and the ESRC Consumer Data Research Centre. LIDA is bringing together applied research groups alongside data scientists in mathematics and computer science to open up unparalleled opportunities to understand health and human behaviour. This will have clear patient benefits, high social and economic impact and real international reach.

Priestley International Centre for Climate

Current planned investment includes the establishment of the Priestley International Centre for Climate (PICC). Helping to establish Leeds at the forefront of international interdisciplinary research, PICC will look to formalise cross-campus collaboration, working in areas related to climate change, its impacts and response strategies. It will enable new collaborations between world-leading researchers and with international colleagues. A new doctoral-training centre will also form part of the Centre.

Commercialisation

Our commercialisation team focuses on supporting the activities of more than 3,000 researchers and has successfully facilitated the creation of several spin-out companies which began life as research projects. From the launch of a virtually waterless laundry technology to new dental repair procedures without the need for drilling, the innovations are endless. The team provides businesses with access to innovative ideas and technology, and engages with external organisations to create new partners.

www.leeds.ac.uk/commercialisation

Research with impact

The REF measures research impact outside academia, such as its effects on the economy, public policy, civil society or culture, and positions the University ninth in the UK in terms of impact power.

Our main areas of research are grouped into strategic interdisciplinary themes: food, health, water, energy, culture, cities: sustainable societies and resilient infrastructure, and high-value engineering.
RESEARCH IN THE REAL WORLD
The University’s research is changing our world, from developing innovative health technologies to illuminating the cultural significance of literature and landscapes. Our postgraduate researchers are at the heart, developing global solutions that make a difference in the real world. For example, the development by our researchers of acellular biological scaffolds to repair and replace human tissues led to the founding of Tissue Regenix, one of the most successful medical technology spinouts from a UK university in recent years.

The University’s support for innovation through the Research and Innovation Service (RIS) attracts world-class academics who continue to launch new initiatives into the global marketplace. We manage a patent portfolio in excess of 350 filings, as well as over 100 knowledge transfer partnerships (KTPs) and our Spark business start-up initiative has supported the creation of 170 new businesses.

www.leeds.ac.uk/business

Below are some examples of recent research that has taken place at Leeds:

Sustainable use of agricultural land beyond food production
Research into how to make agriculture more sustainable and productive, an area known as sustainable intensification, has recently been undertaken by a team of Leeds researchers. One outcome of the work conducted by Professor Tim Benton, Global Food Security Champion for the UK, and his colleagues is a conceptual land management framework to underpin sustainable agriculture.

Virtual waterless washing machine
Researchers at the University of Leeds have developed a ‘virtually waterless’ washing machine – dramatically reducing cost and environmental impact. Harnessing over 30 years of research led by Professor Stephen Burkinshaw of the School of Design, Leeds spin-out company Xeros Ltd have brought polymer-based systems to the market that replace much of the water used in conventional clothes laundering.

The Xero system saves up to 90% of water usage compared to front loading laundry systems whilst still giving the same performance as conventional washing. The patent process uses reusable plastic beads – alongside a fraction of the detergent – to absorb and remove dirt, potentially providing significant benefits in energy use, water efficiency and lower effluent.

This technology, developed here at the University of Leeds, could be in UK homes within five years. Xeros have recently seen an explosion of demand for its technology in the US due to chronic water shortages and inconsistencies in water pricing across states. Eight US utility companies are now offering incentives to their customers for the energy and water savings achieved using Xeros cleaning systems.

Xeros were previously named ‘Best Technological Breakthrough’ at the Climate Week Awards.

Global theatre and research collaboration
The 400th anniversary of the death of Shakespeare and his Chinese contemporary, Tang Xianzu, saw students and academics from the Faculty of Arts, Humanities and Cultures involved in a global collaboration.

For William Shakespeare and Tang Xianzu: Celebrating a 400 Year Legacy, students in Beijing and Leeds worked around the common theme of dreams, preparing for back-to-back performances of their respective interpretations of A Midsummer Night’s Dream and Min-nie-gel (The Dream Under the Southern Bough). After its Leeds premiere in front of the Chinese Ambassador to the UK, the production moved to the Edinburgh Festival Fringe, then major cities in China, including Fuzhui, Tang’s birthplace.

Precious 17th-century copies of Tang’s plays in the University Library’s Special Collections came to light as part of the international theatre project. The University’s Treasures of the Brotherton Gallery has our copy of Shakespeare’s First Folio on permanent display.

The Shakespeare 1616-2016 research collaboration also featured a series of academic lectures, public talks, workshops and cultural exchanges. Professor Martin Butler of the School of English lectured about Shakespeare across China, whilst colleagues recorded Folger Shakespeare Library podcasts about Shakespeare’s legacy in Africa and music in his plays.

The Shakespeare-Tang collaboration was led by colleagues from the School of Performance and Cultural Industries and East Asian Studies in the School of Languages, Cultures and Societies.

Developing an artificial eye lens
A University of Leeds researcher is developing a new eye lens, made from the same material found in smartphone and TV screens, which could restore long-sightedness in older people.

As people age, their lenses lose flexibility and elasticity. This leads to a condition known as presbyopia, common in people over 45 years old, and can require optical aids, such as reading glasses. Devesh Mistry, a postgraduate research student in the School of Physics and Astronomy, is working with liquid crystal to create a truly adjustable artificial lens.

Using the liquid crystal-based materials, Devesh’s collaborative research builds upon previous work by the same researchers at the University of Leeds and the British Antarctic Survey on Seymour Island in the Antarctic Peninsula.

Scientists had previously thought that organisms living near the Poles were far enough away from the cause of the extinction to avoid being badly affected – whether this was an asteroid impact in the Gulf of Mexico, where a giant buried impact crater is found today, or extreme volcanism in the Deccan volcanic province in India.

The research involved identifying more than 6,000 marine fossils (from 69 million to 65 million years old), excavated by scientists from the University of Leeds and the British Antarctic Survey on Seymour Island in the Antarctic Peninsula. This is one of the largest collections of marine fossils of this age anywhere in the world.

With the marine fossils grouped by age, the collection showed a dramatic 65-70% reduction in the number of species living in the Antarctic 66 million years ago – coinciding exactly with the time when the dinosaurs and many other groups of organisms worldwide became extinct at the end of the Cretaceous Period.
Helen Close  
*Pictured in the Leeds Cancer Research UK Centre at St James’s University Hospital*

I’m based in the Faculty of Medicine and Health within the Leeds Institute of Cancer and Pathology and work from St James’s Hospital. My research is on a type of brain tumour known as Glioblastoma Multiforme. For the last few decades, there hasn’t been much improvement in the prognoses for patients with high-grade gliomas so there’s a real drive to try and find new ways to treat the disease – I’m funded by Cancer Research UK for my PhD.

Within my department, there’s a lot of research going into viral oncology; where you use a virus to selectively kill the cancer cells. The project specifically looks at using natural killer cells which are capable of targeting viral infected or tumour cells. Normally these cells are capable of killing tumours, but because the tumour exists, it must have avoided that mechanism; I’m looking at how that happens.

As a department we work quite collaboratively. So somebody is studying what’s going on at the genomic level whilst other people are researching DNA repair within the tumours and how radiotherapy can be made more effective. It’s good to be part of this wider research as you get an idea of what’s happening at all levels of the tumour.

Whenever you’re doing a PhD you’re discovering something new but I think the fact that when I receive a tumour sample and you know it’s from a patient who isn’t going to be alive for much longer, it makes you realise how important the research is. I was actually quite emotional the first time I was given a tumour sample, knowing that it had come from somebody.

My supervisor is very supportive and is really enthusiastic about the research and the Institute is particularly good at sharing ideas so you benefit from everyone’s different expertise. We have weekly meetings where somebody will present their work and we have virologists, immunologists, oncologists and clinicians all within the same room so you can discuss your research. These meetings act as a good sounding board to get advice; it’s good to be able to get guidance from senior scientists. Having a collaborative approach like this saves a lot of time because you can talk to someone and learn from their experiences.

I’m not yet sure what I want to do once I graduate but I think having a PhD can open a lot of opportunities for you. If you want to do a post-doctorate and see what it’s like to be an independent scientist, that’s one option. You can also go and work in the pharmaceutical industry or in other biochemical or medical related industries. There are all the transferable skills associated with a PhD, so there are other career options that you might not typically think of, like teaching, or medical writing or journalism; there are lots of different options.

“I’m not yet sure what I want to do once I graduate but I think having a PhD can open a lot of opportunities... There are all the transferable skills associated with a PhD, so there are career options that you might not typically think of.”
ACADEMIC EXCELLENCE
As a researcher at Leeds, you will be immersed in a research community where you can make breakthroughs happen.

Academic expertise
Your relationship with your supervisor is a key factor when choosing a research degree. Our academics are actively engaged in world-class research and influence national policy and public debate. Many also have widespread practical experience in consultancy and act as advisors to prominent national and international organisations.

Supervisors draw on their own experience to guide your work, give encouragement and advise you on the direction of your research. They will be with you from the development of your research plan, through the creation of your thesis to preparing you for the viva – the final stage of your PhD.

As a postgraduate researcher, you will usually be assigned at least two academic supervisors who will be at the forefront of their discipline and will have the relevant specialist subject knowledge for your project. They will provide support and encouragement, challenge your ideas, offer advice on training and development, review your progress, and provide guidance and feedback on your work.

• We are part of the prestigious Russell Group of 24 research-intensive universities and one of the top 100 universities in the world (QS World University Rankings, 2016).
• The most recent REF placed us in the top 10 universities in the UK for research power. This means you are exposed to the latest research throughout your studies.
• We have been awarded the Queen’s Anniversary Prize, the country’s highest accolade for an academic institution, twice.
• We are part of the White Rose University Consortium, a strategic partnership between three of the UK’s leading research universities, Leeds, Sheffield and York.

“I really enjoy working with PhD researchers. We spend three years together pushing the boundaries of knowledge and develop a close working relationship. I introduce researchers to a network of colleagues and like-minded researchers within and beyond this vibrant research-intensive University.”

Dr Gary Chambers, Associate Professor, School of Education
YOUR RESEARCH EXPERIENCE

The scale and quality of our research gives you the opportunity to be part of internationally important work in a range of subjects. You can work on existing projects such as sustainable food sources and climate change, or conduct your own independent research project. You’ll find all the facilities and support you need to excel during your time here.
**TRAINING AND DEVELOPMENT**

A PhD can be the start of an academic career or a way of developing your skills and expertise, providing a gateway to higher-level roles in industry. Whatever your motivation, it will be a journey which will stimulate your passion for your subject and push you to reach your potential.

The work will be challenging, but we are here to help you succeed and to ensure you enjoy your time with us. You’ll find support is there for each step of your PhD, from induction, through transfer to the final thesis writing and viva.

A PhD at Leeds will equip you with the skills to thrive as a researcher. The professional and career development opportunities available are extensive and can be tailored to your individual needs.

www.leeds.ac.uk/gts

Your personal training plan

Your journey begins with an agreed personal training plan between you and your supervisor that reflects your previous experience and personal and professional aspirations. The plan includes specific research skills but also broader experiences in your PhD such as challenging ideas and public speaking. Your online Postgraduate Development Plan will provide a record of meetings with your supervisors and training you’ve taken as well, and show milestones to keep track of your progress. The plan will take you right through your PhD, from presenting your research at conferences to your thesis submission and viva.

Research skills training

Developing advanced skills such as communication, critical thinking and teamwork is a vital part of your postgraduate experience and essential for career development. We offer an outstanding range of academic development opportunities that will support you throughout each stage of your research. You can access training through a series of workshops, courses and careers guidance, as well as through your department or graduate school.

As a postgraduate researcher at Leeds, you will also have the opportunity to develop new skills and build networks by participating in national and international conferences, publishing your research and provoking academic debate. You may have the opportunity to work with industry on projects and placements, and with large-scale collaborative research partnerships, widening your professional network.

Workshops and professional development

The University hosts a number of workshops on managing and presenting your research. These are opportunities for continuing professional development (CPD) and will ensure you have a well-rounded experience as you progress through your PhD.

Teaching skills

A series of workshops is available for postgraduate researchers and staff with teaching responsibilities. These focus on developing the essential skills required for demonstrating, lecturing, small-group teaching and assessing student work. There are also opportunities to develop your teaching practice through lectures and practical sessions.

Library and IT support

Right from the start you can access our dedicated library and IT provision. We provide specialist support and training for PhD and early career researchers in topics such as literature searching, research data management, open access and using EndNote reference management software to create bibliographies.

https://library.leeds.ac.uk/researcher

We offer a range of free IT training for research staff and postgraduates, developed to meet the needs of researchers.

www.leeds.ac.uk/it

Networking opportunities

Conferences

As a researcher at Leeds you will have opportunities to attend and present at conferences and research events. This allows you to meet and network with colleagues and peers, not only from across the University but also from the wider academic community at national and international events. You will have opportunities to hear about the latest research happening in your specialism and to present your own research findings. Additional funding may be available from your school or faculty to attend conferences and events.

Leeds postgraduate research conference

Each year the University holds a postgraduate research conference to celebrate the outstanding contribution of our postgraduate researchers. The conference includes multiple competitions for postgraduate researchers to enter, with prizes from the Vice-Chancellor. Conference competitions include Postgraduate Researcher of the Year awards, prizes for research posters, the ‘three-minute thesis’ competition and a research image competition.

www.pgrconference.leeds.ac.uk

Worldwide Universities Network

The University of Leeds is a founding member of the Worldwide Universities Network (WUN), a network of 19 research-intensive universities spanning six continents. As a postgraduate researcher, you will be encouraged to participate in collaborative programmes and will have opportunities to be mentored by established experts in your field.

www.leeds.ac.uk/wun

International collaborations

With the support of our Research Mobility Programme, you can choose to pursue a project with an inherently international theme or participate in international conferences, seminars and events. This programme helps postgraduate researchers visit institutional partners across the world and brings international collaborators from WUN to Leeds to facilitate the exploration of new research ideas.

YOUR CAREER

Your research degree will take you to the forefront of your field. You could pursue an academic career, and continue to influence current knowledge for decades to come, or use your cutting-edge research and advanced transferable skills to excel in your professional career.

Whatever future you choose, our dedicated Careers Centre offers a wide range of services designed to assist you in developing your career. Our experienced consultants will encourage and support you and will help you plan the ways in which you can secure your future and compete for employment at the highest level.

For those looking for a career in academia, the Careers Centre offers a range of services designed specifically for early career researchers.

If you are wanting to pursue or further an existing career outside of academia, the Careers Centre can help you market yourself to employers by helping you evidence your skills and personal qualities through CV writing and interview workshops, as well as careers advisor appointments.

If you are interested in real-world enterprise and are thinking about developing your own business start-up, we can provide dedicated support through Spark, our innovative business start-up support initiative. Spark sees business start-up as a career opportunity like any other and self-employment, whether related to your current PhD studies or in a completely different field of expertise, can offer an extremely rewarding career path.

www.leeds.ac.uk/enterprise

Our Alumni Office can put you in touch with Leeds graduates from your chosen industry sector for careers advice through the Leeds Network (see page 28).

You will also benefit from the fact that many national and international employers, including Procter & Gamble, IBM and Unilever visit campus each year.

www.leeds.ac.uk/careerweb
Meenakshi Sarkar
Pictured in front of the powerwall in the School of Computing

I had been working for 18 years when I came to Leeds to do my second Masters in Human Resource Management; I’d previously done an undergraduate degree and Masters in India. It was a big decision to quit my job in the corporate world and to come back to academia. I’d applied to a few UK universities and shortlisted Leeds because of its rankings and its strong reputation for studies into business management.

I hadn’t originally intended to do a PhD, it was the professors from my Masters who encouraged me; they thought that the research I’d done for my dissertation was interesting and that it was something I could take forward. For my PhD I’m researching the employment challenges faced by British Pakistani men who work as taxi drivers and whether they become employed as taxi drivers by choice or because of the many constraints they are faced with in the British labour market.

I’ve attended a number of conferences whilst I’ve been doing my PhD. To help me prepare for speaking I took a course on ‘polishing presentations’ which the University ran. Even though I was used to presenting and public speaking at these, I think this helped me a lot as afterwards, I did a presentation at a conference at the University of Karlstand Sweden and was judged the best presenter.

I’ve learned a lot from attending conferences as you see other people speaking and analyse what they’re doing well, what they’re doing wrong and you can improve your presentation accordingly - it helps you to develop into a more seasoned speaker. Conferences also provide an excellent opportunity to network; you get to meet academics from other universities who are working in similar areas or using research methods that you might not have thought of.

The people I met at a conference at the University of Sheffield led me to become part of a research network, called the migration network that we’re now starting in Leeds. It will bring together academics from across the University who work within immigration to allow us to share our findings, help each other with our research and work more collaboratively. It will allow us to share our findings, help each other with our research and work more collaboratively.

I’m also part of the Centre for Employment Relations, Innovation and Change (CERIC) within the Business School. CERIC is a peer evaluation group, where we share research papers before we submit them for publication; provide feedback on each other’s work and learn how best to write our own papers. We also invite academics from other universities to come and share their research.

“I’m part of CERIC, a research network where we share research papers before we submit them for publication; provide feedback on each other’s work and learn how best to write our own papers. We also invite academics from other universities to come and share their research.”
RESEARCH FACILITIES
Our vibrant single-site campus on the edge of Leeds city centre has all the facilities and services you need to ensure you have the best possible experience during your time here.

Investment in campus
We have all the facilities you’ll need to support and enhance your academic experience, and we’re investing millions of pounds each year to ensure we maintain a first-class learning and research environment. We continue to make major investments in creating an enviable environment in which to live, work and play.

Research facilities
At Leeds, we have a large number of specialist research facilities to ensure you have access to the latest technologies and expertise, including:

- the National Facility for Innovative Robotic Systems
- state-of-the-art visualisation laboratories including a powerwall in the School of Computing
- flight simulators for aviation students
- electron microscopes providing the capability required to visually examine a wide range of materials and assess their performance and quality
- recognised Special Collections, including some of the UK’s most outstanding collections of rare books and manuscripts.

University Library
The University Library is one of the major academic research libraries in the UK, and you will have access to over 2.8m printed books, 500,000 ebooks and more than 37,000 current journal subscriptions, as well as maps, data and images. If we don’t have a publication you need for your research, you can request texts online.

The Edward Boyle Library has a dedicated postgraduate-only research hub. Our research support teams will help you with subject enquiries, and with topics such as managing your research data, developing advanced skills in literature searching and using EndNote software. www.leeds.ac.uk/library

Treasures of the Brotherton Gallery
With more than 200,000 rare books and hundreds of thousands of manuscripts and objects, the Special Collections attract students and academics from around the world. This new gallery displays some of the most remarkable, precious and rare treasures from the Library’s Special Collections and is a valuable resource for researchers across the University. Artefacts include a 4,500-year-old Babylonian clay tablet, William Shakespeare’s 1623 First Folio, a draft manuscript in the hand of a 14-year-old Felix Mendelssohn and a map and compass used by Bertie Ratcliffe, the first prisoner to escape back to Britain from Germany during the First World War.

Stanley & Audrey Burton Gallery
The University has collected works of art throughout its history, commissioning and acquiring pieces that reflect and support its scholarly and educational roles. This history of collecting has created an exceptional collection of European and British painting, drawings and prints, dating from the 17th century to the present day, as well as small collections of sculpture, ceramics, miniatures and photographs. The Gallery displays items from the University Art Collection, as well as innovative contemporary art exhibitions, providing resources and opportunities for events, exhibitions and research projects.

Leeds is the only library to have five of its premier Special Collections awarded ‘designated status’, recognised as collections of outstanding international importance by the Arts Council.

M&S Company Archive
Located on campus, the M&S Company Archive contains more than 70,000 historical items and is a fantastic research tool including business papers, advertising materials and merchandise such as clothing, toys and household items. The partnership the University has with Marks & Spencer offers exciting opportunities for collaboration with industry, and our academics, researchers and students are able to use the collections for research, teaching and learning.

Recent projects include working with M&S on current business issues such as international franchise or diversity and using the archive collection to explore live challenges such as corporate social responsibility, linguistics and print design. The Archive actively engages with research and offers a wealth of primary material to support postgraduate dissertations and longer term research.

Computers and IT
As a postgraduate researcher at Leeds you’ll benefit from having access to:

- extensive computer facilities and wi-fi coverage across campus on the international Eduroam network
- 1,800 centrally provided networked PCs, found in dedicated computer clusters and in most of our cafes; some open 24/7, ensuring you’ll be able to study at a time that suits you
- Office 365 email service, including large quotas and free downloadable Office Pro Plus for students.

There is also specialist software available, depending on your PhD subject area, such as:

- NVivo and Amos, specialist computing and software programmes related to specific subjects such as image analysis software
- AutoCAD, providing comprehensive drafting capabilities in 2D and 3D plus solid modelling
- LabVIEW, a graphical development environment for creating flexible and scalable test measurement and control applications
- mapping and GIS capabilities
- qualitative data analysis.

Language Centre
Our Language Centre offers resources for independent language study and English language courses. We offer pre-sessional English language courses for international students who would like to improve their English and academic study skills to help them prepare for a postgraduate research degree in the UK.

Open to all students, facilities in the Language Centre include the Language Zone. With learning materials in over 45 languages, a dedicated study space, an extensive collection of foreign language films and documentaries and over 50 TV channels in 20 languages, this is an excellent resource for independent language study. You’ll also be able to access free, flexible online language learning through Rosetta Stone, where you can choose from up to 24 languages.

www.leeds.ac.uk/library
**Nafisul Haque**
*Pictured in the scanning electron microscope lab in the School of Chemical and Process Engineering*

I studied in Pakistan for my undergraduate degree and Masters, and I was working there as a lecturer when they offered to sponsor me to do further studies. Doing a PhD was important to me as I wanted to refine my skills and knowledge – I felt it was needed to further my career in academia.

I decided to come to Leeds to do my research into materials engineering and in developing new materials, specifically looking at metastable formation in Ni-Ge alloy, because of the facilities on offer – they have some of most advanced, industry-standard equipment available so I knew coming here would enable me to put the technical knowledge that I’d studied in Pakistan into practice. Leeds was also recommended to me by friends who were already studying here and had told me how excellent the resources are.

For my studies, I use characterisation technique facilities and a specialist technique that involves small batch preparation of alloys via an argon arc-melter and rapid solidification via a six meter drop tube for free-fall processing. This is quite a new research area and, as far as I’m aware, Leeds is the only UK institution to have this equipment. The equipment is highly sophisticated and complicated so my supervisor had to train me before I first used it and watched over me the first few times I conducted tests with it, but I’m now at a level where I can use it by myself.

I’ve been impressed with the library here not just for the books but also for the digital resources they offer; if I need some papers or a chapter from a book, I can download them. That’s really useful for when a new book or research paper comes out. I’ve also attended some of the training courses that the library offers, such as on how to collect data and referencing, which has been helpful for learning how things are done in the UK.

The University provides all the software that I need free of charge; you can even have it installed on your laptop so that you’re not restricted to just working on campus.

I needed OriginPro, a scientific charting and data analysis package. It isn’t a standard piece of software, but all I had to do was put in a request with the IT service and within the day, they had given me the software.

I share an office with six other PhD students and it’s good to have my own desk where I can put and store my stuff. I’ve found sharing an office really supportive; if anyone is struggling with something or is new to using a piece of software, we can help each other.

“I came to Leeds because of the facilities on offer. It was also recommended by friends who were already studying here and told me how excellent the resources are.”
YOUR POSTGRADUATE COMMUNITY

When you come to Leeds, you will join a large and diverse research community tackling the economic, environmental and societal challenges facing the world.

You will meet like-minded people from across the entire University; there are ample opportunities to attend University-wide seminars and events where you can network with academics and fellow researchers and discuss your work.

Many of our postgraduate researchers have their own dedicated workspace in a shared office. You will work alongside researchers, academics and support staff and will quickly become part of the school community. You'll find that you are part of an academic team – with the opportunity to attend social events. There are coffee sessions, providing a relaxed way of networking and sharing ideas related to your research with academic colleagues.

Graduate schools

You’ll be part of a graduate school which will support you and facilitate opportunities for you to interact across schools and departments through conferences, seminars and social events. Staff in the graduate schools will act as key contacts on everything from registration to examinations, and will be able to signpost you to the wide range of pastoral support services available at the University.

Our global community

We offer a wide range of opportunities for you to mix with people from many different countries and cultures, including the Global Café and the World Unite Festival. There are opportunities to explore the UK through organised sightseeing trips and to network with students who share your interests by joining one of our 40 internationally-focused student clubs and societies.

Your alumni community and networks

As a postgraduate researcher, you’ll be able to take advantage of the Leeds Network, our online career networking tool, which gives you the chance to make contact with alumni.

We regularly hold networking events with Leeds graduates who have been particularly successful in their fields and invite alumni back to campus to give career presentations and advice to those who are returning to industry.

Leeds alumni make an important contribution to the life of the University and give back in a number of ways: offering advice to prospective and current students and researchers, talking about their own careers, providing internships, and funding scholarships and other projects to enhance the academic experience at Leeds.

Joining us at the University of Leeds is the start of a lifelong relationship. When you graduate you will automatically become part of our Leeds alumni community of over 240,000 Leeds graduates in more than 180 countries. You will continue to have access to a range of benefits and services, as well as membership of a worldwide professional and social network.

On campus, our alumni can continue to use our libraries, take advantage of the Careers Centre, access Leeds University Union and benefit from a special rate at our indoor sports facility, The Edge. www.alumni.leeds.ac.uk
Our vibrant single-site campus on the edge of Leeds city centre has all the facilities and services you need to ensure you have the best possible experience. If you’re considering relocating to study for your PhD, we’re confident that, with all Leeds has to offer, it won’t be long before you are calling it home.
A GREAT PLACE TO STUDY
We take pride in providing you with a fulfilling academic experience and an active social life to help you achieve a good work–life balance while studying for your PhD.

One of the largest single campus universities in the UK, the University of Leeds has all the amenities of a small town with the added benefit of the city being right on your doorstep.

Leeds University Union
When you study at Leeds you’ll have the chance to become a member of the students’ union, Leeds University Union (LUU), which offers great services, support and opportunities, including a wide range of clubs and societies and lots of places to meet, relax and study.

The Union building is located right at the heart of campus and boasts a variety of shops where you can buy just about everything you’ll need, plus there’s a variety of food outlets too.

Clubs and societies
LUU runs over 300 student-led clubs and societies, bringing like-minded individuals together; joining a society is a great way to meet new people. Whether you want to pursue an existing interest or try something completely new, there is something for everyone – from rugby and chess to stage musicals and skydiving. There are also a number of volunteering opportunities and community projects.

A dedicated society for postgraduates meets regularly, giving you the chance to meet other postgraduate students on campus in an informal setting to relax, share ideas and attend socials and trips in and around Leeds.

www.luu.org.uk

Sport and fitness
Whatever your level of fitness, the University provides excellent opportunities to keep healthy and get active. The Edge is our flagship indoor facility, providing excellent fitness, sport and wellbeing opportunities, all located on campus.

Facilities include:
- state-of-the-art gym with 250 stations, Technogym equipment and Sky TV
- 25m eight-lane swimming pool
- sauna and steam room
- squash courts
- strength and conditioning rooms
- three studios offering over 140 classes per week during term time
- climbing wall.

We have excellent outdoor facilities at Sports Park Weetwood and two dedicated outdoor centres in the Lake District and the Yorkshire Dales.

www.leeds.ac.uk/sport

INFORMATION FOR INTERNATIONAL RESEARCHERS
Leeds has a long history of providing both an inspirational academic experience and excellent support. As one of the most popular destinations in the UK for international researchers, we understand your needs and have dedicated support to help you make the most of your time with us.

Our international student support teams offer specialist international advice and assistance. You can get help with preparing for university life, immigration and other UK regulations, opening a bank account and any further support to help you adapt to life in Leeds. You can ask questions or discuss any worries you may have, or find out about the opportunities on campus.

Welcome and orientation sessions are offered all year round for new international research students, spouses and partners. There are also activities and opportunities to socialise and network with other UK and international researchers and their families.

www.leeds.ac.uk/internationalstudents
Claudia Pollen

Pictured (left) with her supervisor in the sustainable gardens on campus

Whilst studying for my Masters at the University of Antwerp I developed an interest in global value chains, with a particular interest in women workers. My research is trying to understand women’s agency in the floriculture industry in Zambia, but I’m using a global production network approach to it by understanding the choices women make and the context in which they make these choices.

Dr Anne Tallontire is partly the reason why I chose the University for my PhD - I was already familiar with her work on gender from my Masters, and I found that she had also researched the floriculture industry in Zambia. I remember thinking she would be a very good fit for me to work with. Anne is based in the School of Earth and Environment and Dr Polly Wilding, my other supervisor, is based in the School of Politics and International Studies.

Anne and I have a great relationship. She is very approachable and I always feel that if I have a problem, even if it isn’t related to the research, then I can talk to her. We all meet regularly to discuss the next stages in my research and I submit an annual progress report which we work through to make sure I can start a new year. Anne has suggested training courses I should take, sent me readings about things that are happening in the field and helped me to position myself and see where I need to be in my research.

Dr Anne Tallontire

Senior Lecturer in Business, Environment and Corporate Responsibility within the School of Earth and Environment and part of the Sustainability Research Institute, based within the School.

I lecture mostly on the social side of business and impacts at the bottom of the supply chain. I’m interested in worker rights, smallholders and how they benefit from being involved in the global economy – which overlaps with Claudia’s interests.

I think that one of the most important things about supervising researchers is knowing how to praise their work, knowing when to push them for more and when to back off. Claudia came to the University knowing what she wanted to do and sometimes my job is to challenge her ideas and help her reflect because she is a very determined individual. I co-supervise Claudia and we help her contextualise her work, to see it as part of the bigger picture. In her first year I would ask her why she wanted to work with this industry, why her research was different from others and helped her to develop the theoretical background.

When Claudia was conducting field work in Zambia we would have regular Skype meetings, getting her to provide updates on her work, reflect on progress and make suggestions. I think the most important thing is communication, so that you’re all on the same page.

“Dr Anne Tallontire is partly the reason why I chose the University for my PhD. I was very interested in her work and I remember thinking she would be a very good fit for me to work with.”
**Wellbeing and Support**

Your Faculty graduate school will provide you with pastoral support and will be able to signpost you to the wide range of support services available at the University. Our [For Students](www.leeds.ac.uk/supportandwellbeing) website also directs you to our support and information services, making it easier for you to find the right help when you need it.

**Student mental health and wellbeing**

We recognise that there may be times when you might experience stress, emotional problems or upsetting life events that make it hard to cope academically and/or personally. To help you deal with those difficult times, we provide free professional and confidential counselling and mental health support. We also promote emotional wellbeing through groups, workshops, drop-in sessions and web-based self-help. If you have an existing moderate to severe and enduring mental health diagnosis, we have professionals who will help you by providing one-to-one support and developing appropriate support plans.

[www.leeds.ac.uk/wellbeing](www.leeds.ac.uk/wellbeing)

**Support for students with a disability, learning difficulty or long-term medical condition**

If you experience a disability, learning difficulty or long-term medical condition, you’ll be able to access a comprehensive range of support services. We’ll work with you, your school, other University services and any external organisations to help you organise the support you need, including one-to-one support from a disability adviser, modified examination arrangements; extended library loan facilities and access to computers with assistive technology. We have experienced staff who can advise you on sources of funding and eligibility, and help you fill in any forms.

[www.leeds.ac.uk/wellbeing](www.leeds.ac.uk/wellbeing)

**Independent student advice**

Leeds University Union offers a professional and confidential help and advice service. All help is free and completely impartial.

[www.luu.org.uk](www.luu.org.uk)

**Healthcare**

Leeds Student Medical Practice is an NHS practice specialising in all aspects of student health. The practice is located close to campus and, as well as the usual GP services, you can access a wide range of specialist services including sports medicine, travel advice and immunisation, contraception and sexual health services, and asthma and diabetes management.

[www.leedsstudentmedicalpractice.co.uk](www.leedsstudentmedicalpractice.co.uk)

If you require a visa to study in the UK, you will be required to pay an annual immigration health surcharge when you make your visa application, which will entitle you to free health services under the National Health Services (NHS).

[www.gov.uk/healthcare-immigration-application](www.gov.uk/healthcare-immigration-application)

**Childcare**

If you have children, the Bright Beginnings Childcare Centre offers campus-based childcare, which is registered with Ofsted and complies with the early years foundation stage. High-quality care and education is available for children between the ages of three months and five years (preschool) and a playscheme during school holidays for children aged between three and 11 years.

[www.brightbeginningschildcare.co.uk](www.brightbeginningschildcare.co.uk)

**Faith-based support and contemplation**

The University has a number of spaces on campus available for prayer and quiet contemplation, whether you practise a particular faith or not. If you practise a faith, you can be confident that you will be able to follow your beliefs in Leeds and find support and information related to your faith.

**A Great Place to Live**

**Leeds and Yorkshire**

Situated in the middle of the UK, Leeds is also the regional capital of Yorkshire. Our campus sits on the edge of the city centre and a short 10-minute walk will take you to the heart of Leeds. Renowned as a hub for arts, sport, leisure and entertainment, Leeds is a lively, multicultural city. It has everything you would expect from the UK’s third largest and fastest-growing city, and is surrounded by accessible countryside, historical sites and the Yorkshire coastline. With over 60,000 students living within the city boundaries, there’s a real student focus, making it an exciting place to live and learn.

[www.leeds.ac.uk/leedsandyorkshire](www.leeds.ac.uk/leedsandyorkshire)

**Arts and culture**

The city has a vibrant cultural life; it has four major theatres, over 16 museums and galleries and is one of the only English cities outside London with its own repertory theatre, opera house and ballet companies. So whether you are a fan of cinema, opera, live music or theatre, Leeds has something to suit you.

Throughout the year, the city is transformed by outdoor concerts in Millennium Square, street theatre and performance art, various European-themed festivals and markets, and even an ice rink in the winter.

**Shopping**

Leeds is one of the UK’s top shopping destinations and has an eclectic mix of high street favourites, independent boutiques and vintage stores, all within easy walking distance of our campus. From the beautiful architecture of the Victoria Quarter and the Grand Arcade, to the domed roof of Leeds Corn Exchange, Leeds is a true haven for anyone who wants to shop somewhere different. Trinity Leeds is a retail and leisure development in the heart of the city centre, and is home to more than 120 shops, cafes, bars and restaurants.

**Sport**

Leeds has a proud sporting tradition; it was chosen as the host city for ‘Le Grand Depart’, the start of the 2014 Tour de France. Whatever your sport of choice, Leeds is home to famous teams such as Leeds United Football Club, Yorkshire Cricket Club, and Leeds Rhinos and Yorkshire Carnegie rugby clubs. If spectating isn’t enough and you want to get active, one of the country’s biggest real snow slopes is within easy reach, and the city has plenty of gyms and health clubs, including our own fitness complex, The Edge.

**Eating out and entertainment**

Leeds offers an extensive choice of places to eat and drink to suit all culinary tastes and budgets. It is famous as a major centre for entertainment and nightlife, and with an international reputation for music excellence, Leeds’ music scene can be experienced in every corner of the city, every night of the week. Live music venues include the 13,500 capacity First Direct Arena, the O2 Academy, The Wardrobe, Brudenell Social Club and, of course, the University’s Refectory, which, over the years, has played host to some of the world’s most famous bands including The Rolling Stones and The Who.

**Transport links**

Local transport is available throughout the city and its suburbs, providing a frequent service to a number of amenities. Leeds is also well connected to the rest of the UK by affordable, frequent and extensive coach and rail services. You can reach London in around two hours and Edinburgh is just three hours away by train. Leeds Bradford Airport is 30 minutes from campus and Manchester Airport is just an hour away by train or road.
ACCOMMODATION

Leeds is a great place to live, with a varied mix of accommodation on offer. Whether you are looking for family accommodation, a shared house, flat or studio, you will find something to suit your budget.

University accommodation

Our University-owned accommodation is located close to campus and the city centre. We provide a range of different residences and contract lengths as well as flexible payment methods. Our two main residences exclusively for postgraduate and mature students are St Mark’s Residences and Grayson Heights.

Your rent includes all energy charges, internet access, contents insurance and The Edge club membership*. All our accommodation has laundry facilities, a 24-hour security service and you will benefit from pastoral support from our wardens and subwardens.

*Not included in family or summer accommodation; terms and conditions apply.

Our guarantee

We guarantee an offer of University accommodation for your first year to all single postgraduate students who are paying international fees, providing you apply for accommodation before the deadline – 1 July. Late applicants will be allocated University accommodation depending on availability.

If you are a UK or EU postgraduate, we are unable to guarantee you a place in University accommodation but there is plenty of good-quality private housing available in Leeds. For further information on University-owned accommodation and for details on how and when to apply, visit www.leeds.ac.uk/accommodation

If you are bringing your family to Leeds with you, although we do have some family accommodation available, there is a wealth of private housing available in Leeds. We recommend Unipol Student Homes at www.leeds.ac.uk/unipol

Private sector accommodation

If you would rather rent privately, Leeds has a wide range of good-quality private accommodation to suit all lifestyles and budgets.

The city centre offers trendy and smart apartments perfect for city living, while waterside villages such as Holbeck Urban Village, Clarence Dock and Granary Wharf make the most of a relaxing setting only minutes away from the city centre.

Popular with young professionals are suburbs such as Chapel Allerton and Horsforth with their local amenities, bars and restaurants. The student suburbs of Headingley and Hyde Park are just a short walk or bus ride from campus and are favoured by students and academics alike.

The suburbs of north-east Leeds such as Oakwood and Roundhay offer semi-detached and detached family dwellings. These areas benefit from their close proximity to Roundhay Park, comprising 700 acres of parkland, woodland and lakes. Popular with young families are Alwoodley and Adel, both boasting a number of well-performing Leeds schools.

To find out more about relocating to Leeds, visit http://relocate.leeds.ac.uk

Independent help and advice is available on all aspects of private accommodation from Unipol Student Homes, a registered charity that works closely with the University to help students and staff find suitable accommodation, and the independent advice centre in the students’ union.

www.leeds.ac.uk/unipol
www.luu.org.uk
I graduated from my undergraduate degree 10 years ago and then worked for eight years. My job was just about earning money to live, and it wasn’t something that I really enjoyed, so I quit to do a Masters in Film Studies. I loved studying for that so much that I thought “yes, I can do a PhD”.

My main motivation for doing a PhD was to stay in academia; I just love the research side of it. I really enjoyed the independent study for my Masters and a PhD takes that a step further; you get to direct your interest where you want it to go. My research is about film audiences, specifically looking at how audiences understand the films produced by the Walt Disney studio.

I try to treat my research like a nine to five job because you have to be quite self-disciplined. I don’t want to end up working all hours. During busy periods I do sometimes end up working evenings and the odd weekend but I don’t have a problem balancing work and play. Sometimes having a two-hour lunch with a fellow researcher is just as valuable as spending two hours reading, as we’ll talk about any problems we’re having with our work and bounce ideas off each other.

The city is brilliant, especially the cultural side. There are loads of theatres and I regularly go and see plays at the West Yorkshire Playhouse and at the Leeds Grand Theatre – they put on some really good stuff. Then there are all the music events which are fantastic; I’ve been to gigs at various locations, including the First Direct Arena. The International Film Festival is amazing as well.

I’ve found that there are lots of ways to meet other people; you don’t need to worry that you’ll feel isolated whilst studying for your PhD. You’ve got your fellow researchers – there were 10 of us that started at once in my School, and then there are those in their second and third years – and I’ve also met people at training events and through conferences; there are lots of opportunities to network.

Being part of the Postgraduate Society is also a good way to meet other people. Every week there is a postgraduate coffee hour which is a great opportunity to just chill out and take a break from work. We go to a pub quiz once a month and then there are other social events throughout the year. I think sometimes there is a tendency to get blinkered and think it’s all about the work but there is so much more to a PhD.
YOUR STUDY

A research degree programme will provide you with training in relevant transferable and research skills which will support you in gaining expertise in a specialist area. The scale and quantity of our research gives you opportunities to be part of internationally important work in a range of subjects.
WHY STUDY A RESEARCH DEGREE

Studying for a PhD will challenge you intellectually, push you to new levels and help you create new knowledge. It can be hard work, but the rewards are great and by the end you’ll have become an expert in your own area.

Studying for a PhD is for those who are seeking to discover the unknown. You’ll need to be passionate about your specific subject and dedicated to your studies; a full-time PhD normally takes three years, or five years if studied part-time.

A PhD will enable you to conduct your own supervised research and to make your own original contribution to our understanding of the world. A doctorate is one of the highest degrees awarded by universities in the UK. On completion of your studies, you’ll be required to submit a thesis comprising sufficient original material, which is considered suitable for publication, and defend this at a viva voce (oral examination).

You’ll gain valuable transferable skills that will be crucial for whatever career you decide to pursue. You’ll also increase your ability to understand and solve problems, communicate complex information, work independently and as part of a team, manage your time more effectively and gain many other skills employers look for.

Doctorate degrees offered at Leeds

We offer a range of research degrees. Different study modes are available, including full-time, part-time* and split-site study.

*This route is not available to international candidates studying in the UK on a tier 4 student visa.

Doctor of Philosophy (PhD): a PhD is awarded on the successful completion of a programme of supervised research. It is assessed through a final thesis (of up to 100,000 words) and a viva voce (an oral examination).

Doctor of Medicine (MD): the Doctor of Medicine is for fully qualified medical doctors. It is similar to a PhD but often contains a component of clinical research. This degree normally takes two years full-time or three years part-time.

Professional doctorates

Professional doctorates are specifically designed to meet the needs of practising professionals. Although they involve a significant number of advanced courses, a major part of the programme involves undertaking research and preparing a thesis in a similar way to the more traditional PhD. The normal duration is three years full-time and five years part-time. Not all professional doctorates are available on a part-time basis.

Split-site PhD programmes

Candidates of exceptionally high quality are able to apply to study for a split-site PhD, spending some periods of full-time study in Leeds and other periods of study elsewhere (for example, in a research institute or commercial/industrial organisation with a significant research component in the UK or overseas). The degree is awarded by the University of Leeds.

Integrated Degrees of Doctor of Philosophy and Masters (MA & PhD, MSc & PhD)

The integrated degree of PhD and Masters combines specialist advanced courses, training and skills courses, and research study. This integrated approach provides a learning environment in which to broaden and deepen your subject knowledge while providing the opportunity for interdisciplinary study to extend your expertise in new directions. Several of our integrated degrees receive scholarship funding from UK research councils for high-quality students. Integrated degrees normally take four years full-time.

For more information about our research degrees visit www.leeds.ac.uk/pgr/researchdegree

RESEARCH AREAS

This section has been designed to give you an overview of our research areas. It is not an exhaustive list, so if you have a particular interest or an idea for a proposal, you’ll find website details listed under each of our main research areas.

Accounting and Finance

www.business.leeds.ac.uk/phd

- Asset Pricing Models and Financial Markets
- Banking and Investment
- Behavioural Finance
- Credit Management
- Historical Perspectives in Accounting and Finance
- Market Based Accounting and Decision Making
- Organisations: Ownership, Governance and Performance
- Pensions and Employee Benefits

Bioenergy

www.bioenergy.leeds.ac.uk

- Biomass Supply Chain Innovation
- Conversion via Combustion Gasification and Liquidation
- Emissions
- Feedstocks Processing and Safety
- Life Cycle Analysis
- Policy Regulation and Standards
- Products Utilisation and Impact
- Sustainability and Whole Systems

Biological Sciences

www.bbs.leeds.ac.uk/research

- Biomedical Engineering
- Cardiovascular, Sport and Exercise Sciences
- Cancer Research
- Ecology and Evolution
- Heredity, Development and Disease
- Integrative Membrane Biology
- Leeds Omics
- Neuroscience
- Plant Sciences
- Structural Molecular Biology
- Virology

Chemical and Process Engineering

engineering.leeds.ac.uk/chemical/research

- Analytical Science
- Applied Photon Science
- Bioenergy
- Clean Combustion
- Complex Systems and Processes
- Formulation Science
- Functional Materials, Products and Devices
- Industrial Biotechnology
- Innovative Manufacturing
- Low Carbon Energy
- Materials Science
- Molecular, Discrete Element and Fluid Dynamics Modelling
- Nuclear Engineering
- Particulate Products and Processes
- Policy Regulation and Standards
- Process Analytical Technologies and Tomography
- Waste Management and Resource Recovery

Chemistry

www.chem.leeds.ac.uk/research

- Atmospheric and Planetary Chemistry
- Chemical Biology and Medicinal Chemistry
- Colour and Polymer Science
- Computational Chemistry and Chemical Physics
- Crystalisation and Directed Assembly
- Printed Electronics
- Process Research and Development
- Surface Coatings

Civil Engineering

engineering.leeds.ac.uk/civil/research

- Architectural Engineering and Building Physics
- Cement and Concrete Science
- Energy Management and Infrastructure
- Engineering Project Management
- Flow Modelling and Flood Risk Management
- Geotechnics, Geo-energy and Geo-environmental Engineering
- Health and the Built Environment
- Infrastructure Materials
- Non-destructive Testing and Structural Health Monitoring
- Public Health and Environmental Engineering
- Resource Recovery
- Smart Structures and Robotics
- Structural Composites and Performance of Structures
- Sustainable and Resilient Infrastructure
- Sustainable Global Development
- Water and Wastewater Treatment
- Water, Sanitation and Health

Computational Fluid Dynamics

www.fluid-dynamics.leeds.ac.uk

- Environmental Flows
- Geophysical Flows
• Microflows and Heat Transfer
• Particulate Flows, Sediments and Rheology
• Reacting Flows, Mixing and Safety

**Computing**
engineering.leeds.ac.uk/computing/research
• Algorithms, particularly over graphs
• Computational Modelling of Biological Systems
• Data Analytics
• Distributed Systems
• Graphics and Animation
• Logic and Complexity
• Knowledge Representation and Reasoning
• Ontologies and Corpus Linguistics
• Parallel and Functional Programming
• Robotics, particularly navigation and manipulation
• Scheduling
• Scientific Computing, particularly numerical methods
• Spatial Reasoning and Machine Learning

**Dentistry**
medhealth.leeds.ac.uk/dentistry/research
• Biomaterials and Tissue Engineering
• Biomimatisation
• Clinical and Applied Research
• Dental Education Research and Scholarship
• Dental Public Health and Health Services Research
• Microbiology and Cell Biology

**Design**
www.design.leeds.ac.uk/research
• Archiving and Design History
• Art Practice as Research
• Colour and Imaging
• Experience Design
• Fashion and Textile Design
• Textiles and Technology
• Visual Communication

**Earth and Environment**
www.see.leeds.ac.uk/admissions-and-study/research-degrees
• Applied Geoscience
• Climate and Atmospheric Science
• Earth Surface Science
• Geophysics and Tectonics
• Sustainability

**Economics**
www.business.leeds.ac.uk/phd
• Development, Financial Structure and Inequality
• Economy and the Environment
• Education of Economics
• Firm Governance and Economic Democracy
• Firm Strategy, Ownership, and Innovation
• History of Economic Thought and Interdisciplinary Methodology
• Labour Markets and the Organisation of Work
• Macroeconomic and Monetary Theory and Policy
• Political Economy, Applied Public Economics and Public Policy

**Education**
www.education.leeds.ac.uk/research
• Childhood and Youth
• Language Education
• Teaching and Learning

**Electronic and Electrical Engineering**
electronic.leeds.ac.uk/electronic/research
• Autonomous Systems, Sensor Networks and Internet-of-Things
• Bio-nanoelectronics
• Communication Networks and Systems
• Electric Power Systems and Applications
• Medical Robotics
• Microwave and Millimetre-wave Engineering
• Signal Processing for Communications
• Terahertz Electronics and Photonics
• Ultrasonics and Instrumentation
• Quantum Electronics and Quantum Communications
• Wearable Electronics

**English**
arts/research_in_english
• American Literature and Culture
• Critical and Cultural Theory
• Drama and Theatre Studies
• Eighteenth-century and Romantic Literature
• English Language
• Medieval and Early Modern
• Modern and Contemporary (British and Irish)
• New Humanities (Medical, Environmental, Digital)
• Postcolonial Literature and Culture
• Victorian Literature

**Fine Art, History of Art, Cultural Studies, Museum and Heritage Studies**
www.pvac.leeds.ac.uk/research
• Art Markets
• Artists’ Writings and Books
• Continental Cultural Theory
• Critical Curatorial Practices and Contemporary Art
• Critical Heritage
• Critical Humanities
• Critiques of Capitalism (Aesthetics-Politics)
• Feminist Theory, Gender and Visual Studies
• Fine Art Practice
• Global Perspectives of Art/History
• Postcolonialities
• Psychoanalysis and Aesthetics
• Social Histories of Art
• Sound, Voice and Technology

**Food Science and Nutrition**
www.food.leeds.ac.uk/research
• Food Chemistry and Biochemistry
• Food Colloids and Processing
• Nutrition and Public Health

**Geography**
www.geog.leeds.ac.uk/study/phd
• Cities and Social Justice
• Citizenship and Belonging
• Ecology and Global Change
• River Basin Processes and Management
• Spatial Analysis and Policy

**Healthcare**
www.leeds.ac.uk/soh/research
• Decision-making
• Long-term Conditions
• Maternal, Child and Family Health
• Medicines Optimisation
• Mental Health
• Skin and Wound Care
• Workforce

**History and Medieval Studies**
arts/research_in_history
• Colonial and Postcolonial Studies
• Enterprise and Cultures of Consumption
• Health, Medicine and Society
• Identity, Power and Protest
• Medieval Studies
• War and Peace

**International Business**
www.business.leeds.ac.uk/phd
• Conflict and Litigation in International Business
• Corporate Governance in the International Firm
• Cross-Cultural Management and Language
• Foreign Direct Investment in and from Emerging Economies such as China and India
• Global Innovation
• International Strategy and Firm Competitiveness
• Theory of the Multinational Enterprise

**Languages, Cultures and Society**
www.leeds.ac.uk/arts/research_in_languages_and_cultures
• Arabic and Middle Eastern Studies
• Classics
• East Asian Studies
• French
• German
• Italian
• Linguistics and Phonetics
• Russian and Slavonic Studies
• Spanish, Portuguese and Latin American Studies
• Translation Studies
• World Cinemas

**Law**
www.law.leeds.ac.uk/research
• Business Law and Practice
• Criminology and Criminal Justice
• Law and Emerging Technologies
• Law and Social Justice

**Management**
www.business.leeds.ac.uk/phd
• Decision Research
• Enterprise and Entrepreneurship
• Logistics, Information Management, Operations and Networks
• Organisational Behaviour, Learning, Change and Socio-technical Systems
• Strategy, Technology, Innovation and Leadership

**Marketing**
www.business.leeds.ac.uk/phd
• Global Marketing and Export Strategy
• Consumers Behaviour and Branding
• Strategic Marketing
Mathematics
www.maths.leeds.ac.uk/research
• Algebra, Geometry and Integrable Systems
• Analysis
• Applied Nonlinear Dynamics
• Astrophysical and Geophysical Fluids
• Mathematical Biology and Medicine
• Mathematical Logic
• Polymers and Industrial Mathematics
• Probability, Stochastic Modelling and Financial Mathematics
• Statistics

Mechanical Engineering
engineering.leeds.ac.uk/mechanical/research
• Advanced Manufacturing
• Biomechatronics and Robotics
• Corrosion and Erosion-Corrosion
• Datacentres
• Design Sciences
• Energy Efficient Aerospace and Automotive Design
• Engineering Fluids and Micro/Nano-fluidics
• Scale Formation in Oil and Gas Production
• Healthcare Technologies
• Thermofluids and Combustion
• Tribology and Surface Engineering
• Tribology and Tribochemistry

Media and Communication
www.media.leeds.ac.uk/pg/phd
• Cultural Production and Media Policy
• International Communication
• Journalism Studies
• Political Communication
• Visual and Digital Cultures

Medical and Biological Engineering
www.imbe.leeds.ac.uk
• Biomaterials and Tissue Substitution
• Functional Spinal Interventions
• Joint Replacement
• Tissue Engineering and Regenerative Medicine

Medicine
medhealth.leeds.ac.uk/medicine/research
• Applied Health
• Behavioural Sciences
• Biostatistics
• Cancer Biology
• Cardiovascular Medicine
• Elderly Care and Rehabilitation
• Epidemiology

• Gastroenterology
• Genetic Medicine
• Haematology
• Health Economics
• Health Informatics
• Health Sciences
• International Health (systems and services)
• Medical Education
• Medical Imaging
• Molecular Medicine
• Musculoskeletal and Rehabilitation Medicine
• Oncology
• Ophthalmology
• Palliative Care
• Primary Care
• Psychiatry
• Public Health
• Reproduction and Early Development

Music
www.pvac.leeds.ac.uk/research
Making Music
• Composition (acoustic, electro-acoustic)
• Improvisation
• Performance Research (including historically informed performance, editing)

Music and Science
• Music and Wellbeing (health, environment, society)
• Music Technology (history, development, computing, multimedia, instruments)
• Psychology of Music (development, identities, listening behaviour, perception)
• Technologies and Practices of Film Music

Music as Culture
• Critical, Historical and Applied Musicology
• Film Musicology
• Music and Cultural Difference
• Music and Literature
• Popular Music (history, performance, cultures)

Particulate Products and Processes
www.particulates.leeds.ac.uk
• Innovative Manufacturing
• Multiscale Modelling of Particulate Processes
• Nanoparticles and Novel Particle Formulations
• Particle Product Design and Development
• Particle Product Processing
• Process Analytical Technologies and Tomography

Performance and Cultural Industries
www.pvac.leeds.ac.uk/research
• Applied Performance and Social Engagement
• Arts Marketing, Management and Leadership
• Contemporary Opera and Music Theatre
• Creative Entrepreneurship
• Cultural and Creative Industries
• Cultural Policy and Development
• Digital Technologies and Performance
• Engagement and Participation in Theatre and the Arts
• Interactive, Immersive and Participatory Performance
• Performance and Popular Culture
• Performance Making and Composition
• Performer Training
• Phenomenology and Embodied Spectatorship
• Scenography, Costume and Lighting Design

Philosophy, Religion and History of Science
www.leeds.ac.uk/arts/research_in_prhs
• Aesthetics and Philosophy of Art
• Applied Ethics
• Epistemology
• Ethics and Metaethics
• History of Science, Technology and Medicine
• Metaphysics
• Philosophical Logic
• Philosophy of Language
• Philosophy of Mind and Action
• Philosophy of Physics
• Philosophy of Religion
• Philosophy of Science
• Political Philosophy
• Religion and Cultural Heritage
• Religion and Gender
• Religion and Global Development
• Religion and Public Life
• Religion and Social Sciences
• Theological Ethics

Physics and Astronomy
www.physics.leeds.ac.uk/research
• Astrophysics
• Condensed Matter
• Molecular and Nanoscale Physics
• Soft Matter Physics
• Theoretical Physics

Politics and International Studies
www.polis.leeds.ac.uk/research
• African Studies
• British Government
• European Politics
• Global Development and Justice
• International Politics
• International Relations and Security
• International Relations of the Middle East
• Intervention and International Society
• Leadership, Parties and Institutions
• Politics
• Political Theory
• Terrorism and Political Violence
• Thai Politics

Psychology
medhealth.leeds.ac.uk/psychology/research
• Ageing
• Behaviour Change
• Childhood Development
• Health and Wellbeing
• The Nervous System

Robotics
www.robotics.leeds.ac.uk
• Assistive Robotics
• Exploration
• Robotic Therapies
• Surgical Technologies

Sociology and Social Policy
www.sociology.leeds.ac.uk/research
• Disability
• Ethnicity, Racism and Migration
• Family, Life Course and Generations
• Gender, Sexuality and the Body
• Health and Technology

Transport
www.its.leeds.ac.uk/courses/phd
• Economics and Discrete Choice
• Safety and Technology
• Spatial Modelling and Dynamics
• Sustainable Transport Policy

Work and Employment Relations
www.business.leeds.ac.uk/phd
• Between Professions and Precarity: the New World of Work
• Changing Structures of Governance and Organisation
• Employment, Skills and Occupations
• Labour Mobility, Migration and Citizenship
• Markets, Flexibilisation and Social Protection
• Voice, Representation and Social Movements
Manuel Ojeda Cabral
Pictured in front of the Parkinson Building

I finished my PhD at Leeds and I’m now working as a Research Fellow in the Institute for Transport Studies (ITS). I studied my undergraduate degree in Economics at the University of Las Palmas de Gran Canaria in Spain. At the end of the degree my professor recommended the University of Leeds for the kind of specialisation that I wanted to do as a Masters. I enjoyed the research part so much that I decided to do my PhD here too.

I was lucky enough to get a scholarship from Leeds University Business School (LUBS), so my PhD was split between LUBS and ITS. I had the benefit of getting support from both schools, as well as more exposure to research that was very different from my own.

My research investigated the value of travel time savings, which is often a trade-off between money and time. For example, discovering how much more a person would pay to get from A to B in a shorter amount of time. The government use this when considering whether the time saved through new transport projects will be beneficial for society. Economics is not only about money.

Towards the end of my PhD the opportunity came up to collaborate on a project the Department for Transport had commissioned, which related to the value of travel time. Out of the project I heard that ITS needed a Research Fellow in the same field for one year, and I got the job. I really enjoyed sharing my research with others and during my PhD so I took the opportunity to present at different conferences all over the world. It was a great way to network and get good feedback and recognition. I also got the chance to teach and was able to - after initial training - run seminars on economics, microeconomics, and econometrics.

I always knew I wanted to work at a university after my PhD because they give you the highest level of opportunities to be creative, develop your own ideas, and do interesting research on new things. As a Research Fellow I’ve taken lectures for a course I really enjoy and I’m involved in several projects within ITS; some of them are very closely related to my PhD.

It’s easy to get caught up in research, something that I found a lot in the beginning of my PhD. This is why I’ve always made an effort to have a good work-life balance. I was part of many Leeds University Union societies, like OperaSoc and the ballroom and Latin dancing society - which I still do as a member of staff.

“It’s easy to get caught up in research, something that I found a lot in the beginning of my PhD. This is why I’ve always made an effort to have a good work-life balance.”
FINANCE AND FUNDING
Postgraduate research study is a major investment in your future but there is support available to help ease the financial pressure.

Scholarships
The University and external funding bodies such as research councils offer a range of scholarships to home, EU and international students that cover full or partial course fees and/or maintenance payments. We also have a range of scholarships available for the study of specific projects through our Centres for Doctoral Training (CDTs) and numerous awards from individual departments and faculties.

We maintain an extensive portfolio of postgraduate scholarships for international and home/EU students. Scholarships are awarded on the basis of academic merit and are very competitive, so it is important you make enquiries and apply to all relevant sources as early as possible.

Scholarships funded by the University, faculties, schools and external agencies are available to new international students each year. If you are coming to study here from overseas you should also contact your own government agencies, as there may be educational support schemes available which provide funding to study in the UK.

Our postgraduate scholarships website gives you access to a searchable database of all University postgraduate research funding opportunities at Leeds. You can search according to your nationality, subject and by area of study.

To search the database or check individual award values and eligibility visit www.leeds.ac.uk/pgscholarships

Alumni bursary
If you are a former undergraduate or Masters student from the University of Leeds and you are studying for a full Masters or research degree, you may be eligible for a 10% alumni tuition fee bursary. To check the latest eligibility criteria and deadlines visit www.leeds.ac.uk/alumnibursary

Funding for doctoral training
Our CDTs offer funded PhD opportunities alongside intensive researcher and professional skills training for home and EU candidates. International candidates are welcome to apply but are advised to contact the relevant centre for further information on their funding eligibility.

It’s also worth checking with each centre to see if any additional scholarships are available. For further information visit www.leeds.ac.uk/pgscholarships

Other financial support
Research Council funding
Every year the University of Leeds receives significant investment from the research councils to fund new postgraduate scholarships (both Masters and research). Candidates should check the relevant research council website for further information. www.rcuk.ac.uk

Trusts, charities and foundations
There are many trusts, charities and foundations that award partial funding for postgraduate study. There are huge numbers of applications for these sums of money, so you’ll need a strong case to make a successful application.

Useful external sources:
www.findaphd.com
www.postgraduatestudentships.co.uk
www.prospects.ac.uk
www.britishcouncil.org
www.researchresearch.com
www.postgraduatesearch.com
www.jobs.ac.uk
jobs.theguardian.com

Services for international sponsors
If you’re an international sponsor looking to provide funding for a Leeds researcher, we offer a number of specialist services to help you monitor and manage the progress of your sponsored student. Our dedicated team provides a fast and efficient response to all requests, support for campus visits, and liaison on finance, accommodation and graduations. To find out more about our services, email the International team at internationaloffice@leeds.ac.uk

Fees
For up-to-date fee information visit www.leeds.ac.uk/pgfees

Fees quoted are based on full-time study and apply for each year of the course. If you are studying part-time, the fee is normally adjusted based on the proportion of the course studied each year, but this is not always the case so please check with the admissions team.

International fees are fixed at the point of entry and will not rise in subsequent years of the course. This means you can more easily plan your finances at the outset.

Self-supporting students can pay fees in full at registration, or in two instalments – 50% payable at registration and 50% payable by direct debit – from a UK bank account approximately five months after your start date.

In addition to academic fees, you will need to budget for living costs. The cost of living in Leeds is relatively low compared to other UK cities and will vary depending on individual lifestyles and travel commitments.
Our online admissions system allows you to track your application at each stage of the process. Before you apply, we suggest you take time to read the following application steps and check the admissions process and requirements for your particular research areas.

**Step 1:** Explore the research interests at Leeds to find out what projects and research areas are available. You can choose an existing research project or start your own.

If you would like to start your own research project, we recommend you are up to date with related literature and news so you are ready to discuss the direction you intend your research to take with your potential supervisor. You need to identify the supervisors available to work with you. They must be experts in the topic you are interested in to ensure that your research is accurate and adding to current knowledge. You will then need to develop a research proposal for your application. Visit our faculty and school websites to narrow down your research area.

**www.leeds.ac.uk/faculty**

**Step 2:** Submit an application for postgraduate research study online.

Contact your graduate school and ask if they have any special application requirements. When applying, it is important that you state clearly the intended project or programme. Ask if you need to submit a research proposal with your application.

**www.leeds.ac.uk/pgr/apply**

**Step 3:** Submit supporting documentary evidence (academic transcripts, reference letters, English language certification) alongside your application.

The supporting documents your school needs to process your application may vary but you must provide copies of your academic transcripts or certificates.

You may also need copies of:
- your CV
- a research proposal
- English translations of your academic transcripts
- English language qualification certificates
- visa and immigration documents.

Please note that the offer of a place of study does not imply that you will receive funding. You should contact the relevant school or faculty admissions office for information on available start dates.

**References**

You need to submit a minimum of two academic references in support of your application (please also check the requirements for your graduate school). The names and contact details of your referees should be entered in the referees section.

**Research proposal**

Some faculties require a brief description of the general research area you are interested in or a specific research proposal. Be aware that the faculty may have deadlines for your proposal so be sure to ask before you apply. Your research proposal is submitted via the application form.

As a general guidance, your proposal should be approximately 1,000-2,000 words and should explain:
- Your proposed research issue or question. What do you want to find out? Your central research issue or question usually forms your provisional title. (Avoid questions that lead to descriptive answers.)
- An explanation of why you are interested in researching it. What makes this issue worth researching? If your application is for a PhD, you need to think about how you can indicate the originality of your proposed research.
- How does it bring new knowledge to the field?
- A list of sub-questions or issues you will investigate. What questions will you need to ask along the way to answering your central research question or addressing your central research issue? These questions may form a series of steps that will lead you forward through your research.
- Some idea of the methods you think you may employ in your research and the kinds of data you will require. What do you need to do in order to find answers to your questions? As part of defining your research clearly, you need to outline appropriate methods that will enable you to achieve your goal.
- Indicative timetable for your research degree. How do you intend to do this research in the time allocated? Give a sense of how your plans are suitable and realistic for completion within the prescribed duration of your studies.

You may not need to provide a research proposal if you are applying for a pre-defined project studentship or CDT programme, but please check when applying.

**Entry requirements**

You should hold a first-class or upper second-class honours degree, or equivalent qualification, in a subject relevant to your proposed field of research. If your first language is not English, you must also provide evidence of meeting the University's minimum English language requirements:
- IELTS with a score of 6.0 (with not less than 5.5 in any component)
- TOEFL (IBT) with 87 overall (with not less than 20 in listening, 20 in reading, 22 in speaking and 21 in writing).

Other qualifications may be acceptable; contact the individual school or department for further information. Please note that some schools and departments may have requirements above the stipulated minimum. Find out more at **www.leeds.ac.uk/pgr**

**International applicants**

We understand that applying for a UK research degree is different from applying for degrees in other countries and that you may require additional help with your application.

We have a network of offices and agents around the world that can assist you with your application. You can arrange to meet our consultants about your application and to discuss the research opportunities available to you. Information on how to contact our offices and agents, or when a member of staff will be in your country, can be found at **www.leeds.ac.uk/visitstoyourcountry**

**Specialist advice is available on immigration issues (including visas and working in the UK during and after studies), opening bank accounts, adjusting to a new culture and support for students with families. Many of our international postgraduate researchers bring their families to Leeds, where they join a vibrant community of international families with children of all ages. The international student support teams will help you in checking how visa rules and regulations affect your family and will also provide information on access to healthcare and education for your dependants.**

**www.leeds.ac.uk/immigration**
A vibrant city surrounded by countryside, Leeds is at the heart of the UK. In addition to excellent bus and rail services, the nearest international airport is just 30 minutes away. For full details on how to get here by train, bus, car and air, visit [www.leeds.ac.uk/howtofindus](http://www.leeds.ac.uk/howtofindus).

### Maps: How to Find Us

A vibrant city surrounded by countryside, Leeds is at the heart of the UK. In addition to excellent bus and rail services, the nearest international airport is just 30 minutes away. For full details on how to get here by train, bus, car and air, visit [www.leeds.ac.uk/howtofindus](http://www.leeds.ac.uk/howtofindus).

#### City Distance Minimum travel time by train

<table>
<thead>
<tr>
<th>City</th>
<th>Distance</th>
<th>Minimum travel time by train</th>
</tr>
</thead>
<tbody>
<tr>
<td>York</td>
<td>24 miles</td>
<td>22 minutes</td>
</tr>
<tr>
<td>Manchester</td>
<td>42 miles</td>
<td>54 minutes</td>
</tr>
<tr>
<td>Newcastle</td>
<td>96 miles</td>
<td>1hr 27 minutes</td>
</tr>
<tr>
<td>Birmingham</td>
<td>118 miles</td>
<td>1hr 55 minutes</td>
</tr>
<tr>
<td>London</td>
<td>195 miles</td>
<td>1hr 59 minutes (King's Cross)</td>
</tr>
<tr>
<td>Edinburgh</td>
<td>206 miles</td>
<td>3hrs</td>
</tr>
</tbody>
</table>

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HOW TO FIND US IN LEEDS
Located at the very heart of the UK, Leeds is one of the country’s most accessible cities. Our campus is just a short walk from the city centre and all the attractions and amenities it has to offer, including theatres, bars, restaurants, bus and rail stations and more.
www.leeds.ac.uk/citylife
Key locations

Eating and drinking
- Refectory 29
- Union (LUU) shops and bars 32

Libraries
- Brotherton 59
- Edward Boyle 83
- Health Sciences, Worsley Building 95
- Laidlaw 63

Main lecture theatres
- Conference auditorium 100
- Roger Stevens 89
- Rupert Beckett 78
  (in Michael Sadler Building)

Sport
- The Edge 101
- Gryphon 17
- Cromer Terrace Studio 27