

The background of the entire page is a photograph of the Cardiff University building, featuring large white classical columns. Two banners hang from the building: a blue one on the left and a red one on the right. In the foreground, three students (two women and one man) are sitting on a stone ledge, engaged in conversation. The man is on the left, wearing a blue denim shirt. The woman in the middle has long dark hair and is wearing a light blue denim jacket. The woman on the right has brown hair and glasses, wearing a grey sweater. The blue banner on the left has the Cardiff University logo at the top and the text 'Cardiff University' below it. The red banner on the right has the text 'Proud to be a top 100 university' and 'world top 100 university' in white, with 'top 100' and 'world top 100' in a larger font. At the bottom of the red banner, it says 'Top 10/Top 100 Academic Ranking of World Universities 2017'.

CARDIFF  
UNIVERSITY

PRIFYSGOL  
CAERDYDD

Cardiff University

Proud to be a top 100 university  
world top 100 university

Top 10/Top 100  
Academic Ranking of World Universities 2017

# Cardiff University **Postgraduate** Prospectus 2019

[www.cardiff.ac.uk/postgraduate](http://www.cardiff.ac.uk/postgraduate)



# Proud to be a **top 10 UK** and **world top 100** university

Source: Academic Ranking of World Universities 2017





# Welcome

At Cardiff University we aim to be a world-leading, research-excellent, educationally outstanding university, driven by creativity and curiosity.

We value the contributions that our postgraduate students make to the University and its aims, and seek to offer a challenging and supportive environment in which you can achieve your personal goals.

We look forward to welcoming you to Cardiff in the near future.

“ Studying at Cardiff University has been such a rewarding experience, both academically and socially. I wouldn't have continued into postgraduate study had it not been for the expert guidance and encouragement from the faculty at Cardiff. The staff have been very supportive and have propelled me on in my ambitions of a successful academic career. Living in Cardiff has been really beneficial to my studies as the facilities and libraries are excellent. Cardiff also has a vibrant arts and literature scene and great venues for experiencing all that the city has to offer.

Ameila, MA English Literature

”

## Important legal information

The contents of this prospectus relate to the Entry 2019 admissions cycle and are correct at the time of going to press in June 2018. However, there is a lengthy period of time between printing this prospectus and applications being made to and processed by us, so please check our website before making an application in case there are any changes to the course you are interested in or to other facilities and services described here.

Where there is a difference between the contents of this prospectus and our website, the contents of the website take precedence and represent the basis on which we intend to deliver our services to you.

Any offer of a place to study at Cardiff University is subject to terms and conditions, which can be found on our website [www.cardiff.ac.uk/offerterms](http://www.cardiff.ac.uk/offerterms) and which you are advised to read before making an application. If you are not able to access information online please contact us:

Email: [postgradenquiries@cardiff.ac.uk](mailto:postgradenquiries@cardiff.ac.uk)

Tel: +44 (0)29 2087 0084

Your degree: Students admitted to Cardiff University study for a Cardiff University degree

[www.cardiff.ac.uk/offerterms](http://www.cardiff.ac.uk/offerterms)



# Over 8,500 postgraduates from more than 100 countries

Source: HESA Student Record 2016/17





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Cardiff is a prosperous and attractive city, bounded by an historic waterfront area on one side and beautiful countryside on the other, and with good public transport links.

The Complete University Guide  
2017

”

## Top 3 capital city for quality of life

Source: Most recent European Commission Quality of Life in  
European Cities Survey



# Cardiff – a Capital City

Cardiff is a thriving and attractive city which is widely recognised as an outstanding place in which to live and study.

Cardiff caters for many tastes, offering everything from the excitement of the city to the peace and tranquillity of the nearby coast and countryside. The quality of the 'Cardiff Experience' is such that the city is widely recognised as an outstanding place in which to live and study.

## A City with Character, Heritage and Ambition

Cardiff combines all the advantages of a compact, friendly and inexpensive location with the cultural and recreational facilities of a modern capital city.

Cardiff has a distinctive character, a good quality of life, and a growing national and international reputation. It hosts numerous major sports, arts and cultural events and, as the capital city of Wales, it is home to many national institutions. These include the National Museum Cardiff and the 74,500 seat Principality Stadium, home of Welsh rugby.



Cardiff has an abundance of urban green spaces. Our parks and gardens reach right into the heart of the city, with extensive areas of peaceful parks and gardens close to the city centre.

## Vibrant City Life

When it comes to entertainment, Cardiff is well-equipped. In addition to the facilities provided in our Students' Union, there are a multitude of cafés, pubs and nightclubs a short distance from the main University buildings.

The world-acclaimed Welsh National Opera is based in Cardiff, while for those who prefer drama, Cardiff has two thriving theatres and a large well-established arts centre. There are also comedy clubs and several multi-screen cinemas in the city centre. Concerts to suit all tastes are held at the world-class Wales Millennium Centre, the Motorpoint Arena and St David's Hall.

Cardiff Bay is regarded as one of the most successful regeneration projects in the UK, a modern development of homes, shops, bars, restaurants, offices, an entertainment complex, visitor attractions, sport facilities, the Wales Millennium Centre, the distinctive Roath Lock, the BBC TV production studio, and the National Assembly for Wales, all surrounding a huge freshwater lake.

The city is one of the UK's best shopping destinations with the St David's Dewi Sant Shopping Centre standing alongside pedestrianised shopping streets, indoor and outdoor markets and a fascinating network of glass-canopied Victorian and Edwardian shopping arcades.

## Sport for Everyone

Cardiff is one of the UK's major sporting centres with facilities and events to please both competitors and spectators. The Cardiff City Stadium is home to Cardiff

City football team 'the Bluebirds', while rugby is played at the famous Cardiff Arms Park and first-class cricket (including international matches) takes place at the SWALEC Stadium. The atmosphere in the city on an international match day is one not to be missed! The city boasts one of currently only 10 Olympic-sized swimming pools in the UK, a white water rafting and canoe centre, an ice rink and facilities to play a range of other sports.

## Beyond Cardiff

The surrounding countryside offers attractive scenery and opportunities for all kinds of outdoor pursuits, such as hiking, rambling and rock climbing.

The coast is easily accessible with the Wales Coast Path, which is recognised as having national importance for its outstanding scenery, wildlife and historic features.

The Brecon Beacons National Park includes four distinct mountain ranges.



# Teaching and Facilities

Teaching and learning take place in an environment which enables interaction with academics at the forefront of research knowledge and creates a stimulating environment for study.

Our teaching has received robust endorsement from the Quality Assurance Agency for Higher Education (QAA). The QAA audit confirmed that prospective students and

employers can have confidence in the quality and standards of our teaching and awards.

Our teaching and learning at postgraduate level encourages the development of higher

levels of subject specific and transferable skills, independence and teamwork, which are all attributes valued by employers.

## Languages For All

Language learning opens doors to new experiences, expands your networks and improves your employability.

We offer a flexible and innovative choice of study options designed to fit with your



degree, so that you can learn a new language or develop your existing skills. We provide weekly short courses, as well as autonomous learning for further practice or independent study.

Our programmes use the latest technology and teaching methods to ensure that you are able to make the most of your language learning at the times and the places that best suit you.

Courses are currently offered at a variety of levels in:

- Arabic
- Italian
- German
- Russian
- Mandarin Chinese
- French
- Japanese
- Spanish
- Portuguese

Students can also study Welsh through the 'Welsh for All' provision.

### Erasmus+

Erasmus+ is an exchange programme which allows you

to receive a grant to study or work in a European country for 2-12 months, as part of your postgraduate degree, subject to agreement from your Academic School.

The Erasmus+ programme is an exciting opportunity to become immersed in a different culture, make new friends and improve your language skills.

### IT Facilities

Our modern IT facilities enable easy access to a range of support, tools and resources to support your study and research. The University-wide wireless network covers University buildings and our owned residences.

The University network provides you with access to a wide range of software applications and collaboration tools. Your University username and password enable you to access online resources and services, including email and networked file storage. You will also have a free subscription to Microsoft Office 365 products (Microsoft Office ProPlus) for the duration of your studies.

Open Access IT rooms across the campus, some of which are open 24 hours a day, 7 days a week, are freely available for you to use. The IT Service Desk provides IT help and advice, and support is available 24/7.

The Cardiff Supercomputing Facility provides high performance computing services for our researchers and research students.

### Libraries

Our modern libraries are welcoming, comfortable and offer a wide range of information resources in print and online.

We provide a flexible study and research environment, with study spaces to suit all learning needs, and long opening hours, including evenings and weekends throughout the year and 24/7 opening in our two main sites.

There are more than 1.3m printed books in the library collection and an extensive range of online resources including eJournals, eBooks, indexes, databases, statistical collections and full text archives. Research students, in particular, benefit from an extensive range of specialist collections.

### Continuing Professional Education

We offer a vast range of part-time courses in a variety of subject areas. Courses are offered in the daytime, evening and at weekends to suit busy postgraduates who wish to enhance their CV, improve business/project management skills or would like to broaden their learning experience.







## **Top 5 UK university** for research quality

Source: Research Excellence Framework 2014

# Research

Advancing our understanding of dementia, working with the Laser Interferometer Gravitational Wave Observatory (LIGO), and shaping the society in which we live; our researchers are helping to create a stronger, healthier and more sustainable world.

We are a member of the Russell Group – the UK's 'Ivy League' of leading research universities.

We were ranked 5th among UK universities when judged on research quality and 2nd on research impact in the most recent Research Excellence Framework (REF 2014). 87% of our submitted research was rated as world-leading (4\*) or internationally excellent (3\*) – the top two categories of assessment. Notably, 15 out of 27 of our academic disciplines were rated in the top 10 on quality. This national assessment exercise, undertaken periodically by the UK funding bodies, confirmed our place as a world-leading centre of research excellence.

Our health and biosciences research embraces laboratory science through drug development to major clinical trials. We investigate the natural world, with research that brings direct improvements to ecosystems around the globe. Instruments designed here are probing the furthest reaches of space, as well as the ocean floor and beneath the earth's crust.

Research into climate change is complemented by work to find sustainable alternatives to industrial processes and energy production, while our computer scientists are delivering

innovation in fields such as cyber security, biodiversity management and engineering design.

Our nine flagship Research Institutes bring together academic talents from across a range of disciplines to tackle some of the biggest challenges facing society, the economy and the environment.

The impact of our research continues to reach far beyond the journals in which it is published. Our expertise puts us in demand with policy-makers, non-governmental organisations and industry alike.

In recent years, we have won circa. £121m per annum in new research grants and contracts.

This research excellence benefits both postgraduate taught and research students, who are able to study in a vibrant, research-intensive environment where academic staff are among the leading scholars in their field.

- **5th in quality** among UK universities
- **2nd in impact** among UK universities
- **87% of our submitted research** was rated as world-leading or internationally excellent.

## Research Excellence Framework (REF) 2014: Overall ranking of universities (Top 30):

Rank	University	Grade Point Average*
1	Imperial College	3.36
2	LSE	3.35
3	University of Oxford	3.34
4	University of Cambridge	3.33
<b>5</b>	<b>Cardiff University</b>	<b>3.27</b>
6	KCL	3.23
7	University of Warwick	3.22
8	University College London	3.22
9	London School of Hygiene and Tropical Medicine	3.20
10	Queen Mary University of London	3.18
11	University of Edinburgh	3.18
12	University of Bristol	3.18
13	University of Sheffield	3.17
14	University of Bath	3.17
15	University of York	3.17
16	University of Manchester	3.16
17	University of Southampton	3.15
18	Lancaster University	3.15
19	University of Durham	3.14
20	University of St Andrews	3.13
21	University of Leeds	3.13
22	University of East Anglia	3.11
23	University of Glasgow	3.10
24	Swansea University	3.09
25	Royal Holloway, University of London	3.09
26	University of Nottingham	3.09
27	Newcastle University	3.09
28	University of Exeter	3.08
29	University of Birmingham	3.07
30	Cranfield University	3.07

REF is a major assessment of research undertaken periodically by the UK funding bodies. The results are ranked in a number of ways, one of the most common being 'Grade Point Average' (GPA). GPA is a measure of the overall or average quality of research. It is calculated by multiplying the percentage of research in each of the five quality categories (4\* to 1\* and unclassified) by its rating, adding them all together and dividing by 100. Further information about REF is available on our website.



# Doctoral Academy

- ▶ A central source for doctoral students to access a comprehensive range of workshops and support, to help progress their research and develop their careers
- ▶ Regular interdisciplinary activities enable a network of researchers and a stimulating research environment
- ▶ Annual student-led conferences and other research showcase events
- ▶ Guest speakers such as Hugh Kearns, writer of 'The Seven Secrets of Highly Successful Research Students'
- ▶ Access to a nurturing community of postgraduate researchers helping you develop links outside of your specialism and with local industry
- ▶ Overall satisfaction with the research degree is significantly above the sector average (PRES 2017) (85% compared to 82% for the sector)
- ▶ We outperform the sector in all thematic areas, with particular strengths in 'resources to support research' and 'progress and assessment'.



Undertaking Doctoral Research is intellectually stimulating, challenging and unlike other forms of study at the University. For that reason, the Doctoral Academy runs 'Starting Out' induction sessions in November and at each of the additional enrolment points (January, April and July). These events will introduce you to the nature of a research degree, to the support available for your research and career development and to other research students, who will become your friends, colleagues and perhaps even collaborators. The research and professional skills development programme offered by the Doctoral Academy has several elements: formal training workshops, careers events, community events and student-led activity.

### Supporting the Researcher Journey

Topics include a range of research skills, which complement the training provided at Academic School and research group level, as well as broader areas of research management and professional development.

The focus of our programme is:

- Transition
- Acquisition
- Completion
- Employment

This enables us to support our researchers on their journey as new researchers, helping build confidence, skills, persistence and a fulfilling career.

An increasing number of topics are offered via online courses or videos, available to researchers whenever they wish to access them.

### Interdisciplinary and Funding Opportunities

In addition to courses, the Doctoral Academy enables researcher development by providing opportunities for involvement in student-led conferences, and offering funding for student-led interdisciplinary activities. Nearly £10,000 has been awarded to this year's researchers to enable them to gain experience and develop skills by running their own events and initiatives.

There are also public events to showcase doctoral research such as 'Images of Research' and the 'Three Minute Thesis'. These help researchers practice communicating their research in an accessible and practical way which is crucial to successfully utilising your PhD.

### Access to GW4 Resources

Cardiff University is part of the GW4 Alliance which enables us to offer our researchers access to specialist, flagship equipment across the West including Bath, Bristol and Exeter Universities. We are also a part of the GW4 Doctoral Student Training Scheme helping us to provide our researchers with the opportunity and funds to develop discipline specific training.

### Doctoral Training Programmes

As a world-leading, research intensive university, we are involved in a range of dedicated doctoral training programmes. Funded by the UK Research Councils or charitable organisations, these programmes offer excellent postgraduate research opportunities, spanning many of our areas of research excellence.

We are also currently leading or participating in a range of specific doctoral training initiatives, such as UK Research Council sponsored Doctoral Training Partnerships (DTPs) or Centres for Doctoral Training (CDTs). These initiatives bring together a consortium of key universities and also other research, industrial and third sector organisations.

There are also fully funded studentships available helping cover tuition fees, living costs, and some research training grants. For current opportunities go to [www.cardiff.ac.uk](http://www.cardiff.ac.uk) and search **doctoral training initiatives**.





# 94% of postgraduates were **in employment and/or further study** six months after graduation

Source: DLHE Survey, 2015/16



“

Completing a postgraduate qualification at Cardiff University can equip you with various skills and attributes that would support your application to a professional services firm like PwC. Experiences from your postgraduate qualification in Cardiff can help you to stand out in our application process and increase your chances of success.

Jennifer, Senior Associate Student Recruitment, PwC

”

# Careers and Employability

Whatever the stage of your career journey, our Careers and Employability team are here to support you in achieving your goal.

In Graduate Market 2018, Cardiff ranked within the top 25 for universities targeted by the largest number of top employers in 2017-18. We also feature in the top 25 universities targeted by The Times Top 100 Graduate Employers.

- **94.4%** of our UK, full-time, Postgraduate Research students were in employment and/or further study six months after graduation (DLHE survey 2015/16)
- **94.0%** of our UK, full-time, Postgraduate Taught students were in employment and/or further study six months after graduation (DLHE survey 2015/16)

Our Careers and Employability team offer a wide range of services to support you with your career development during your time at Cardiff University and beyond:

- **Explore your options** and find out where your postgraduate study can lead you by researching your ideas on our online Careers Advice webpages:  
[www.cardiff.ac.uk/careers-advice](http://www.cardiff.ac.uk/careers-advice)

- **Work closely** with your subject specific Careers Adviser and Employability Officer to plan your career and prepare you for the recruitment process into your desired industry.
- **Attend our many careers fairs**, employer presentations and employer-led workshops covering topics such as career planning, CVs, applications and interviews. We have hundreds of employers on campus throughout the year who are looking to recruit Cardiff University students.
- **Access over 2000** registered employers on the Cardiff University Jobs Board. You can narrow your search criteria by job sector, location and salary to find opportunities that suit you.
- **Build your experience** with paid graduate internship opportunities provided by our Work Experience Team, register when you enrol.
- **Bring your ideas to life** with support from the Enterprise team to nurture your idea for a business, social enterprise or freelance work. Access tailored support to help start or grow your business with 1:1 mentoring, access to funding and office space. You can attend weekly workshops on a variety of topics including investment, crowdfunding, digital marketing, networking, pitching and more.

- **All students have access** to a careers account, where you can search graduate employment opportunities with organisations recruiting directly from Cardiff University, book events and access our wealth of career resources.

## International Students

Our Careers Advisers are on-hand to provide support, resources and guidance to help you research career pathways and opportunities in the UK and your home country.

We also have specialist events and information resources to help our international students explore their career options in the UK, at home and overseas after graduation.

## Employers

Here are just some of the employers our postgraduates have been able to secure employment with:

Admiral, Atkins, BAE Systems, BBC, Bloomberg, Cap Gemini, Citibank Group, Deloitte, Eversheds, EY, GE Healthcare, HSBC, IBM, Jaguar Land Rover, Microsoft, NHS, Office for National Statistics, PwC, Sky News, TATA Steel and the UK Government.



# Student Services

At Cardiff University, we have a range of services dedicated to helping you to make the most of student life.

It is important to us that our students feel that they have the support they need in order to thrive during their time with us. We provide six main areas of support to postgraduates.

The **Advice and Money** team offers free, impartial, non-judgemental and confidential advice, face-to-face, over the phone and by email. This service is available to prospective and current students in relation to a range of issues, including extra funding, bursaries, fees,

loans, debts, childcare, housing, academic matters and other welfare issues.

The team offers financial advice on funding, benefits and placement year funding, in addition to overseeing financial support services for students experiencing money issues. A variety of support is available for students with financial difficulties, including the Financial Assistance Programme and Hardship funds.



The **Counselling, Health and Wellbeing** team offers confidential counselling and wellbeing support to students who wish to discuss matters of a personal or emotional nature which impact on their ability to study. Support is provided on an individual or workshop basis and is supported by self-help material.

The service works to the British Association for Counselling and Psychotherapy ethical framework.

For students experiencing health concerns during their course, a referral to the Student Occupational Health Service may be suggested. This confidential service will deliver an assessment and identify adjustments which may be needed on medical grounds to assist you to meet your academic and/or placement requirements.

The Disclosure Response Team are specialist University staff who are trained to respond to disclosures of violence and abuse. The team offer practical help to ensure students are aware of the support and reporting options within and outside of the University.

The **Disability and Dyslexia Service** offers information, advice and guidance to current and prospective disabled students about support that may help them to engage with their studies. We provide confidential advice, guidance and information about disability related matters. We offer assistance with identifying your support needs and the reasonable adjustments you require, and liaise with your Academic School and other departments to advise on and implement reasonable adjustments.

The **International Student Support** team offers confidential advice and support for students from outside the UK on a wide range of issues including immigration and visas.

The **Eye Clinic** operated by the School of Optometry and Vision Sciences is open to students who wish to have their eyesight examined.

A **GP Surgery** is conveniently located on Park Place, near to the Students' Union.

Our inter-faith **University Chaplaincy** offers advice, support and care, as well as supporting student groups and

organising a regular programme of worship, lectures and social events. Our Chaplains provide a range of services, including social events, opportunities to explore religious faith and issues of social justice, confidential pastoral listening, quiet spaces for prayer or meditation, lectures and debates, opportunities for worship and communal prayer, information about local faith communities and places of worship, and inter-faith events to encourage dialogue between members of different religions.

The **Day Care Centre** provides full day care facilities to students with children aged 10 weeks to 5 years. Located in the heart of the Cathays Campus, the Centre offers care through the medium of English and basic Welsh. The staff provide children with age-appropriate learning and play activities, and nutritious, well-balanced meals catering to vegetarian and other diets. Early application is advisable.


The **Careers and Employability** team provides advice and information, workshops, events, work experience placements and more. Page 13 has further information on Careers and Employability.



Find out more . . .

Email:  
[studentsupportcentre@cardiff.ac.uk](mailto:studentsupportcentre@cardiff.ac.uk)

Tel: +44 (0)29 2087 4844

 [studentlifecu](https://www.facebook.com/studentlifecu)



# International Students

Whatever your chosen field of study or research, you can be sure that you will be working with internationally respected academics, enjoying a great social life and making lifelong friends from across the world.

- ▶ A world top 100 university in the Academic Ranking of World Universities 2017
- ▶ Over 7,500 students from more than 100 countries choose to study at Cardiff
- ▶ Accommodation is guaranteed for most international students
- ▶ One of the most affordable of the major university cities in the UK
- ▶ Postgraduate qualifications that are recognised throughout the world



## A Supportive Environment for International Students

### The Induction Programme

A comprehensive programme in September and January; includes a free coach collection service in September from Cardiff and Heathrow airports.

### International Careers Advice

The Careers and Employability Service provides resources to help research your career path, see page 13 for more details.

### Guaranteed accommodation

Cardiff is one of only a few universities that offers high quality, conveniently located accommodation for single international students, who apply through the normal admissions process. Some conditions apply, see page 19 for more details.

### International Student Advisors

In addition to support provided by your academic school, our student advisors assist with any issues including visas and finance.

### International Student Societies

Found in the Students' Union, societies specifically for international students run social and cultural events, including 'Go Global' and our Festival of Culture and Diversity.

## Applying as an International Student

The International Office offers a personal and dedicated service, to help international students with the application and transitional process to studying.

## English Language Requirements

Our minimum English language requirements are typically:

- IELTS 6.5 with 5.5 in each sub-score
- TOEFL iBT 90
- Pearson Test of English 62

Please note that these are minimum requirements and some programmes may ask for higher requirements, details of which are provided in the Academic Schools section.

## English Language Programmes

Our English language teaching centre offers a variety of courses ranging from 8 weeks to 9 months, which cater for most language levels and abilities. Our students come from all over the world to improve their English, before commencing university study in the UK.

Classes are taught on campus by the University's experienced and well-qualified English language tutors.

### Summer Pre-session Programmes

8, 10, 12 and 20 week intensive courses are available for international students holding conditional offers from Cardiff University.

### English for University Study Programme

Academic year programme with entry in:

- September (from IELTS 4.0)
- January (from IELTS 4.5)
- April (from IELTS 5.0)

## In-session Student Support

Support with academic writing, examination techniques, listening and speaking, pronunciation, notetaking and seminar skills.

## Teaching Quality

- We offer small and friendly classes
- Teaching material is relevant and applicable to life in the UK today
- Our staff are well-qualified and experienced and will offer you regular feedback, and support and advice to make sure that your individual language needs are addressed.

## IELTS

There is an IELTS Test Centre at Cardiff University offering regular test dates throughout the year.

## Find out more . . .

For detailed information on all aspects of applying, studying and living in Cardiff please go online to:

**[www.cardiff.ac.uk/international](http://www.cardiff.ac.uk/international)**

If you have any questions, please contact one of the educational advisers, or the International Office, and we will be happy to help you:

Tel: **+44 (0)29 2087 4432**

Email: **[international@cardiff.ac.uk](mailto:international@cardiff.ac.uk)**

Web: **[www.cardiff.ac.uk/international](http://www.cardiff.ac.uk/international)**

 **[www.youtube.com/cardiffinternational](https://www.youtube.com/cardiffinternational)**





“

**Cardiff is the UK's most  
affordable university city.**

NatWest Student Living Index  
2017

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# Living in Cardiff

We know that where you live is very important to you. You will want to settle quickly and live in a secure, sociable location that is also a suitable study environment.

## University Residences

International postgraduate students are guaranteed a single-occupancy place in University residences for the full duration of their studies, and EU students for the first year of their studies.

We offer outstanding quality and value with a range of residences to suit individual preferences and budgets.

Living in a University residence provides you with the opportunity to meet and get to know students from a variety of backgrounds and studying a range of different subjects.

Dedicated postgraduate flats and blocks are available so that you can meet, live and work alongside students who understand the demands of postgraduate study.

We have numerous residences, with facilities, locations and budgets to suit most students.

Your choices include:

- Single or mixed gender accommodation
- Private or shared bathrooms. About 70% of University residences have private bathrooms
- Self-catered, part-catered or fully catered (with vegetarian options)
- A variety of social and sporting facilities.
- A limited supply of residences suitable for couples or families\*.

\*Please note this cannot be guaranteed and you should not bring your family to Cardiff until suitable accommodation has been secured.

In order to qualify, you must be an eligible full-time student and apply using the normal admission and allocation process.

## Affordable Residences

Residences fees depend on a range of factors such as facilities within the residence and whether residences are catered, part-catered or self-catered. Typically a study bedroom in catered residences costs approximately £147 per week. A self-catered residence costs between £108-£137 per week (2018/19 prices for single occupancy residences).

Residences fees and associated charges are payable by Direct Debit in three instalments (usually in October, January and April).

## Private Sector Accommodation

For UK students, and for any international or EU students who wish to rent privately owned accommodation rather than live in university residences, there is a good variety of accommodation available in the city.

Our Students' Union runs its own professional letting agency, Cardiff Student Letting, which provides student houses for many budgets and does not charge agency fees.

Advice on tenancy agreements and other aspects of living in private sector accommodation is available from the Student Unions' Advice and Representation Centre.

Other letting agencies are available within the city, but you should always ensure they are reputable before signing any paperwork or handing over any money.





# Students' Union

As soon as you enrol as a student, you automatically become a member of Cardiff University Students' Union, one of the biggest, best and most active in Britain.

As a student-led, independent part of the University, the Students' Union represents students and provides a diverse and inclusive range of activities and services that enrich student life.

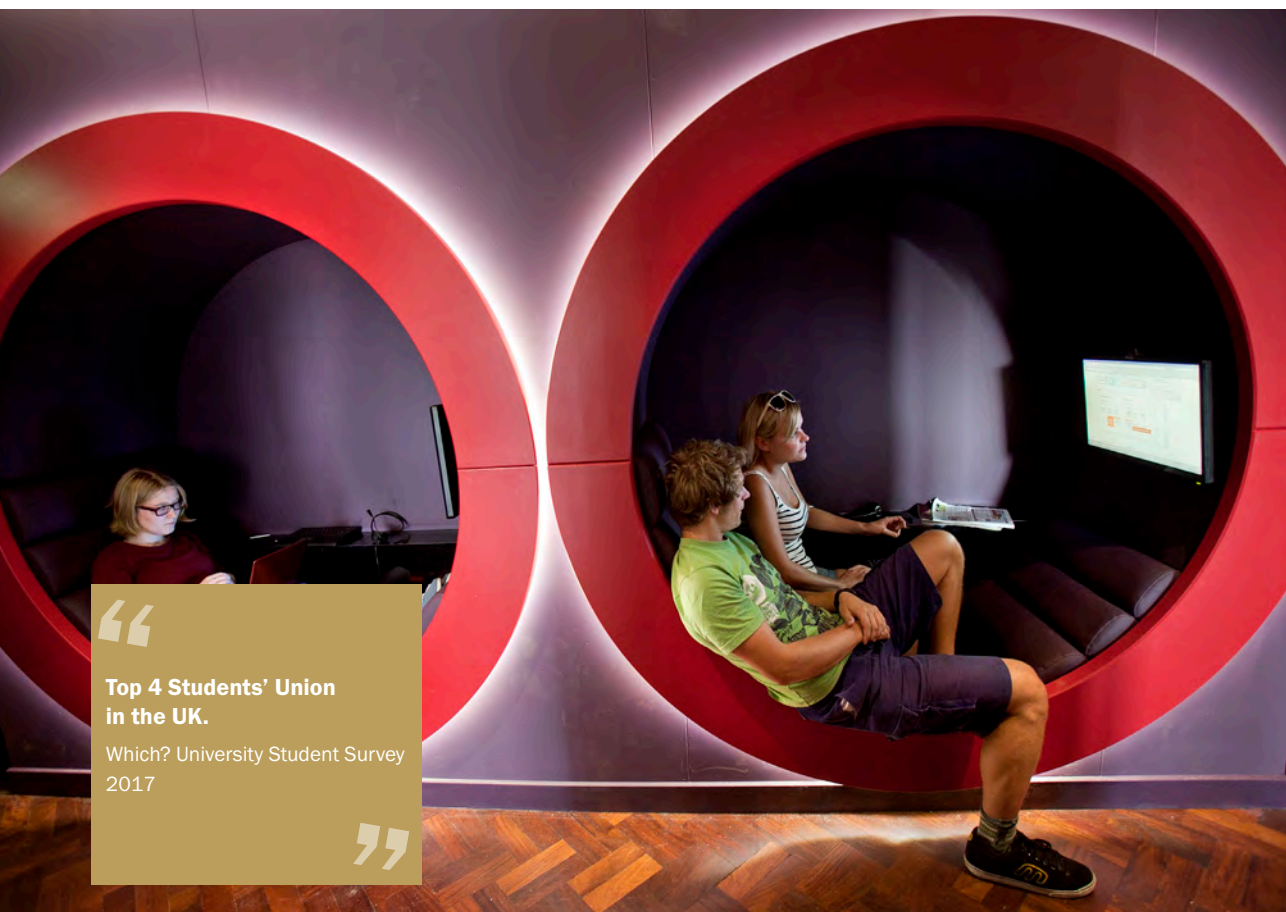
We have a designated Vice President, Postgraduate Students who is a key

representative for all postgraduates. Whether you have concerns about your course, issues around teaching hours, or if you need social support, the Vice President, Postgraduate Students works to support your needs.

## Eat, Relax, Study

The Students' Union premises have undergone major redevelopment in the last few years, transforming them into a great place to study, socialise and relax.

Since the role of Vice President Postgraduate Students was introduced in 2015, the Students' Union has done a lot of work to strengthen the postgraduate community in Cardiff, including hosting events specifically for postgraduate students. From showcasing the research our talented PhD



**Top 4 Students' Union  
in the UK.**

Which? University Student Survey  
2017



students undertake through recognising research events, to fun social events like wine tasting and quiz nights, it's a great chance to get to know your fellow postgraduate students.

The Students' Union also provides a varied range of other events that are open to all students including live music, club nights, gigs and performances.

### Advice and Welfare

The Students' Union has its own Student Advice service offering free, professional, confidential and non-judgemental advice on a range of student issues, including academic, housing and financial issues.

### Societies and Activities

With more than 200 societies and 60 sports clubs to choose from, there's plenty to keep you busy. Joining a society or club can be a great way, to expand your social circle, continue with a favourite hobby or sport, and build contacts with like-minded people.

If you don't have time to fully commit to a club or society, the 'Give it a Go' programme offers you the chance to try out a whole host of activities. The programme also offers day and weekend trips throughout the year.

### Student Media

There are opportunities to get involved in our award winning media, which include the student newspaper 'Gair Rhydd', a lifestyle magazine called 'Quench', as well as our own radio and TV stations, 'Xpress Radio' and 'Cardiff Union TV'.

### Jobs and Skills

The Students' Union offers a range of courses to develop your skills, opportunities to volunteer in the community, and the chance to gain work experience while you study. If you are thinking of owning your own business, you can get valuable advice on how to get your idea off the ground. If you're looking for temporary work to earn some money while you study, the Students' Union and Cardiff University run Jobshop, a dedicated service for students looking to find temporary work that fits around their studies.

### Shops and Services

Within the Students' Union building, you will find a range of shops and services, including a supermarket, bank, book

shop, cafés, University clothing shop, print shop, pub and a hairdresser. The Students' Union also has its own letting agency that specialises in letting student accommodation.

### Representation

The Students' Union is the recognised voice of students at Cardiff University, joining students in campaigning about the issues important to them. The Students' Union recruits and trains over 1,000 Student Academic Reps each year to represent students across 24 Schools.

Reps serve as a valuable link between the University, the Students' Union and the student body, ensuring that the student voice is taken seriously at every level.





# Cardiff University Sport

Regardless of your level of ability or commitment, we provide an extensive range of opportunities for you.

We have four main centres for sport across the University campus:

## Sports Training Village, Talybont

This is conveniently located at one of our major student residences, just a short walk

from the main campus. A superb modern multi-purpose sports hall complements a second sports hall and range of indoor facilities at the centre, which include two brand new glass backed squash courts, a futsal court, cricket nets and fitness and conditioning suite. Outdoor facilities include two floodlit artificial pitches and two floodlit



multi-use hard courts, suitable for netball, tennis and 5-a-side football. The centre also hosts physiotherapy services and team conditioning sessions.

### Fitness and Conditioning Centre, Senghennydd Road

Located at the heart of the main campus, facilities include a fitness suite with a wide range of cardio and resistance equipment and a newly refurbished conditioning suite with a full range of Olympic lifting platforms and functional training equipment. The centre has been used by international teams including the New Zealand and Australian rugby teams who used the facility ahead of matches against Wales. The centre is suitable for all abilities, from beginners through to professional athletes. The centre offers a friendly and personal approach to health and fitness services, such as personal training, individual programme design, fitness testing, and nutrition advice.

### Studio 49, Park Place

The studio is centrally located on Park Place, close to the Students' Union. It is the home to a wide range of fitness classes to suit all abilities. The centre offers a range of fitness classes including spin, zumba, yoga, pilates and aerobics.

### Sports Fields, Llanrumney

We have 33 acres of first-class grass pitches (one of which is floodlit) at the complex for outdoor sport. In addition to the grass pitches the site also has a state-of-the-art FIFA and IRB approved full-size 3G match pitch and includes a warm up area and 75-seater spectator stand, which means sport can be enjoyed throughout the winter months.

This facility hosts many University sports fixtures, and international competitions, as well as visiting international touring teams.

### Sports Clubs

We provide you with the opportunity to participate in both elite and recreational sport. Currently there are over 60 clubs for men and women, ranging from traditional sports (such as rugby and cricket) to martial arts, motorsports and water sports.

Many of our clubs compete in the British Universities and Colleges Sport (BUCS) competition, where teams travel all over Wales and England battling it out for BUCS points with other universities.

Cardiff competes at the very highest level of university sport with eight clubs taking part in the BUCS Premier League. In 2016/17, we ranked in the top 12 UK universities competing in the BUCS competition.

If you are looking for a less formal format of competition we also have an extremely popular intra-mural games programme

with over 100 teams across netball, football and rugby playing every Wednesday.

### High Performance Sports Programme

This helps students of the highest sporting level to develop their sporting career whilst studying at Cardiff University.

Financial awards are available to assist with training, travel and other essential expenses, while a comprehensive support programme ensures individuals have the necessary environment to excel in their given sport. Areas of support include; physical preparation such as physiotherapy, sports massage and strength and conditioning coaching, to other areas of support such as lifestyle management and academic support.

Cardiff University together with the University of South Wales and Cardiff Metropolitan University forms one of the UK's six centres of cricketing excellence. Funded by the Marylebone Cricket Club (MCC), the Centre helps to ensure that the best young cricketers can combine higher education with opportunities to develop their cricket. In addition, Cardiff University together with Welsh Triathlon and Cardiff Metropolitan University form the National Triathlon Performance Centre Wales, providing a performance environment for talented elite level triathletes.





# Funding

Securing funding for postgraduate study is an important consideration for most students. Most funding sources are highly competitive and are subject to various conditions.

You should research your funding options early to ensure that you can meet application deadlines. Even if you can't find full funding for your programme, you may be able to find funding from a number of different sources. In fact, many of our students have funded their programmes through a combination of the sources listed below.

- Through our Master's Excellence Scholarship scheme, we are committed to investing up to a total of £500,000 in this competitive scheme, to support high calibre UK students who are planning to start an eligible master's programme in September 2019
- we run a highly prestigious international scholarship scheme to support exceptional international students
- the seven UK Research Councils fund UK/EU research students on a competitive basis through our doctoral training programmes (see page 10)
- throughout the year, we advertise a range of funded PhD projects and places
- international students are also advised to investigate funding opportunities offered within their own country with the British Council and other external funding providers
- our Unistaff Jobshop can help you secure part-time, casual and regular employment within the University and local organisations
- UK government postgraduate loans for master's programmes are available for those UK students who fulfil the eligibility criteria
- professional career development loans worth between £300 and £10,000 are available for some types of programmes and to UK residents
- charities, trusts and foundations offer a wealth of funding for postgraduate study. We have subscribed to the Alternative Guide to Postgraduate Funding, giving you access to a range of resources to find and apply for funding from these
- many course websites offer scholarship competitions to prospective students
- crowdfunding and peer-to-peer loans are a new and innovative means by which other postgraduate students have funded their studies.





# Study Options

We offer a wide range of postgraduate taught and research degrees with flexible study options to suit your individual circumstances.

## Taught Degrees

Taught master's programmes involve a period of structured teaching, normally over two semesters full-time, combining instruction through lectures, seminars, tutorials, directed reading and independent as well as practical work. For a full master's programme, this is followed by the preparation and submission of an individual dissertation or final project. Some courses may also include industrial or work-related placements. A full master's programme is comprised of 180 credits.

The Postgraduate Diploma (PgDip) offers the same level of specialised knowledge and the same structured teaching as a master's degree but without the dissertation component. A PgDip is comprised of 120 credits.

Postgraduate Certificate (PgCert) programmes are less extensive than PgDip and are comprised of 60 credits.

You can also choose to study a range of individual modules on a stand-alone basis.

The majority of our taught postgraduate programmes have only one start date per year. This is in the autumn term, and for academic year 2019/20 it is the week commencing 23 September 2019.

## Distance Learning

A number of our courses are available via distance or eLearning (these are labelled 'DL' in the course listings within the Academic School pages). These courses provide you with the flexibility to study in a convenient location and at a speed and intensity that suits you.

## Blended Learning

Some of our programmes are offered as blended learning (BL). Blended learning combines face-to-face classroom methods with computer-mediated activities or online provision.

## Benefits of a Taught Degree

- Study a subject you enjoy in more depth
- increase your career prospects by developing a stronger academic and/or vocational profile
- change career direction with a conversion degree
- develop your transferable skills to a higher level.

Degree Classification	Mode of Study	Period of Study
Master's degree, e.g. MA, MSc, MScEcon, MBA, MTh, LLM, MDA	Full-time (FT) Part-time (PT)	Normally 1 year Normally 2 to 3 years
MScD taught or MClintDent (for dental graduates)	FT	3 years
Postgraduate Diploma (PgDip)	FT PT	Normally 9 months Normally 18 to 21 months
Postgraduate Certificate (PgCert)	FT PT	Normally 6 to 9 months Normally 2 semesters

## Research Degrees

Research degrees involve the in-depth study of a specified field over an extensive period. The results of this research are written in the form of a thesis or dissertation, demonstrating an original contribution of knowledge or practice to their chosen discipline.

Opportunities for supervised research are available in all our Academic Schools.

We encourage you to explore opportunities in Academic Schools outside your original degree subject, as you may find that many of them offer research areas that link with your area of interest.

The type of research you are engaged in and your experience of undertaking postgraduate research will differ depending on whether you are studying for a lab-based research degree or one within the arts, humanities and social sciences.

Increasingly, institutions offer research degrees that contain some structured teaching, such as our Master of Research (MRes) programmes, Professional Doctorates and our PhD in Economics. These programmes provide advanced research training and specialist knowledge before you embark on your specific research project.

Our preferred start date for the majority of our research programmes is 1 October. You may also commence a PhD or MPhil in January, April or July, subject to the agreement of the Academic School.

## Benefits of a Research Degree

- Make a valuable contribution to knowledge and society in a subject area you love
- develop more specialised knowledge and expertise
- increase your career prospects by developing a stronger research profile
- develop your intellect
- develop new skills and problem-solving abilities.

Degree Classification	Mode of Study	Period of Study
PhD	Full-time (FT) Part-time (PT)	Normally 3 to 4 years Normally 5 to 7 years
EngD	FT	4 years
Professional Doctorates in Psychology (DClinPsy, DEdPsy)	FT	3 years
Professional Doctorates in Education (EdD), Social Work (DSW), Health Studies (DHS), Social and Public Policy (SPPD) or Nursing (DNurs)	PT	Normally 4 to 7 years
Advanced Healthcare Science and Practice (DAHSP)	PT	5 to 7 years
MPhil, MScD by research (for dental graduates)	FT PT	1 to 2 years Minimum of 2 years
MD (for medical graduates)	FT PT	2 to 3 years 3 to 5 years
MRes	FT PT	1 year 2 years









- 30 Architecture
- 35 Biosciences
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- 43 Chemistry
- 46 Computer Science and Informatics
- 50 Dentistry
- 53 Earth and Ocean Sciences
- 55 Engineering
- 59 English, Communication and Philosophy
- 63 Geography and Planning
- 68 Healthcare Sciences
- 73 History, Archaeology and Religion
- 79 Journalism, Media and Culture
- 83 Law
- 88 Mathematics
- 91 Medicine
- 97 Modern Languages
- 100 Music
- 102 Optometry and Vision Sciences
- 104 Pharmacy and Pharmaceutical Sciences
- 107 Physics and Astronomy
- 110 Politics and International Relations
- 113 Psychology
- 116 Social Sciences
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# Architecture



**The Welsh School of Architecture is one of the top-ranked schools of architecture in the UK. Through our research and teaching we seek to create a built environment that enhances people's lives without destroying the planet for future generations.**

We provide a **vibrant collaborative environment** and a strong studio culture with people from diverse national, cultural and professional backgrounds

Our record of **teaching excellence** is reflected in the popularity of our courses and the strength of our position across the key league tables

We were ranked **top for research impact** in the field of architecture and the built environment in the 2014 Research Excellence Framework

## CardiffConnected

"Apart from my passion for research, I decided to undertake the degree due to the career flexibility options it provides. While undergoing the process of applying for a PhD, the wonderful help and advice from my potential supervisor further encouraged me to study here. I am glad I came here because the experience has been wonderful (though not without its challenges!). The highlight of my experience as a research student was being selected (with seven others) to represent the University at a competition. I came here with a lot of expectations; I haven't been disappointed."

**Feyikemi** PhD Architecture



## Postgraduate Taught

### Architectural Design

This one year full-time MA in Architectural Design is aimed at students who are looking for a rich, engaging and design-focused postgraduate programme, but do not wish to qualify as a UK registered architect. In the programme, we will focus on using design-led research to inform your learning and investigation. You will develop your existing design skills by focusing on how design thinking might address current global challenges. You will explore problems by making and testing design propositions, introducing and developing established knowledge.

**Example modules include:** Architectural Design and Research; Analysis of Precedent; Issues in Contemporary Architecture; Low Carbon Buildings; and Architectural Technology.

**MA:** 1 year FT

**Entry requirements:** 2:1 minimum with strong performance in design project work.

### Architectural Studies

Our MArch is a unique two-year programme. In the first year of study, you will predominantly be based in an architectural practice, undertaking a combination of practice-based and academic work. Throughout the course, we explore the full range of skills required to be an architect and enable you to develop your personal and professional experience. We build on and extend your existing knowledge,

to include the design of more complex buildings and the demands of urban design.

**Example modules include:** Design in Practice; Research Preparation; Reflective Practice; Design Thesis; Practice, Management and Economics.

**MArch:** 2 years FT with sandwich year

**Entry requirements:** Welsh School of Architecture graduates must normally have our degree of BSc in Architectural Studies with at least a 2:2 honours classification and a mark of 55% or higher in design modules.

If you are entering from another School, you would normally need at least a 2:1 class degree or equivalent qualification, which carries exemption from the Part 1 of the RIBA. In all cases, a strong design portfolio is a requisite.

**Contact:** Architecture Admissions Administrator  
e: architecture-ug@cardiff.ac.uk  
t: +44 (0)29 2087 5963

### Architecture: Professional Practice

In this programme, students will acquire an in-depth understanding of the legal and economic aspects of architectural practice and construction procurement, and hone the related skills necessary to practice effectively on entry into the architectural profession.

The programme is designed to be undertaken whilst in full-time employment within an architectural practice or related

construction industry organisation. It is taught by blended learning methods using the internet, and supplemented by short Cardiff-based courses.

**Example modules include:** Industry Context; Construction Contracts; Professional Services; Professional Practice

**Blended learning:**

**PgDip:** 1 year FT, 2 years PT

**Entry requirements:** To apply for this course we require you to hold the qualifications prescribed by the Architects Registration Board (ARB) at Part 1 and Part 2, plus a minimum of 12 months professional experience compliant with ARB requirements.

Occasionally we may waive this criteria in cases where candidates are in the process of having non-compliant qualifications approved by ARB and/or are sitting the ARB Prescribed Examination.

Candidates who are not intending to become registered architects, or who are already registered, are advised to consider the Master of Design Administration degree.

**English language:** IELTS 7.0

### Building Diagnostics for Energy and Environmental Performance

Our MSc Building Diagnostics for Energy and Environmental Performance aims to give students a solid foundation in the evaluation of the operational performance of buildings for energy and environmental aspects. The programme will

#### Entry requirements

Please see individual programmes.

#### English language

IELTS 6.5 unless stated.

#### Contact

Unless otherwise stated, contact Carys Meredith  
e: meredithc5@cardiff.ac.uk  
t: +44 (0)29 2087 9693



focus on improving the energy and environmental performance of existing buildings through a better understanding of how to diagnose problems in these areas, and by integrating technical and occupant-centred approaches. It will prepare you for a future career across a range of roles in facilities and building management, consultancy, energy and environmental performance assessment and research.

**Example modules include:**

Low Carbon Buildings; Climate Comfort and Energy; Perspectives on Performance; People and Buildings; Advanced Monitoring Tools and Techniques; and Post Occupancy Evaluation for Sustainable Building Management.

**MSc:** 1 year FT, 2 years PT

**Entry requirements:** This course is suitable for graduates/experienced practitioners in architecture, engineering, facilities management, building surveying, social science or planning, who want to develop skills to evaluate the environmental and energy performance of existing buildings and to propose management strategies for the effective building operation. Applicants should normally hold a 1st or 2nd class honours degree in a relevant subject area or have appropriate professional experience.

**Contact:** Dr Gabriela Zapata-Lancaster

e: zapatag@cardiff.ac.uk

t: +44 (0)29 2087 0643

## Computational Methods in Architecture

This course addresses the need for creative professionals who are equipped with the IT skills, digital fabrication skills, simulation software skills, or the ability to design custom-software development tools to solve unique design problems. Our multidisciplinary approach will provide students with the knowledge and skills to discover innovative computational methods for use in the creative and design industries. You will be taught by experts across the subjects of architecture, computer science and engineering, which will give you a distinctly interdisciplinary approach to looking at design.

**Example modules include:**

Introduction to 3D Modelling and Parametric Design; Computational Form Finding; Algorithmic Design Thinking; Information Processing in Python; and Building Performance Simulation.

**MSc:** 1 year FT, 2 years PT

**Entry requirements:** This programme is suitable for graduates in architecture, the built environment, civil engineering, architectural engineering,

computer science, or for professionals who wish to develop a specialisation in computational methods in architecture.

Applicants should normally hold a first or upper second class Honours degree. We require prospective students to submit a personal statement and portfolio, accompanied by an endorsement from the student's previous educational establishment or place of employment confirming that the work is their own. Alternative qualifications or relevant professional experience may be accepted.

**Contact:** Dr Wassim Jabi

e: jabiw@cardiff.ac.uk

t: +44 (0)29 2087 5981

## Environmental Design of Buildings

With both governments and the public becoming increasingly aware of dwindling global resources and more and more interest in sustainability issues, there is a growing demand for professionals working in the built environment to be well-versed in sustainable design.

Our MSc Environmental Design of Buildings aims to develop knowledge and expertise in the design of comfortable and healthy environments in and around buildings, regardless of climate, and with due regard to sustainability issues.

**Example modules include:**

Earth and Society; Passive Design; Environmental Design Practice; Low Carbon Buildings; and Climate Comfort and Energy.

**Distance learning:**

1 year FT, 2-3 years PT

**MSc:** 1 year FT, 2-3 years PT

**Entry requirements:** Applicants should possess a good first degree (typically a 2:1 or equivalent), or equivalent work experience in a relevant discipline.



MArch students in our Friary House studio space

## Master of Design Administration

The MDA aims to equip students with the expertise necessary for the successful administration and management of the design process in the procurement of buildings. It is intended to fulfil the growing need for experts in design management, working within consultancies, or in contracting, specialist contractor firms, or client bodies. The course is taught by blended learning methods using the internet, supplemented by short Cardiff-based courses.

### Example modules include:

Industry Context; Construction Contracts; Design Delivery; Project Delivery; and International Procurement.

### Blended learning:

**MDA:** 1 year FT, 3 years PT

## Sustainable Building Conservation

The course aims to be unique amongst schools in Britain in two ways; firstly, the teaching offers a design-based iterative element, thereby testing the formulation of informed decisions.

Secondly, it places emphasis on the role of sustainability within the historic context at both technical and strategic levels. By using the Welsh School of Architecture's established expertise as a research Focus for sustainable design, it addresses these concerns which have been identified internationally by ICOMOS as the critical future direction of conservation education.

The course seeks to attract a broad range of students with varied levels of experience in professional practice. Being both RIBA approved and IHBC accredited, it launches new career possibilities.

### Example modules include:

The Conservator's Role; Tools of Interpretation; Energy Use in

Historic Buildings; Case Studies and Regional Work; and Design Tools: Methods of Repair.

**MSc:** 1 year FT, 2 years PT

**Entry requirements:** Candidates must satisfy the requirements of the Cardiff University General Entrance Requirement and, in addition, will normally possess an initial degree in the discipline of Architecture, Surveying, Archaeology, Planning, Facilities Management, or related subjects.

At the discretion of the Board of Studies, non-graduates whose relative lack of formal qualifications is compensated for by their relevant work experience may also be admitted to candidature, provided the candidate has held, for a minimum period of two years, a position of responsibility relevant to the programme.

## Sustainable Mega-Buildings

Until recently, large buildings have been viewed as mega-scale energy consumers with little regard for sustainable design and performance. However, this is changing, with a new generation of mega-buildings that have been designed with energy conservation and sustainability as their principal criteria.

This programme focuses on the principles of sustainable planning and design of mega buildings, and aims to train students to respond to the environmental challenges associated with these buildings. Students will learn to adapt to shifting demands as sustainable policies are increasingly supported by the public and by governments worldwide.

**Example modules include:** Low Carbon Buildings; Climate Comfort and Energy; Sustainable Mega-Buildings Overview (Climate, Context and Culture); Sustainable Service Systems for Mega-

Buildings and Sustainable Mega-Buildings Design.

**MSc:** 1 year FT, 2 years PT

**Entry requirements:** Applicants should normally hold a first or second class honours degree or have appropriate professional experience. Applicants should hold a degree in a relevant subject area, such as architectural engineering, architecture or related subjects, including sustainable design, urban planning, environment and sustainability, environmental design.

## Urban Design

Urban Design lies at the intersection of several disciplines, areas of practice and knowledge.

To facilitate the integration of a range of expertise and perspectives, the teaching of urban design at Cardiff University involves a collaboration between the Welsh School of Architecture and the School of Geography and Planning. The MA Urban Design encompasses theory, design and research, emphasising the development of critical thinking skills for creative, contextual design addressing important challenges for contemporary cities.

### Example modules include:

Urban Design Thinkers; Urban Design Foundation; Research Methods and Techniques; Development Management and Research Based Design Project.

**MA:** 1 year FT

**Entry requirements:** We welcome applications from those with degrees in design, architecture, planning, landscape architecture or civil engineering.

**Contact:** Student Enquiries

e: [gandpenquiries@cardiff.ac.uk](mailto:gandpenquiries@cardiff.ac.uk)  
t: +44 (0)29 2087 6087  
+44 (0)29 2087 6131

## Postgraduate Research

### Architecture

Research is a big part of what we do, as it leads to new understandings that are important in their own right, but also informs our teaching and impacts on the outside world. Our research spans the physical sciences, social sciences, humanities and design to foster excellence in key areas of architecture and the built environment. The Welsh School of Architecture has an excellent reputation for high quality research, both nationally and internationally, with strengths in architectural science, history and theory of architecture, and architectural practice.

**PhD:** 3 years FT, 5-7 years PT

**MPhil:** 1-2 years FT,  
up to 3 years PT

**Intake:** April, October

**Research areas:** Energy and Environmental Performance of Buildings and Systems; Sustainability at an Urban Scale; Resource Use and Management; The City, Landscape and Environment; Cultures, Histories and Ideas; Visual Cultures; Practice and Pedagogy; Building Design; Materials; Project Management; Building Law; Digital Design Techniques; Architectural Education.

**Entry requirements:** Suitable for graduates in architecture, planning, engineering, social sciences, computer science and environmental sciences with an upper second class honours degree.

### Creative Practice in Architecture

This programme is aimed at design professionals who wish to advance their discipline through the act of practice and within the workplace. Its aim is to encourage and enable those who are at the forefront of creative practice to undertake research through design, focusing on specialisms developed through practice and to fill the current void of doctoral-level practitioners in the discipline.

**PhD:** 3 years FT, 5-7 years PT

**Intake:** October

**Entry requirements:** Candidates will be expected to have a good first and second degree in architecture (commonly known as Part 1 and 2) and at least 3 years experience in practice.

#### Entry requirements

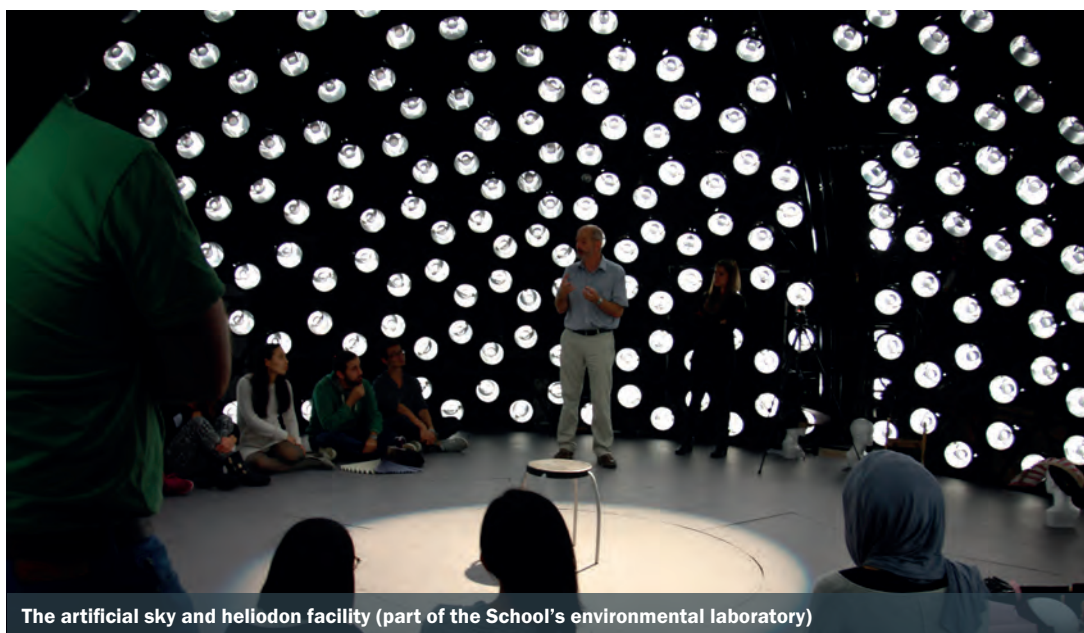
Please see individual programmes.

#### English language

IELTS 6.5.

#### Contact

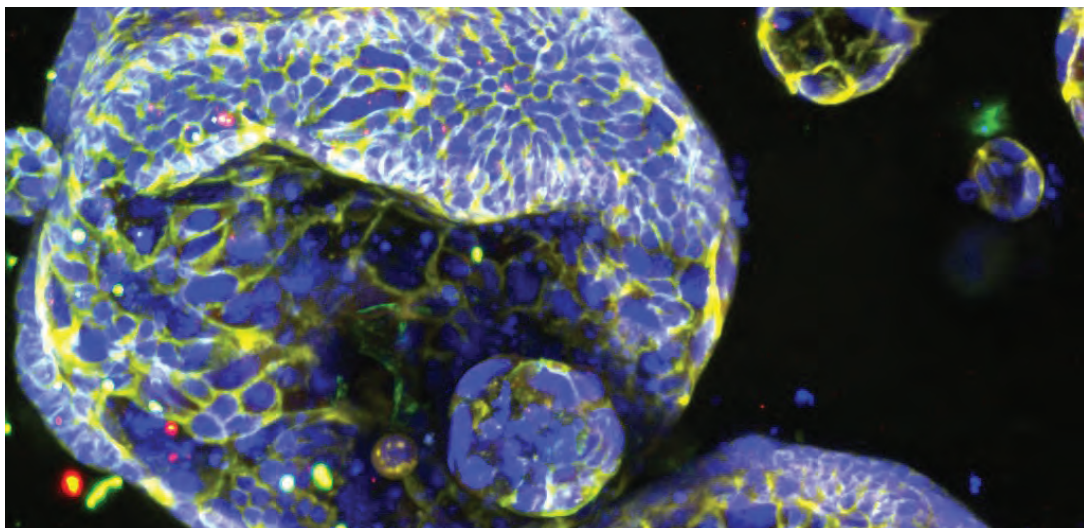
Ms Katrina Lewis  
e: [lewisk2@cardiff.ac.uk](mailto:lewisk2@cardiff.ac.uk)  
t: +44 (0)29 2087 6251



The artificial sky and heliodon facility (part of the School's environmental laboratory)



# Biosciences



**Our research spans the full range of biological and biomedical sciences, and seeks to deliver new solutions to global challenges that have major economic, societal and environmental impact.**

We are ranked **13th in the UK**. **98%** of our submitted research was rated internationally excellent, world-leading or internationally recognised (REF 2014)

In the 2015 World University Ranking, Life Sciences at Cardiff University was ranked in the **top 100 worldwide** and the **top 10 in the UK**

**60%** of our research was deemed **'outstanding'** for its impact in terms of its reach and significance

## Cardiff**Connected**

"Whilst studying for my undergraduate degree at Cardiff, Prof. Lynne Boddy's lectures enthused me about wood-decay fungi – so when a PhD project came up on the topic, I jumped at the chance! Cardiff University is a great place to do a PhD, as there's lots of interesting research going on in the department and a lively sense of community amongst the postgraduates. I've had opportunities to learn a lot of techniques and travel to interesting places, with plenty of fun along the way!"

**Sarah** PhD Biosciences



## Postgraduate Taught

### Tissue Engineering

The MSc programme is currently in its 12th year. It is one of the few programmes which accepts students who are clinically qualified (BDS, MBBS) and non-clinically qualified (BSc), providing a unique teaching and learning environment.

Students on the MSc programme have the opportunity to attend many different clinical attachments, and visit local companies developing stem cell and other relevant therapies for clinical use. To date, 95% of our graduates develop careers in areas highly relevant to the MSc.

#### Example modules include:

Cellular and Molecular Biology;  
Tissue Engineering from Concept

to Clinical Practice; Stem Cells and Regenerative Medicine.

**MSc:** 1 year FT

**Entry requirements:** Suitable for life sciences and clinical graduates interested in acquiring multidisciplinary skills in an expanding area of biomedical research.

#### Entry requirements

You will ideally have a minimum 2:2 undergraduate degree in a relevant discipline and may come from either a Bioscience or clinical background.

#### English language

IELTS 6.5 (5.5 in sub-scores).

#### Contact

e: dentalpgadmissions@cardiff.ac.uk  
t: +44 (0)29 2074 4251

## Postgraduate Research

### Biosciences MRes in Biosciences

The Master of Research (MRes) in Biosciences is a one-year programme designed to provide a valuable postgraduate qualification that enables individuals to further develop a broad range of research skills.

Past course participants have progressed in academia, industry, medical and other institutions, such as laboratory, field and database researchers. As well as scientific and empirical training, the course also provides opportunities to develop presentation and organisational skills transferable to many general employment

opportunities. Research projects may be undertaken in the laboratories of internationally-renowned scientists within the School of Biosciences, the Neuroscience and Mental Health Research Institute, the European Cancer Stem Cell Research Institute or Water Research Institute.

**MRes:** 1 year FT

**Intake:** September

**Research areas:** Molecular Biosciences; Neuroscience; Organisms and Environment; Biomedicine.

#### Entry requirements:

The equivalent of an undergraduate degree at level 2:2 (or higher) in a relevant biological,

biomedical or bio-molecular science subject. Applications will also be considered from candidates who have a minimum of 5 years relevant commercial experience who only wish to undertake stage 1 of the programme (postgraduate certificate).

**English language:** Applicants whose first language is not English must either have obtained an IELTS score of 6.5 with a minimum of 6.0 in each element or have a recognised English qualification.

**Contact:** Ms Eleanor Breeze  
e: biosi-mres@cardiff.ac.uk  
t: +44 (0)29 2087 5278

#### Entry requirements

Please see individual programme details.

#### English language

Applicants whose first language is not English must either have obtained an IELTS score of 6.5 with a minimum of 6.0 in each element, or have a recognised English qualification.

#### Contact

Please see individual programme details.

## MRes in Stem Cell Neurobiology

This MRes will develop your understanding of the ways in which stem cells are utilised in modern neuroscience, providing a solid foundation for further study or a research career in a field where ground-breaking discoveries can translate into major improvements in brain disorders.

Delivered by internationally recognised stem cell scientists and neuroscientists working in our Neuroscience and Mental Health Research Institute, the programme provides an in-depth introduction to stem cell neurobiology and to key scientific skills, including experimental design, data collection and laboratory techniques. Students will also undertake a 7 month research project in the laboratory of a specialist researcher in Stem Cell Neurobiology, based in the University.

**MRes:** 1 year FT

**Intake:** September

**Research areas:** Molecular Biology; Neuroscience; Stem Cell Engineering.

### Entry requirements:

The equivalent of an undergraduate degree at level 2:2 (or higher) in a relevant biological, biomedical or bio-molecular science subject. Applications will also be considered from candidates who have a minimum of 5 years relevant commercial experience who only wish to undertake stage 1 of the programme (postgraduate certificate).

**English language:** Applicants whose first language is not English must either have obtained an IELTS score of 6.5 with a minimum of 6.0 in each element or have a recognised English qualification.

**Contact:** Ms Eleanor Breeze  
e: biosi-mres@cardiff.ac.uk  
t: +44 (0)29 2087 5278

## Biosciences PhD, MD, MPhil

Our research spans the scale of biology from the whole ecosystem to molecular biology and protein structure. We aim to address the major global challenges of our time in sustaining and keeping healthy both the world's growing population and the planet's ecosystems.

Our research contributes to the underlying biological mechanisms of life and disease, seeking to deliver new solutions with major economic, societal and environmental impact. Through our research-led teaching, we will inspire and train new generations, equipping our graduates with the skills and understanding needed to contribute to research, the knowledge-based economy and wider society.

**PhD:** 3-4 years FT, 5-7 years PT

**MD:** 2 years FT, 3 years PT

**MPhil:** 1-2 years FT, 2-3 years PT

**Intake:** January, April, July, October

**Research areas:** Molecular Biosciences; Neuroscience; Organisms and Environment; Biomedicine.

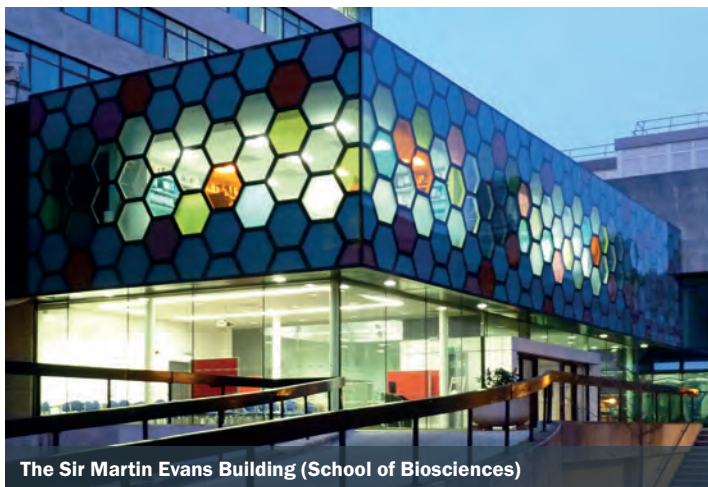
**Entry requirements:** A 1st or 2:1 UK honours degree or equivalent is usually required. MSc/MPhil for PhD programme. Suitable for



graduates in biological and related sciences, including anatomy, physiology and pathology, aural and oral sciences, biomedical sciences, biology, chemistry, computer science and informatics, forensic science, genetics, medicine, neuroscience, optometry and vision sciences, mathematics and statistics, pharmacology, psychology, sport sciences and zoology.

**English language:** Applicants whose first language is not English must either have obtained an IELTS score of 6.5 with a minimum of 6.0 in each element or have a recognised English qualification.

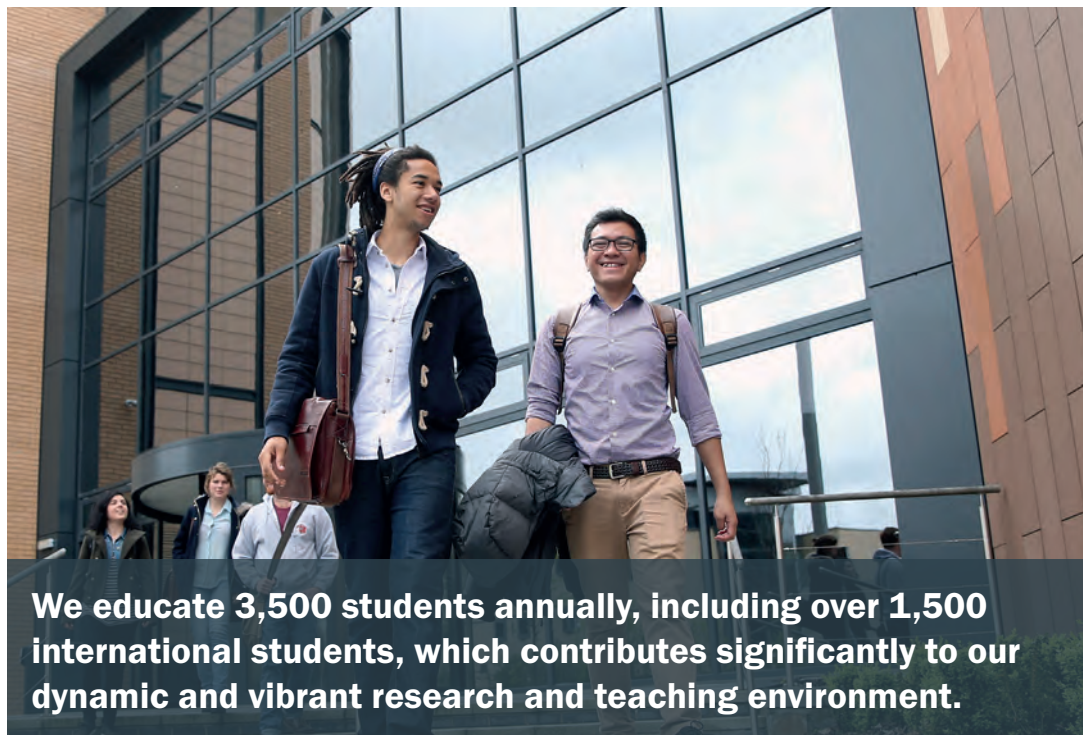
**Contact:** Education Office  
e: biosi-pg@cardiff.ac.uk  
t: +44 (0)29 2087 5243



The Sir Martin Evans Building (School of Biosciences)



# Business



**We educate 3,500 students annually, including over 1,500 international students, which contributes significantly to our dynamic and vibrant research and teaching environment.**

Multi-million pound  
**Postgraduate  
Teaching Centre**  
with fully-equipped,  
industry standard  
Trading Room

**Ranked joint 1st** for our  
research environment  
**and 6th for the quality  
of our research** out of  
101 UK Business Schools  
(REF 2014)

**100%** of our  
postgraduates are in  
work and/or further  
study six months after  
graduating  
(responses to DLHE Survey  
2015/16)

## Cardiff**Connected**

"Lecturers are very helpful and always willing to discuss further queries, providing useful guidance and feedback, when needed. I've also had the chance to meet and cooperate with different people from different countries. Being exposed to an international environment has helped me expand my horizons and understand different cultures, making my studies at Cardiff University a fascinating experience."

**Panagiotis Katsionis** MSc Maritime Policy and Shipping Management



# Postgraduate Taught

## Accounting and Finance

### Accounting and Finance

This course is designed to provide you with comprehensive and rigorous training in advanced accounting and finance. It will offer the breadth and depth of knowledge and expertise necessary to cope with the ever-changing financial environment, as well as a consideration of the international aspects of the industry.

#### Example modules include:

International Corporate Finance; Financial Derivatives; International Accounting, Accounting and Finance in China; Asset Pricing.

**MSc:** 1 year FT

**Entry requirements:** Applicants will ideally have an undergraduate degree in Accounting and Finance.

### Finance

The MSc in Finance is both academically challenging, with input from world-leading academics, and practically focused, giving you the opportunity to develop the confidence, knowledge and skills needed for a successful career in finance. Given the increasing integration of national capital markets, it is becoming more and more important to possess a high-quality postgraduate qualification in finance for those wishing to work for financial institutions, corporations and government bodies involved with capital markets, project investment and the finance industry.

#### Example modules include:

Market Structures and Trading

Systems; Research Methods for Finance; Finance and Investment; Empirical Finance; Research Topic in Finance.

**MSc:** 1 year FT

**Entry requirements:** Applicants will ideally have an undergraduate degree in finance.

## Economics

### Financial Economics

This course is designed to provide you with the knowledge and expertise for a career in fund management, stockbroking, investment banking, corporate treasury and other financial sector roles. Much of the material is challenging, both analytically and sometimes technically, but attention is given at all times to the practical questions of how to interpret financial data for research purposes; how to identify and exploit trading opportunities; and how to measure and manage risk.

#### Example modules include:

Macroeconomics; Quantitative Methods; Empirical Finance; Financial Derivatives; Mathematical Finance.

**MSc:** 1 year FT

**Entry requirements:** Applicants will ideally have an undergraduate degree in finance.

### International Economics, Banking and Finance

This course is designed to provide you with the knowledge and expertise for a position of responsibility in an international bank, financial institution, central

bank or government agency. It offers those with a substantial economic or finance background the opportunity to specialise in more depth in the areas of Money, Banking, Finance and Trade.

#### Example modules include:

Macroeconomics; Quantitative Methods; International Banking; Issues in Money, Banking and Finance; Investment and Electronic Trading.

**MSc:** 1 year FT

**Entry requirements** Applicants will ideally have previously studied modules in microeconomics, macroeconomics and one quantitative module.

**English language:** IELTS 6.5 (5.5 in each sub-score).

## Management, Employment and Organisation

### Human Resource Management

This academically challenging course is CIPD accredited and is designed to provide you with the knowledge and expertise needed for a successful career in Human Resources. You will be equipped with the skills to succeed in a career within the global Human Resource Management industry and have the opportunity to study advocacy, debate and negotiation skills. You will also learn how to understand and to undertake high-quality research, to aid your decision-making within industry.

#### Example modules include:

Human Resource Management in Context; Management of Human

### Entry requirements

All programmes need a minimum of a 2:1 at undergraduate level unless stated otherwise.

### English language

IELTS 6.5 (6.0 in each sub-score) unless stated otherwise.

### Contact

Postgraduate Admissions Office  
e: carbs-pg-admissions@cardiff.ac.uk  
t: +44 (0)29 2087 6953

Resources; Leadership; Work and Organisations; Employment Law; Practice of HR in the Modern Workplace.

**MSc:** 1 year FT or 2 years PT

**Entry requirements:** Applicants will ideally have an undergraduate degree in business, social sciences, humanities, law or other relevant subjects.

**English language:** IELTS 7.0 overall (6.0 in each sub-score).

### International Human Resource Management

This course is designed to provide you with the knowledge and expertise to practice Human Resource Management in a multi-national, globalised context. It is both academically challenging, with input from world-leading academics, and practically focused, giving you the opportunity to develop the confidence, knowledge and skills needed for a successful career in International Human Resource Management. Central to this is the idea of the international HR manager who combines specialist technical knowledge with a strong understanding of the social, political and ethical context of business in a globalised world.

**Example modules include:**

Human Resource Management in Context; Management of Human Resources; International Management; Globalisation and Labour; Contemporary Issues in HR Research.

**MSc:** 1 year FT

**Entry requirements:** Applicants will ideally have an undergraduate degree in business, social sciences, humanities, law or other relevant subjects.

**English language:** IELTS 7.0 (6.0 in each sub-score).

### International Management

This course is designed to provide you with the knowledge and experience to become a

successful manager in a globalised business world. Central to the course's objectives is the idea of the international manager who combines specialist knowledge of the role of management and management functions, with a strong understanding of the social, political and ethical context of business. Such understanding is essential in a world where national differences persist and management of cross-cultural environments is demanded.

**Example modules include:**

International Business Ethics; Academic Skills and Research Methods; International Management Consultancy; International Marketing; Asian Business Systems; International Business Environment.

**MSc:** 1 year FT

**Entry requirements:** Applicants will ideally have an undergraduate degree in business, social sciences, humanities, law or other relevant subjects.

### Public Leadership

This is a unique, challenge-based learning programme designed to link research and practice and help you engage innovatively with significant and complex service issues. It is a perfect fit for experienced practitioners who aspire to senior leadership roles and want to make a difference in public and third sector services ranging from education to environmental protection, fire and rescue, health care, housing, planning, policing and social services.

**Example modules include:**

Contemporary Challenges in Public Service Leadership; Leading Public Service Change; Leading Policy and Delivery; Innovation and Creativity in Public Service; Work-Based Project.

**MSc:** 2 years PT

**Entry requirements:** Applicants will ideally have an undergraduate degree in a relevant subject area

and have at least 3 years related professional experience. For those who have substantial work experience but do not have a first degree, entry is considered on a case-by-case basis.

### Logistics and Operations Management

#### Logistics and Operations Management

Overseen by one of the largest groupings of logistics and operations management experts in the UK, this course is designed to provide you with the knowledge and expertise for management roles in companies on a national or international basis. Our aim is to provide you with the skills to manage these critical business functions through real-life examples, scenarios and insights from academics at the forefront of knowledge in their field.

**Example modules include:**

Lean Operations; Project Management; e-business and e-logistics; International Logistics and Grand Challenges in Logistics; Operations Management.

**MSc:** 1 year FT

**Entry requirements:** Applicants will ideally have an undergraduate degree in a related field, such as business, logistics, operations management, computer science or engineering.

#### Maritime Policy and Shipping Management

This course is practically oriented and draws heavily on the research and advisory work of our expert faculty. It is designed to provide you with the knowledge and expertise for a career as a senior manager in maritime affairs in either the private sector or for government agencies.

**Example modules include:** Ship Chartering; Risk Management in Supply Chains; Maritime Economics; Advanced Trade and



Sea Carriage Law; Maritime Policy.

**MSc:** 1 year FT

**Entry requirements:** Applicants will ideally have an undergraduate degree in either maritime studies, transport, environmental studies, business administration, business studies, economics.

## Sustainable Supply Chain Management

With a unique focus on sustainability, this course is your chance to gain a comprehensive understanding of all aspects of supply chain management, including procurement, supply and distribution of products. Under the supervision of world leading academics, you will have the opportunity to acquire high-quality practical skills and develop innovative ideas to thrive in this dynamic environment, and become a supply chain manager of the future.

**Example modules include:** Sustainability for Business; Strategic Supply Chain Management; Building a Sustainable Supply Chain; Global Issues in Sustainable Supply Chain Management; and Responsible Purchasing; Supply Management.

**MSc:** 1 year FT

**Entry requirements:** Applicants will ideally have an undergraduate degree in related field, such as supply chain, logistics and/or operations management, Engineering, Business/Management disciplines, Computer Science, Economics, Trade or Finance.

## Marketing and Strategy

### Business Strategy and Entrepreneurship

This course is designed for those interested in entrepreneurship, whether that be establishing their own business or working in a new venture development capacity in an established organisation. A

key element of the programme is the New Venture Plan, where student teams develop their own comprehensive business plan for a new venture. The New Venture Plan is supported by academic faculty as well as, where appropriate, a corporate sponsor or entrepreneur.

**Example modules include:**

New Venture Creation, Venture Growth and Development, Entrepreneurial Finance, Entrepreneurial Marketing and The New Venture Plan.

**MSc:** 1 year FT

**English language:** IELTS 6.5 (5.5 in each sub-score).

## Strategic Marketing

This accredited degree programme offers knowledge and expertise for developing a professional marketing career in the UK or overseas in industry, commerce or the public sector. Upon completion of the taught modules you will embark upon a Marketing Project working with a real organisation. This gives you the chance to apply your newly acquired knowledge and skills to address a live marketing issue and to present possible solutions.

**Example modules include:**

Strategic Marketing Management; Digital Media Marketing; Marketing and Society; International Marketing; Live Business Project.

**MSc:** 1 year FT

**Entry requirements:** Applicants will ideally have an undergraduate degree in marketing, business, management or related field.

## MBA

### Business Administration

The Cardiff MBA is designed to provide you with comprehensive business and management knowledge, skills and experience. The combination of theory and practical application equips

you with problem-solving management skills for a career in industry, commerce or the public sector. Studying as part of an international cohort is an ideal opportunity to network and build lasting business connections from around the world, for your future role in an ever-changing global business environment.

**Example modules include:**

Management Consultancy; Business Project; Global Marketing; Purchasing and Supply Chain Management; Strategic Operations Management.

**MBA:** 1 year FT

**English language:** IELTS 6.5 (5.5 in each sub-score)

## Executive MBA

This programme has been designed to meet the needs of experienced managers looking for ways to develop their understanding and knowledge of business. It will help you become a reflective practitioner by encouraging you to integrate the theories and knowledge gained from the programme with the skills, values and insights derived from your existing professional experience.

**Example modules include:**

Strategic Management; Leadership and Professional Development; Entrepreneurship and Innovation; Sustainable Business; Operations Management.

**MBA:** 2 years PT

**Entry requirements:** Candidates must have a minimum of a 2:1 Honours degree, or equivalent from a recognised university, and 3 years relevant work experience. Applicants without a first degree are also encouraged to apply, where they have substantial and relevant work experience.

## Media Management

This course is designed to provide you with a solid background in

business management theory and practice, and an opportunity to gain specialised media knowledge and skills to excel and adapt in the field of media management. It combines the core ingredients of the long established MBA programme with the opportunity to understand the management challenges of the media industry, which is vital to the success of many advanced and emerging creative economies.

**Example modules include:**

A Creative Introduction to Managing Digital and Social Media; Global Communications, Digital Media Management; Strategic Management and Developing; Launching and

Managing a Media Enterprise.

**MBA:** 1 year FT

**English language:** IELTS 7.0 (6.0 in each sub-score).

**Social Science Research Methods (Business and Management Studies)**

This programme provides advanced training in research methods across the full range of the social sciences and meets the training requirements for ESRC PhD funding. We offer a Business and Management Studies pathway with four specialist routes: Accounting and Finance, Human Resource Management, Logistics and Operations Management, Marketing and Strategy. This

promotes interdisciplinary research awareness and interaction with academic faculty.

**MSc:** 1 year FT, 3 years PT

**PgDip:** 1 year FT, 2 years PT

**Entry requirements:** A 2:1 at undergraduate level. Suitable for graduates in social science and cognate disciplines including sociology, politics, critical psychology, education, social policy and social work, criminology, management and business studies, history, area studies, geography, pedagogy, public administration, industrial and employee relations, and law.

**Contact:** Social Science Research Methods Administrator  
e: [ssrm@cardiff.ac.uk](mailto:ssrm@cardiff.ac.uk)

Postgraduate Research

Economics

Our Economics PhD programme involves two years of research training (MSc Economics and MRes in Advanced Economics). The second year includes advanced study in the core areas of macroeconomics, microeconomics and econometrics, plus opportunities to specialise in a variety of fields including finance, labour economics, monetary policy, international trade and international macroeconomics. Years three and four comprise the PhD research phase.

**PhD:** 4 years FT

**Intake:** October

**Research areas:** We offer a full range of expertise, but the following areas are of particular strength: Labour Economics;

Macroeconomic Theory and Applications; Regional Economics (especially Wales); International Trade and Finance; Econometrics, Theory and Forecasting; Finance; Economic History.

Management and Business Studies

Our Management and Business Studies PhD involves one year of research training followed by three years work on your PhD topic. The training in the first year comprises of participation in general and subject-specific modules, which leads to a master's qualification in Social Science Research Methods.

**PhD:** 4 years FT, 7 years PT

**Intake:** October

**Research areas**

**Accounting and Finance:**

Corporate Finance; Corporate

Governance; Asset Pricing, Risk Management; International Finance; Banking.

**Management, Employment**

**and Organisation:** Organisation Studies; Employment Relations; Human Resource Management; Public Sector Management.

**Logistics and Operations**

**Management:** Procurement; Logistics; Supply Chain Management; Transport and Shipping; Operations Research; Operations Management/ Excellence.

**Marketing and Strategy:**

Marketing Strategy; Consumer Behaviour and Culture; Strategic Management; Entrepreneurship and Innovation; Social Media and Marketing Communications.

Entry requirements	English language	Contact
At least a 2:1 at undergraduate level and preferably a specialist master's degree.	IELTS 7.0 (6.5 in each sub-score).	PhD Programme Office, Cardiff Business School e: <a href="mailto:business-research@cardiff.ac.uk">business-research@cardiff.ac.uk</a> t: +44 (0)29 2087 6786

# Chemistry



**Our internationally leading research and education is focused on tackling the important scientific challenges of the 21st century. We provide an outstanding and stimulating environment for chemical research and education.**

**Ranked 9th** in the UK, **95%** of our research output was rated internationally excellent or world-leading (REF 2014)

We are the recipients of the first prestigious Regius Professorship in Wales, awarded by Her Majesty The Queen in recognition for a long track record of exceptionally high quality research

We have an established record of collaborations with international companies, which help our research achieve global impact and create industrial opportunities for our students

## Cardiff**Connected**

“One of the many reasons I chose to study the MSc Catalysis course at Cardiff University is the Cardiff Catalysis Institute. The CCI is a world renowned centre for research in the UK, offering degrees that give you the freedom to investigate a cutting-edge topic in depth, amongst leading researchers with truly first-class facilities. The course is taught by experts in their fields, bringing in-depth knowledge and heaps of enthusiasm. The chemistry department itself is fantastically organised, providing support from the moment the course begins. Cardiff is a great city, with lots of things to do and a good atmosphere.”

**Joseph** MSc Catalysis





# Postgraduate Taught

## Advanced Chemistry

The programme is designed to provide graduates with advanced knowledge, understanding and skills. It allows you to tailor the programme to meet your own educational needs and explore your own interests in the broad field of chemistry. You will be able to choose from a wide range of modules offered in different chemical disciplines, enabling you to develop skills and knowledge in specific areas of chemistry and making you highly attractive to potential employers in research, industrial, commercial and healthcare organisations.

### Example modules include:

Modelling of Biological Macromolecules; Applications to Materials Science; Catalytic Materials for Green Chemistry; Asymmetric Synthesis of Pharmaceuticals and Natural Products; and Drug Discovery Chemistry.

**MSc:** 1 year FT

## Biological Chemistry

The chemistry of biological processes is the basis of all life on planet Earth. On this course you will develop an understanding of the processes that are core to biological chemistry. We will explore aspects such as biosynthesis, retrosynthetic analysis, molecular biology and the principles of drug development. We will also look at the applications of biological chemistry in catalysts, synthetic methods and spectroscopy,

giving our graduates an edge when looking for employment in academia or industry.

### Example modules include:

Biosynthetic Approach to Natural Products; Bioinorganic Chemistry, Biocatalysis I: Modern approaches to biocatalysts; Biocatalysis II: Industrial Applications of Biocatalysis; Advanced Techniques in Organic and Biological Chemistry.

**MSc:** 1 year FT, 3 years PT

## Catalysis

Catalysis lies at the heart of many chemical processes, from living systems to large-scale industrial reactors. By understanding and applying catalysts, we can make processes faster, cleaner and more sustainable. Specialists in catalysis are particularly sought after in industry, as more efficient processes can lead to less waste and cost savings.

Our MSc in Catalysis will provide you with a sound foundation in catalysis theory and its applications. We will explore three branches of catalysis – heterogeneous, homogeneous and biological – and you will be given the opportunity to specialise in the area you are most interested in.

### Example modules include:

Catalysis and Electrocatalysis; Catalyst Design Study; Preparation and Evaluation of Heterogeneous Catalysts; Mechanism and Ligand Design in Homogeneous Catalysis; and Practical Catalytic Chemistry.

**MSc:** 1 year FT, 3 years PT

## Medicinal Chemistry

The field of medicinal chemistry is becoming increasingly important, as we continue to push the boundaries in the discovery of new drugs and applications in healthcare. This MSc in Medicinal Chemistry will allow you to specialise in this area and explore the wider context of drug discovery, business and healthcare.

On the course, you will develop the specific technical knowledge, understanding and laboratory skills needed to design drugs.

You will also investigate the relationship between medicinal chemists and drug discovery companies with stakeholders, such as patients, investors and governments.

### Example modules include:

Drug Discovery Chemistry; Techniques in Drug Discovery; Drug Targets; Drug Development from Laboratory to Clinic; and Trends in Drug Discovery.

**MSc:** 1 year FT, 3 years PT



## Entry requirements

2:2 degree classification or equivalent qualification.

## English language

IELTS 6.5 (5.5 sub-scores).

## Contact

Dr Tom Tatchell  
e: [chemistry@cardiff.ac.uk](mailto:chemistry@cardiff.ac.uk)  
t: +44 (0)29 2087 0759

## Postgraduate Research

### Catalysis Doctoral Training Centre

This PhD is a 4 year course that offers an unparalleled opportunity to conduct cutting-edge research in all areas of catalysis, from theory to engineering. It is part of the EPSRC Catalysis Centre for Doctoral Training (CDT), which is delivered in partnership with the universities of Bath and Bristol.

The first year is a Master of Research (MRes) qualification, before you decide on which area of catalytic chemistry or engineering to specialise in during your research project.

The CDT will allow postgraduates to develop advanced knowledge of traditional and emerging catalysis disciplines, an understanding of industry and global contexts plus research and professional skills.

**PhD:** 4 years FT (1 year MRes + 3 years)

**Intake:** October

**Research areas:** Heterogeneous Catalysis; Homogeneous Catalysis; Chemical Engineering.

**Entry requirements:** Candidates should possess a degree in a relevant subject area, such as 2:1 or higher in chemistry or chemical engineering or the equivalent.

Ideally, candidates should hold a relevant higher level degree such as an MChem/MSci or MSc in Chemistry (or equivalent).

**English language:** IELTS 6.5.

**Contact:** Helen Whitfield  
e: whitfieldh@cardiff.ac.uk  
t: +44 (0)29 2087 4791

### Chemistry

A PhD in Chemistry can offer knowledge and expertise for a career in the pharmaceuticals and fine chemical sectors, biomedical research fields, research and managerial roles in general manufacturing industry (e.g. food, cosmetics, petrochemical etc.), and teaching. The research carried out within the School of Chemistry is diverse and encompasses both fundamental and applied themes. Available research topics closely mirror the particular research interests of individual staff members, which fall broadly into Biological and Organic, Inorganic, Physical, and Theoretical and Computational chemistries.

**PhD:** 3 years FT, 6 years PT

**MPhil:** 1 year FT, 2 years PT

**Intake:** January, April, July, October

**Research areas:** Biological Chemistry; Catalysis in the Cardiff Catalysis Institute; Inorganic Chemistry; Organic Synthesis; Physical Organic Chemistry; Solid State Materials; Theoretical and Computational Chemistry.

**Entry requirements:** 2:2 or equivalent in Chemistry or related subject.

**English language:** IELTS 6.5.

**Contact:** Dr Ben Ward  
e: chemistry-pgr@cardiff.ac.uk  
t: +44 (0)29 2087 0302



Postgraduate students working in one of the School's laboratories

# Computer Science and Informatics



**We are a research-led School with a longstanding, international reputation for applied research activities.**

**99%** of our submitted research was rated at least of international standard, with **79%** classed as **internationally excellent** or **world-leading**

**Contemporary and relevant** portfolio of both specialist and conversion master's degrees catering to a variety of backgrounds and interests

Valuable option of taking a salaried **professional placement** with some taught master's degrees

## Cardiff**Connected**

"The MSc Computing course packs a lot into one year. Beyond core-programming skills in several languages and software engineering practices, I was pleased that the wide range of module options allowed me to focus my studies around the areas which interested me the most. Cardiff itself is also a great place to get started in the world of computer science; frequent tech meet-ups and hack days are good opportunities to get ideas and advice."

**Matilda** MSc Computing





## Postgraduate Taught

### Advanced Computer Science

Designed for computing graduates, this programme offers exposure to topics that are driving key technological developments and trends in one of the fastest-moving and innovative academic disciplines. You will choose to study optional, research-led modules that allow the freedom to build a distinctive personal portfolio of skills and knowledge. Core to this programme is the opportunity to further develop the scope of your problem-solving skills by studying advanced programming languages and new programming paradigms.

**Example modules include:** High Performance Computing; Visual Computing; Pattern Recognition and Data Mining; Informatics; and Distributed and Cloud Computing.

**MSc:** 1 year FT, 3 years PT

### Advanced Computer Science with Placement

Designed for computing graduates, this programme offers exposure to topics that are driving key technological developments and trends in one of the fastest-moving and innovative academic disciplines. You will choose to study optional, research-led modules that allow the freedom to build a distinctive personal portfolio of skills and knowledge. Core to this programme is the opportunity to further develop the scope of your problem-solving skills by studying advanced programming languages and new programming paradigms. You will have the opportunity to enhance your CV by undertaking a paid work placement, providing you

with valuable industry experience and the opportunity to develop your IT professional skills.

**Example modules include:** High Performance Computing; Visual Computing; Pattern Recognition and Data Mining; Informatics; and Distributed and Cloud Computing.

**MSc:** 2 years FT including sandwich year

### Computing and IT Management

Designed for graduates who want to move into computing from another discipline, this programme provides you with a broad technical knowledge and a sound business context for managing IT systems.

You will learn the skills needed to develop business applications through a fundamental understanding of software and web development, e-commerce and database management.

You will also have the option of learning about cloud computing, software as a service, and other recent developments and emerging technologies that are radically changing the opportunities and threats for the provision of IT systems.

**Example modules include:** Business and IT Management; E-Commerce and Innovation; Information Modelling and Database Systems; Distributed and Cloud Computing; Visual Communication and Information Design.

**MSc:** 1 year FT, 3 years PT

**Entry requirements:** Applicants will possess minimum of a 2:2 honours degree or equivalent professional qualification in a

subject other than computer science. Non-graduates whose relative lack of formal qualifications is compensated for by their relevant work experience will also be considered.

### Computing and IT Management with Placement

Designed for graduates who want to move into computing from another discipline, this programme provides you with a broad technical knowledge and a sound business context for managing IT systems.

You will learn the skills needed to develop business applications through a fundamental understanding of software and web development, e-commerce and database management.

You will also have the option of learning about cloud computing, software as a service, and other recent developments and emerging technologies that are radically changing the opportunities and threats for the provision of IT systems.

You will have the opportunity to enhance your CV by undertaking a paid work placement, providing you with valuable industry experience and the opportunity to develop your IT professional skills.

**Example modules include:** Business and IT Management; E-Commerce and Innovation; Information Modelling and Database Systems; Distributed and Cloud Computing; and Visual Communication and Information Design.

**MSc:** 2 years FT including sandwich year

#### Entry requirements

Applicants will possess a 2:2 honours degree in a computer science or cognate subject, unless stated.

#### English language

IELTS 6.5 (5.5 in each sub-score) unless stated.

#### Contact

Dr Leigh Hodge  
e: [computing-pg@cardiff.ac.uk](mailto:computing-pg@cardiff.ac.uk)  
t: +44 (0)29 2087 9342

**Entry requirements:** Applicants will possess minimum of a 2:2 honours degree or equivalent professional qualification in a subject other than computer science. Non-graduates whose relative lack of formal qualifications is compensated for by their relevant work experience will also be considered.

## Computing

This programme offers students from diverse career and subject areas a balance of software engineering skills and technical abilities, required for a career in Software Development.

You will develop a first-hand understanding of the problem-solving potential of software and what computational systems can achieve. You will also be introduced to programming skills and data handling techniques using important languages such as Java and Python. Emphasis is placed on handling data and you will develop essential skills in SQL (Structured Query Language) for advanced database functionality using industry standard products such as Oracle™.

### Example modules include:

Computational Systems; Python for Computing; Software Engineering; Human Centric Computing; and Web Application Development.

**MSc:** 1 year FT, 3 years PT

**Entry requirements:** Applicants will possess minimum of a 2:2 honours degree or equivalent professional qualification in a subject other than computer science. Non-graduates whose relative lack of formal qualifications is compensated for by their relevant work experience will also be considered.

## Computing with Placement

This programme offers students from diverse career and subject areas a balance of software engineering skills and technical abilities required for a career in Software Development.

You will develop a first-hand understanding of the problem-solving potential of software and what computational systems can achieve. You will also be introduced to programming skills and data handling techniques using important languages such as Java and Python. Emphasis is placed on handling data and you will develop essential skills in SQL (Structured Query Language) for advanced database functionality using industry standard products such as Oracle™.

You will have the opportunity to enhance your CV by undertaking a paid work placement, providing you with valuable industry experience and the opportunity to develop your IT professional skills.

### Example modules include:

Computational Systems; Python for Computing; Software Engineering; Human Centric Computing; and Web Application Development.

**MSc:** 2 years FT including sandwich year

**Entry requirements:** Applicants will possess minimum of a 2:2 honours degree or equivalent professional qualification in a subject other than computer science. Non-graduates whose relative lack of formal qualifications is compensated for by their relevant work experience will also be considered.

## Data Science and Analytics

Our MSc in Data Science and Analytics aims to provide you with a comprehensive set of skills needed to handle, collect, store and analyse large and complex sets of data.

You will be taught by subject experts from both the School of Mathematics and the School of Computer Science and Informatics, which will allow you to see the topic from different perspectives and provides access to a wide range of modules across both Schools.

**Example modules include:** Pattern Recognition and Data Mining;

Statistical Methods; Optimisation Methods; Distributed and Cloud Computing; and Supply Chain Modelling.

**MSc:** 1 year FT, 3 years PT

**Entry requirements:** A 1st or 2:1 UK honours degree, or equivalent is required in a numerate subject, such as mathematics, operational research, statistics, computer science, management science, economics, engineering or a suitable science degree.

**Contact:** Alastair Clarke  
e: mscmaths@cardiff.ac.uk  
t: +44 (0)29 2087 5262

## Information Security and Privacy

This programme addresses the key security issues that are faced by global communications and information systems and provides a mix of business context with core security, trust and privacy issues that challenge the IT sector.

This combined business/security approach provides valuable training for interacting with organisations, and understanding their business functions in a deeper context.

Using case based analysis, you will have the opportunity to learn about forensic approaches to investigation across multiple platforms.

### Example modules include:

Information, Network and Cyber Security; Security Techniques; Digital Forensics; Secure Applications; and Identity and Trust.

**MSc:** 1 year FT, 3 years PT

## Software Engineering

This one-year programme based at the National Software Academy in Newport is designed for graduates from diverse backgrounds who have some prior experience of programming to gain the skills, knowledge and hands-on experience to be effective as a commercial software engineer.

Students will undertake practical development using current leading

edge commercial tools and techniques, and be exposed to direct industrial involvement in a dynamic commercial-like environment.

**Example modules include:**

Agile Software Development; Programming Principles and Practice; DevOps; Manipulating and Exploiting Data; Delivering User Experience.

**MSc:** 1 year FT

**Entry Requirements:** A 2:2 degree in a STEM subject with evidence of programming in degree transcript or a 2:2 degree in a non-STEM subject, with evidence of suitable non-professional programming experience.

### Computational and Data Journalism (MSc)

This course will help you unlock the powerful world of computational and data journalism to tell insightful and important stories by interpreting and visualising data in compelling new ways, and understanding what computational tools and techniques can bring to the industry.

This industry-informed and hands-on course combines the foundations of good journalism, such as a commitment to ethical reporting with the latest

programming techniques to create highly skilled and in-demand digital storytellers, newsroom developers and data journalists.

It is jointly delivered by Cardiff University's internationally respected Schools of Journalism, Media and Culture and Computer Science and Informatics.

**Example modules include:** Python for Data Analysis; Web Application Development; Digital Investigation; Data Journalism and Business; Financial Journalism.

**MSc:** 1 year FT

**Entry requirements:** Applicants will normally be expected to hold a UK higher education degree of lower 2nd class honours or above.

**English language:** IELTS 7.0  
Applicants whose first language is not English must obtain a British Council IELTS score of at least 7.0 (with a minimum sub-score of 6.0 in each component).

**Contact:** Student Support  
e: jomecstudentsupport@cardiff.ac.uk  
t: +44 (0)29 2087 4156

### Social Data Science

Our MSc in Social Data Science equips graduates with the data collection, transformation,

modelling, analytic and interpretation skills required to make sense of online behaviours, interactions and populations using Big Social Data. This Master's Degree will act as an excellent platform to pursue further advanced study and research in this area of growing importance. The depth of knowledge gained on this MSc, coupled with the practical work and an individual dissertation, will put you in an outstanding position to gain employment in academia, government or industry as a Data Scientist with a focus on social data.

**Example Modules:** Python for Data Analysis; Computational Social Science; Applied Social Data Science; Quantitative Research Methods.

**MSc:** 1 year FT

**Entry Requirements:** Applicants will possess minimum of a 2:2 honours degree or equivalent professional qualification in a subject other than computer science; preferably in a STEM subject or social science with a strong quantitative element.

## Postgraduate Research

### Computer Science and Informatics

The School has a long-standing, strong and dynamic research culture which underpins our international reputation for world-class research in the areas of distributed and scientific

computing, informatics, and visual computing. Our multidisciplinary research continues to have a positive impact in areas as diverse as healthcare, security, social computing, manufacturing and the environment and we offer you the opportunity to work alongside our research staff, who are leaders in

their areas of expertise.

**PhD:** 3 years FT, 5-7 years PT  
**MPhil:** 1-2 years FT, 2-3 years PT  
**Intake:** January, April, July, October

**Research areas:** Complex Systems; Data and Knowledge Engineering; Visual Computing.

#### Entry requirements

A 2:1 honours undergraduate degree or a master's degree in computing or a related subject. Applicants with appropriate professional experience are

also considered. Degree-level mathematics (or equivalent) is required for research in some project areas.

**English language**  
IELTS 6.5 (6.0 in each sub-score).

#### Contact

Computer Science  
Postgraduate Research  
e: comsc-pgresearch@cs.cardiff.ac.uk



# Dentistry



**The School of Dentistry has a reputation for excellence in teaching, research and clinical care, with a history of postgraduate education dating back over 40 years.**

**£2.2 million** state-of-the-art Dental Simulation Suite housing 80 units

**Ranked 1st** in its Unit of Assessment in the most recent Research Excellence Framework (REF 2014)

**91% Overall satisfaction** in the 2017 Postgraduate Research Experience Survey

## Cardiff**Connected**

"The MScD in Orthodontics programme is the longest running at over 40 years now. It provided me with the opportunity to undertake valuable research alongside clinical training. The nurses and consultants in the department look after you really well and are always friendly and approachable. Cardiff has been a very rewarding place to be both socially and academically - a great place to be and has provided me with all the skills I need to continue in my long career as an orthodontist."

**Stacey** MScD Orthodontics



## Postgraduate Taught

### Clinical Dentistry (Endodontology/ Prosthodontics)

The MClIn Dent Programmes in Endodontology and Prosthodontics are three year full-time specialist training programmes that develop advanced clinical skills, to enable students to become specialists in their chosen field of either Endodontology or Prosthodontics.

#### Example modules for Endodontology include:

Foundation to Restorative Dentistry with Emphasis on Prosthodontics;  
Foundation to Restorative Dentistry with Emphasis on Periodontics;  
Foundation to Restorative Dentistry with Emphasis on Endodontics;  
Clinical Practice in Surgical and Advanced Endodontics;  
Clinical Practice in Conventional Endodontics.

#### Example modules for Prosthodontics include:

Foundation to Restorative Dentistry with Emphasis on Prosthodontics;  
Foundation to Restorative Dentistry with Emphasis on Periodontics;  
Foundation to Restorative Dentistry with Emphasis on Endodontics;  
Advanced Clinical Prosthodontics;  
Advanced Operative.

**MClInDent:** 3 years FT

**Entry requirements:** Primary Dental Qualification - BDS/DDS or equivalent; open to international students only. Minimum of two years clinical experience post qualification.

### Implantology

Our course is an academic and clinical programme leading to the award of an MSc/Postgraduate Diploma in Implantology. In this programme, students treat patients under expert supervision. Students have the opportunity to participate in the full spectrum of contemporary implant practice, where all forms of bone and soft-tissue grafting are undertaken.

**Example modules include:** Concepts in Restorative Dentistry and their Applications to Dental Implantology; Implantology.

**MSc:** 1 year FT

**PgDip:** 2 years PT

**Entry requirements:** A Bachelor of Dental Surgery/Doctor Dental Surgery degree (or equivalent) (BDS/DDS). Two years clinical experience required.

### Oral Biology

Oral and Dental disease is a worldwide problem, often leading to loss of quality of life. This course offers in-depth knowledge of Oral Biology, including disease mechanisms, understanding of the complex interplay between host and microorganisms driving pathology, as well as current approaches to tissue repair and regeneration. Dental, Basic Science or Applied Science graduates with the desire to become future leaders in teaching or research in dental schools are

ideally suited for this programme. You will additionally gain hands-on laboratory research experience, leading to a dissertation.

**Example modules include:** Research methods; Cell Biology of Oral Tissues; Microorganisms in Oral Disease; Tissue Repair, Regeneration; Scientific Methods.

**MSc:** 1 year FT

**Entry requirements:** Applicants should possess, as a minimum, a 2nd class honours degree (or equivalent) from either a clinical or scientific discipline (BDS, MBBS, BSc therapy and hygiene or biology, biochemistry, biomedical, engineering or medical (MD), chemistry or pharmacy).

### Orthodontics

The course equips students with the skills needed to perform as a competent specialist in Orthodontics, with a focus on the clinical, theoretical and research areas required for provision of appropriate patient care.

**MScD:** 3 years FT

**Entry requirements:**

**Home student:** BDS, Full GDC registration, MJDF/MFDS/FD.

**Overseas:** BDS or equivalent, Part 1 and/or Part 2 MJDF/MFDS/FD, M'Orth.

#### Entry requirements

Please see individual programmes for details.

#### English language

For clinical taught programmes we require a minimum IELTS score of 7 overall (with a minimum score of 6 in each sub-score) or equivalent.

For non-clinical taught programmes we require a minimum IELTS score of 6.5 overall (with a minimum of 5.5 in each sub-score) or equivalent qualification.

#### Contact

e: dentalpgadmissions@cardiff.ac.uk

t: +44 (0)29 2074 4251

## Tissue Engineering

The MSc programme is currently in its 12th year. One of the few programmes which accepts students who are clinically qualified (BDS, MBBS) and non-clinically qualified (BSc), providing a unique teaching and learning environment. Students on the MSc programme have the opportunity to attend different

clinical attachments and visit local companies developing stem cell and other relevant therapies for clinical use. To date, 95% of our graduates developed careers in areas highly relevant to their MSc.

### Example modules include:

Tissue Engineering: From Concept-Clinical Practice; Stem Cells and Regenerative Medicine; Cell and Molecular Biology; Research Methods.

**MSc:** 1 year FT

**Entry requirements:** Applicants are required to have a minimum 2:2 undergraduate degree in a relevant discipline and may come from either a biosciences or clinical background. Suitable for life sciences and clinical graduates interested in acquiring multidisciplinary skills in this expanding area of biomedical research.

## Postgraduate Research

### Dentistry

We provide internationally competitive research projects mainly in Oral and Biomedical Sciences, as well as Dental Sciences with the latter focusing on applied Clinical and Public Health Research. Our graduates

have excellent future career prospects and often go on to work in biomedical industry or academia. We welcome applications from highly motivated biomedical science or dental/medical graduates to study for a PhD or MPhil degree.

**PhD:** 3 years FT, 5-7 years PT

**MPhil:** 1 year FT

**Intake:** January, April, July, October

**Research areas:** Oral and Biomedical Sciences; Microbial Diseases; Applied Clinical Research and Public Health.

### Entry requirements

Honours degree at 2:1 or above or equivalent (students with a 2:2 and an MSc qualify).

Science graduates: Biology, Chemistry, Pharmacy.

Dental/Medical graduates: BDS, MBBS or equivalent.

### English language

For non-clinical research programmes we require a minimum IELTS score of 6.5 overall (with a minimum of 5.5 in each of the four sub-scores) or equivalent qualification.

For clinical research programmes we require a minimum IELTS score of 7 overall (with a minimum score of 6 in each of the four sub-scores) or equivalent.

### Contact

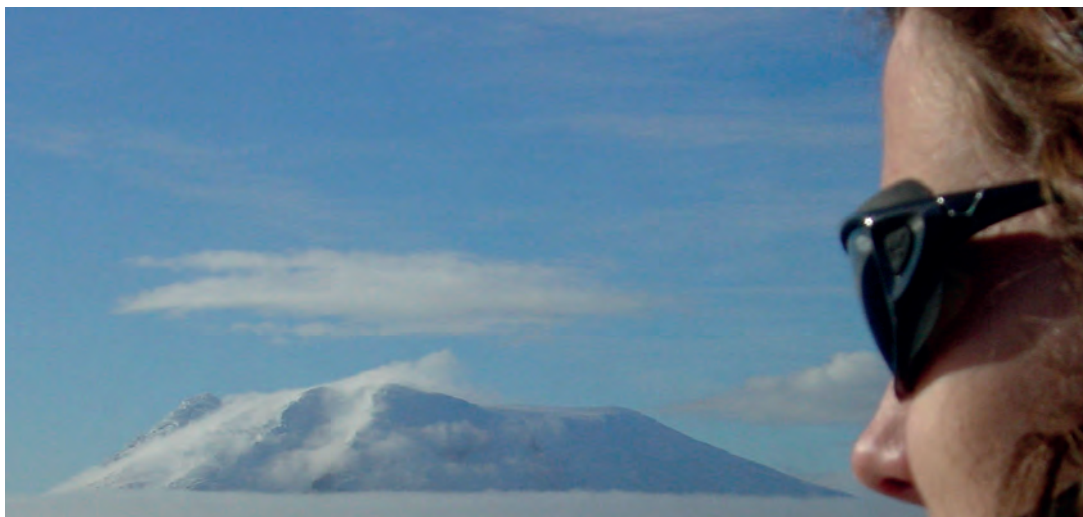
Postgraduate Admissions  
e: [dentalpgadmissions@cardiff.ac.uk](mailto:dentalpgadmissions@cardiff.ac.uk)  
t: +44 (0)29 2074 4251



MSc student during their stage 2 laboratory research project



# Earth and Ocean Sciences



**Established in 1891, the School of Earth and Ocean Sciences has a long tradition of internationally recognised research and high quality teaching across the disciplines of geology, geography and environmental science.**

**94%** of our research outputs were deemed world-leading or internationally excellent, ranking us **4th** in the UK for Earth Systems and Environmental Sciences (REF 2014)

**Collaborations** with other consortia (e.g. GW4 + DTP, NERC CDT in Oil and Gas) provide innovative training and experience for future employment

The vibrant research environment at the heart of our School offers a stimulating and friendly student experience

## Cardiff**Connected**

"The standard of the research and facilities at Cardiff University is excellent and after completing my undergraduate degree here I knew that Cardiff was a great city to live and work in. During the course of my PhD I've had an extremely rewarding academic experience and have enjoyed a thoroughly encouraging and supportive atmosphere."

**Bethan** PhD Earth Sciences



## Postgraduate Taught

### Applied Environmental Geology

Our MSc in Applied Environmental Geology will help you to develop all of the advanced knowledge and skills required to be industry-ready in the geoenvironmental, geotechnical, consulting and regulatory industries. The course has been running for 25 years and its enduring popularity means that we have now trained over 700 postgraduate geologists.

With a vocational focus, the programme includes a five month individual applied dissertation

project through which you will collaborate with companies, consultancies, government agencies or University applied research projects. It also includes compulsory fieldwork to maximise your transferable skills and immerse you in hands on experience of the industry.

#### Example modules include:

Project Planning; Design and Management for Applied Environmental Geology; Contaminated Land; Environmental Assessment and Regulation; The Initial Conceptual Ground Model (ICM); Water in the

Environment.

**MSc:** 1 year FT



**The vocationally-focused MSc Applied Environmental Geology has strong industry links and excellent employment record**

#### Entry requirements

A 1st or 2nd class UK BSc (Honours) degree or equivalent in earth/geological sciences, environmental sciences, mining, civil engineering, environmental engineering, physical geography and other related subjects.

A proficient level of numeracy needs to be apparent in your BSc degree course module portfolio.

#### English language

IELTS 6.5 or above.

#### Contact

Dr Peter Brabham  
e: brabham@cardiff.ac.uk  
t: +44 (0)29 2087 4334

## Postgraduate Research

### Earth Sciences

Our postgraduate research degrees enable students to undertake independent research work, specialising in a particular area of interest and supported by an academic supervisor.

We pride ourselves on having a vibrant research environment, which provides our MPhil and PhD

students with opportunities to work with world experts and use high quality research equipment.

Students also benefit from participating in teaching exercises, School activities and essential skills-training experiences.

**PhD:** 3-5 years FT, 5-7 years PT

**MPhil:** 1 year FT, 2-4 years PT

**Intake:** January, April, July, October

**Research areas:** Solid: Earth and Ocean Science Living: Earth and Ocean Science Changing: Earth and Ocean Science



#### Entry requirements

Graduates in appropriate science subject such as geology or environmental science, with at least a 1st Class or 2:1 honours degree, or a master's.

#### English language

IELTS 6.5.

#### Contact

Mrs Christine Williams  
e: EARTH-PG@cf.ac.uk  
t: +44 (0)29 2087 5772  
Dr Andrew Kerr  
e: kerra@cardiff.ac.uk  
t: +44 (0)29 2087 5772

# Engineering



**We are one of the leading engineering schools in the UK with a reputation for the highest quality research and a vibrant, friendly teaching environment.**

**Rated 1st** for the impact of our research in both Civil Engineering and General Engineering (REF 2014)

We have **strong links** with industry and our graduates are highly sought after by national and multinational employers

Our students benefit from our **excellent research facilities** and working with engineers who are **leaders in their fields**

## Cardiff**Connected**

"I chose Cardiff University because of the opportunity to work in an inspired research environment with people who care not only about the quality of the work they are doing but its greater impact. The level of support, from supervisors, administrators, staff and other students, fosters a positive learning environment and encourages research students to step out of their comfort zones, embrace their abilities and be impactful with their work."

**Jon** PhD Engineering





## Postgraduate Taught

### Advanced Mechanical Engineering

This MSc course will provide you with an advanced qualification which will enhance your career prospects, and extend and update your engineering skills and knowledge. The integration of the case study and project will allow you to explore, in-depth, a chosen topic related to the course.

The close involvement with industry, particularly at the project stage, ensures that the experience the course provides has both relevance and meaning. Lecturers delivering the modules are working with some of the world's most renowned engineering companies and our graduates are sought after by a large range of employers.

#### Example modules include:

Tribology; Artificial Intelligence; Advanced Robotics; Manufacturing Informatics; Advanced Mechanical Engineering case study.

**MSc:** 1 year FT

**Entry requirements:** A 2:2 honours degree in mechanical engineering or a similar field.

### Building and Infrastructure Information Modelling (BIM) for Smart Engineering

This MSc course will provide you with the tools you need to become an established professional in the dynamic fields of BIM and smart engineering, giving you a distinct edge when applying for a career or for a PhD studentship in these areas. You will build

upon the skills you have acquired in your undergraduate degree, undertaking advanced BIM training and consolidating your modelling and analysis skills as well as your smart engineering knowledge.

#### Example modules include:

Geo and Hydro-Environmental Modelling; Artificial Intelligence; Flood Design; Advanced Robotics; Building and Infrastructure Information Modelling.

**MSc:** 1 year FT

**Entry requirements:** A 2:2 honours degree or experience practicing in Civil, Structural, Environmental and Construction Engineering, or other related disciplines, such as Architecture, Mechanical Engineering, or Computer Science, working towards digital and smart engineering.

### Civil Engineering

The MSc in Civil Engineering aims to build on the knowledge and skills that you have obtained as an undergraduate and to help prepare you for a career as a consulting civil engineer across the broad spectrum of the professional discipline. The overall aim of this well-established course is to provide a sound scientific, technical and commercial understanding of civil engineering issues and practice.

#### Example modules include:

Advanced Structural Mechanics; Sediment Transport Dynamics; Construction and Construction Management; Engineering Geology; Environmental Fluid Mechanics.

**MSc:** 1 year FT, 3 years PT

**Entry requirements:** A 2:2 honours degree in civil or environmental engineering or a similar field.

### Civil and Geoenvironmental Engineering

This MSc offers you the knowledge and expertise that you need to help you forge a career as a consulting geoenvironmental engineer within a multi-disciplinary professional team. The course is designed to provide specialist postgraduate professional development in this emerging discipline, encompassing areas traditionally within civil engineering, earth sciences and biology.

#### Example modules include:

Geo and Hydro-Environmental Modelling; Land Contamination; Soil and Groundwater Chemistry; Sediment Transport Dynamics; Coastal and Estuarine Engineering.

**MSc:** 1 year FT, 3 years PT

**Entry requirements:** A 2:2 honours degree in civil or environmental engineering, earth sciences or biosciences, or in a relevant numerical field.

### Civil and Water Engineering

The MSc in Civil and Water Engineering will offer you the knowledge and expertise that you need for a career as a consulting water engineer within this specialist professional area of civil engineering. The course will

#### Entry requirements

A 2:2 honours degree, please see individual programmes.

#### English language

IELTS 6.5 (5.5 in sub-scores) unless stated.

#### Contact

Postgraduate Admissions Office  
e: [engineering-pgt@cardiff.ac.uk](mailto:engineering-pgt@cardiff.ac.uk)  
t: +44 (0)29 2087 0050

complement your undergraduate degree by introducing you to hydroinformatics, computational hydraulics and environmental hydraulics, including water quality indicators and sediment transport processes in coastal, estuarine and inland water.

**Example modules include:**

Physical Hydrology; Environmental Law; Flood Design; Soil and Groundwater Chemistry; Geo and Hydro-Environmental Modelling.

**MSc:** 1 year FT, 3 years PT

**Entry requirements:** A 2:2 honours degree in civil or environmental engineering or a similar field.

### Communication Technology and Entrepreneurship

This course aims to provide you with key, advanced level knowledge and skills that will allow you to succeed in the rapidly growing wireless and microwave communication industry. Modules delivered by Cardiff University's internationally recognised Business School will allow you the opportunity to gain valuable skills in entrepreneurship and an insight into what's involved in starting your own business.

**Example modules include:**

Fundamentals of Micro and Nanotechnology; Advanced CAD, Fabrication and Test; High Frequency Electronic Materials; Entrepreneurial Marketing; Concepts and Theory of Compound Semiconductor Photonics.

**MSc:** 1 year FT

**Entry requirements:** A 2:2 honours degree in electrical or electronic engineering or a similar field.

### Compound Semiconductor Electronics

A collaboration between the School of Engineering and the Institute for Compound Semiconductors, this MSc course is designed to provide students with advanced-

level knowledge and skills in the engineering, manufacturing and applications of compound semiconductors. The experience of our staff and our reputation, as well as our position at the forefront of compound semiconductor technology, mean we have an unrivalled combination of expert researchers, cutting-edge facilities and industry contacts.

**Example modules include:**

Fundamentals of Micro- and Nanotechnology; Quantum Theory of Solids; Compound Semiconductor Application Specific Photonic Integrated Circuits; Commercialising Innovation; High Frequency Device Physics and Design.

**MSc:** 1 year FT

**Entry requirements:** A 2:2 honours degree in electronic engineering, electrical engineering, or physics.

### Electrical Energy Systems

This course meets an urgent need for specialists in advanced electrical energy systems that are needed to design and build secure, reliable, low-carbon and affordable energy systems in developed and developing countries around the world. The programme maintains a particular focus on the integration of renewable generation in electricity transmission and distribution networks, and will prepare you for a new era of truly 'smart' grids.

**Example modules include:**

Magnetic Devices: Transducers, Sensors and Actuators; Power System Protection; Smart Grids and Active Network Devices; Condition Monitoring, Systems Modelling and Forecasting; Advanced Power Systems and High Voltage Technology.

**MSc:** 1 year FT

**Entry requirements:** A 2:2 honours degree from a good UK university or an equivalent.

Suitable for graduates in electrical engineering or a related discipline.

### Manufacturing Engineering, Innovation and Management

This newly developed MSc programme aims to take well qualified students (typically those having a good bachelor's degree in Manufacturing Engineering or an equivalent qualification) and equip them with the specialist knowledge and skills they need to be employed as professional engineers across a wide range of the Manufacturing Engineering industry.

**Example modules include:**

Advanced Robotics; Artificial Intelligence; Manufacturing Informatics; Commercialising Innovation and Condition Monitoring; Systems Modelling and Forecasting.

**MSc:** 1 year FT

**Entry requirements:** A 2:2 honours degree in manufacturing engineering or a similar field.

### Structural Engineering

This MSc offers you the knowledge and expertise for a career as a consulting structural engineer within this specialist professional area of civil engineering. It will provide you with a sound scientific, technical and commercial understanding of structural engineering issues and practice, while training you in engineering research methods in order to develop a range of related transferable skills.

**Example modules include:**

Tensile Structures; Advanced Structural Mechanics; Environmental Building Studies; Engineering Geology; Numerical Techniques in Structural Engineering.

**MSc:** 1 year FT, 3 years PT

**Entry requirements:** A 2:2 honours degree in civil or environmental engineering or a similar field.

## Sustainable Energy and Environment

This MSc aims to develop postgraduate specialists who can demonstrate mastery of a broad spectrum of advanced engineering principles to real-life technological, financial, regulatory, managerial and ethical problems encountered in the Sustainable Energy and Environmental profession, and who are equipped to be key professional players in the wider industry, the professions, and public service.

### Example modules include:

Environmental Fluid Mechanics; Thermodynamics and Heat Transfer; Low Carbon Footprint; Advanced Power Systems and

High Voltage Technology; Risk and Hazard Management in the Energy Sector.

**MSc:** 1 year FT, 2 years PT

**Entry requirements:** A 2:2 honours degree in engineering, environmental engineering, earth sciences, pure sciences or a related discipline.

## Wireless and Microwave Communication Engineering

This course will provide you with advanced level knowledge and skills needed in the rapidly growing wireless and microwave communication sector. With a focus on areas including advanced computer aided design, advanced measurement and

characterisation, and advanced communication systems, you will also develop research skills and other related abilities. You will enhance your general engineering competency, employability, and develop an excellent platform for your career.

### Example modules include:

RF Circuits Design and CAD; Fundamentals of Micro and Nanotechnology; High Frequency Electronic Materials; Concepts and Theory of Compound Semiconductor Photonics; Non-linear RF Design and Concepts.

**MSc:** 1 year FT, 2 years PT

**Entry requirements:** A 2:2 honours degree in electrical or electronic engineering or a similar field.

## Postgraduate Research

### Engineering

The School of Engineering is committed to providing the best possible environment for our research students. We have high quality research facilities, friendly and supportive teaching staff who are internationally recognised for their research, and a vibrant research culture with staff and students from around the world.

**EngD:** 4 years FT

**PhD:** 4 years FT, 5-7 years PT

**MPhil:** 1 year FT, 2-5 years PT

**Intake:** January, April, July, October

**Research areas:** Mechanics, Materials and Advanced Manufacturing; Energy and Environment; Health, Technology and the Digital World.

### Wireless and Microwave Communication Engineering

This one year course is based on our established MSc Wireless and Microwave Communication Engineering, but provides you with the opportunity to focus on a substantial research project. You will have the opportunity to enhance your independent research skills by undertaking a research project which will comprise the main part of the course. The research project provides students with an opportunity to put into practice the knowledge and skills acquired during the Autumn Semester, which includes taught modules in the areas of modern mobile

communications, communications related electronics or microwave engineering. This course is ideal for those wishing to make a career in either academic or industrial research.

In order to enhance your professional development, this course offers you the option of obtaining a Postgraduate Certificate if you wish to complete the taught part of the course only.

### Example modules include:

Software Tools and Simulation; HF and RF Engineering; Advanced CAD, Fabrication and Test; Commercialising Innovation; and Non-linear RF Design and Concepts.

**MRes:** 1 year FT

### Entry requirements

A 2:1 honours degree or a Masters degree in Engineering or a similar field from a good UK university or an equivalent international degree qualification.

### English language

IELTS 6.5.

### Contact

Research Admissions Office  
e: [engineering-pgr@cardiff.ac.uk](mailto:engineering-pgr@cardiff.ac.uk)  
t: +44 (0)29 2087 4642



# English, Communication and Philosophy



**We value critical rigour, creative thinking, and intellectual inquisitiveness. Enriched by our diverse, international student community, we explore new perspectives, examining key issues in the study of language, texts, cultures, ideas, values and identities.**

**Ranked in the top 10** overall for English Language and Literature and **4th for the impact** our research in Philosophy has on society (REF 2014)

**Ranked in the top 100** universities for the study of English Language and Literature (QS World University Rankings by Subject 2017)

The **School is the largest of its kind** in the UK, with over 70 teaching, research and professional service staff

## Cardiff**Connected**

"I was struck by the School's vibrant and supportive atmosphere. My PhD has flourished with the help of excellent supervision, countless workshops, research seminars and networking opportunities, and an active and welcoming PhD community. As a self-funded student, I was fortunate to secure several scholarships from charities and smaller funding bodies. PhD students also have the opportunity of gaining paid teaching experience by leading undergraduate seminars."

**David** PhD Language and Communication



# Postgraduate Taught

## Applied Linguistics

Tailored for any career requiring specialised language awareness, our programme combines excellent grounding in language description and research methodology with specialised topics in language and social life, including foreign language teaching and professional communication. The programme is taught in the renowned Centre for Language and Communication Research.

### Example modules include:

Research Foundations in Language and Communication; Research Experience in Applied Linguistics; Public and Professional Discourse; Language Learning: Theory and Practice; Critical Approaches to Discourse.

**MA:** 1 year FT, 2 years PT

## Creative Writing

Taught by professional writers, this programme is designed for creative writers seeking to develop their talents. Expanding your knowledge and skills in the writing of one or more literary genres, you will master the ability to independently produce literary works of refinement and skill, gaining the ability to conduct writers' workshops. Assessment is based on essays, projects and portfolios of creative writing, rather than examination.

**MA:** 1 year FT

## English Literature

Our programme is taught by staff with an international reputation for innovative and influential research. It is broad in syllabus,

challenging in ideas, diverse in methods of teaching and learning, and engaged in a wide variety of theoretical and methodological approaches. You may choose from a wide range of modules, or choose to study a specialist pathway.

**Pathways include:** Medieval and Renaissance; Romantic and Victorian; Modern and Contemporary; Gender and Sexuality; Critical and Cultural Theory; Advanced Literary Studies.

**MA:** 1 year FT, 2 years PT

## Forensic Linguistics

Our innovative programme provides a unique opportunity to study the impact of language in the legal and judicial process.

Delivered by leading forensic linguists, it offers the theory and techniques to critically analyse the use of language in a variety of legal contexts, to critically evaluate expert testimony on forensic matters and to consider the role of expertise in legal systems more generally. You will develop a theoretical and practical understanding of communication in legal settings, including methods of data collection, and analysis and training in the examination of forensic linguistic evidence.

### Example modules include:

Research Foundations in Language and Communication; Research Experience in Forensic Linguistics; Forensic Linguistics.

**MA:** 1 year FT, 2 years PT

## Language and Communication Research

Our programme offers the knowledge and expertise needed to prepare for research in linguistics and communication at PhD level, or in professional or commercial spheres. The MA focuses on providing a very solid foundation in research methods and theoretical paradigms, which puts you in a very strong position for further study. You will also be able to choose from a wide variety of optional modules. Based in the esteemed Centre for Language and Communication Research, the MA carries ESRC Advanced Course Recognition.

### Example modules include:

Research Foundations in Language and Communication; Qualitative Research Methods; Quantitative Research Methods; Research Experience in Language and Communication.

**MA:** 1 year FT, 2 years PT

## Language and Linguistics

Set in a world-class research centre, our programme offers both solid training in research foundations and practice, and the freedom to tailor your programme around your interests and ambitions. You will be able to choose from a wide variety of optional modules that will not only permit you to acquire a well-rounded understanding of the theoretical and methodological approaches employed within linguistics but also to develop a keen appreciation of how language interacts with social factors in various communities of practice.

### Entry requirements

All programmes need a minimum of a 2:1 at undergraduate level unless stated.

### English language

IELTS 7.0 (with 6.5 in each sub-score).

### Contact

Postgraduate Office  
e: [encap-pg@cardiff.ac.uk](mailto:encap-pg@cardiff.ac.uk)  
t: +44 (0)29 2087 4722

**Example modules include:**

Research Foundations in Language and Communication; Research Experience in Language and Linguistics; Public and Professional Discourse; Current Issues in Sociolinguistics.

**MA:** 1 year FT, 2 years PT

**MPhil:** 1 year FT, 2 years PT



## Postgraduate Research

We run two annual Postgraduate Research Conferences, allowing interdisciplinary debate, and enabling postgraduate students to present their research to fellow students, members of the academic staff and visiting scholars. All postgraduate research students have the opportunity to apply to gain teaching experience, while undertaking an Higher Education Academy-accredited Learning to Teach programme. In the School, research students also have access to a generous allowance for conference attendance and other research-related activities and use of a dedicated research student suite.

### Creative and Critical Writing

Hone your writing at one of the UK's leading centres for Creative and Critical Writing, coached by experienced and published professional writer-academics. Free to follow your genre of choice and explore blending forms, you will complete a substantial piece of creative work together with a reflective critical commentary in our dynamic, creative-critical

programme. Many of our alumni are now pursuing careers as writers in a range of areas including radio, television and film. Publishing and teaching remain popular alternative career choices. We are members of the South, West and Wales Doctoral Training Programme, and welcome enquiries from applicants who are considering applying for 2019-20.

**PhD:** 3 years FT, 5 years PT

**Intake:** October, January, April

**Research areas:** Fiction (including the short story); Creative Non-Fiction; Poetry; Script Writing for Film, Radio and Television.

**Entry requirements:** Applications are welcome from graduates with at least a 2.1 at undergraduate level (in any academic discipline). While an MA in Creative Writing or English Literature is an advantage, it is not a prerequisite.

### Critical and Cultural Theory

Explore an interdisciplinary topic that engages and excites you, supervised by pioneers in critical and cultural theory with a long-standing commitment

to excellence and diversity in research. Our programme is designed to offer the knowledge, expertise and high-level research skills essential for an academic career or other forms of professional employment. We are members of the South, West and Wales Doctoral Training Programme, and welcome enquiries from applicants who are considering applying for 2019-20.

**PhD:** 3 years FT, 5 years PT

**MPhil:** 1 year FT, 2 years PT

**Intake:** October, January, April

**Research areas:** Critical Marxism; Cultural History; Deconstruction; Deleuze studies; Eco-humanities; Gender, Sexuality and Race; German Aesthetics and Frankfurt School; Postcolonialism; Postmodernism; Theories of the Literary; Trauma and Memory Studies.

**Entry requirements:** Suitable for graduates in humanities and social sciences. A 1st or 2:1 class UK honours degree, or equivalent is required. Entrants usually hold a master's level qualification.

#### Entry requirements

All programmes need a minimum of a 2:1 at undergraduate level and a master's degree unless stated.

#### English language

IELTS 7.5 (with 7.0 in each sub-score).

#### Contact

Postgraduate Office  
e: [encap-pg@cardiff.ac.uk](mailto:encap-pg@cardiff.ac.uk)  
t: +44 (0)29 2087 4722



## English Literature

Pursue original research in a wide variety of literary fields, from the medieval to the contemporary, and across the theoretical range of the discipline. The PhD programme is supported by especially tailored, discipline-specific skills and work-in-progress workshops, as well as a number of specialist reading groups, research initiatives and engagement platforms.

These include: the Medieval and Early Modern Research Initiative; Cardiff Romanticism and Eighteenth-Century Seminar; the Centre for Editorial and Intertextual Research; Cardiff Poetry Experiment; and Cardiff BookTalk. We are members of the South, West and Wales Doctoral Training Programme, and welcome enquiries from applicants who are considering applying for 2019-20.

**PhD:** 3 years FT, 5 years PT

**MPhil:** 1 year FT, 2 years PT

**Intake:** October, January, April

**Research areas:** African American Literature; Book History; Children's Literature; Cultural History; Digital Humanities; Editing Theory and Practice; Experimental Writing; Film and Adaptation; Gender and Sexuality Studies; Gothic; Historicism (new-Elizabethan, neo-Medieval, neo-Victorian, counter-Romantic); Illustration Studies; Literary History; Literature of the Long Eighteenth Century; Literature and the Environment; Literature and Law; Literature and Science; Literature and Slavery from 1760 to the Present; Manuscript Culture; Medical Humanities; Medieval Literary and Cultural Studies (including Medieval Afterlives); Modern Drama; Modernist Literature; Old Norse-Icelandic and Old English Literature; Postcolonial Literature; Postmodernist Literature; Renaissance Literature; Romantic Literature; Shakespeare; Victorian and neo-Victorian Literature; Visual Culture; Welsh Writing in

English; Women's Writing and Women's Literary History.

**Entry requirements:** Applications are welcome from graduates with at least a 2.1 in English Literature (and/or relevant discipline) and an MA in English Literature (and/or relevant discipline).

## Language and Communication

Pursue research within one of the foremost international centres for research, research training and teaching in social, applied and interactional areas of human communication, mass media, language and linguistics. Drawing on the range of specialisms within the Cardiff Centre for Language and Communication Research, you are encouraged to join dedicated teams collaborating on a broad range of projects and themes often taking innovative interdisciplinary approaches to questions of contemporary and international relevance. We are members of the Wales ESRC Doctoral Training Partnership Linguistics Pathway, as well as the South, West and Wales Doctoral Training Programme, and welcome enquiries from applicants who are considering applying for 2019-20.

**PhD:** 3 years FT, 5 years PT

**MPhil:** 1 year FT, 2 years PT

**Intake:** October, January, April

**Research areas:** Language Description; Sociolinguistics; Language Over Time; Language Variation and Change; and Historical Linguistics; Corpus Linguistics; Systemic Functional Linguistics, Systemic Functional Grammar; Language Acquisition (First and Second); Lexical Studies; Linguistic Ethnography; Formulaic Language; Metaphor; Intonation and Information Structure; Professional Discourse and Workplace Communication; Discourse Analysis, Critical Discourse Analysis, Corpus-Informed Discourse Analysis;

Applied Linguistics, Language Education, English for Specific Purposes; Forensic Linguistics, Language and the Law; Intercultural Communication; Healthcare Communication, Dementia and Communication, Lifespan Communication; (New) Media, Comics and Graphic Novels; Visual and multimodal communication, Non-verbal Communication, Literacies.

**Entry requirements:** Applications are welcome from graduates with at least a 2:1 in a suitable field (such as linguistics, communication, media studies, languages, some social sciences, English literature and humanities).

## Philosophy

Investigate a topic at the cutting-edge of current research under the expert supervision of academic scholars at the forefront of their fields. Our work in the philosophy of mind and in moral and political philosophy is informed by analytic, continental and empirical approaches to these areas of research. We are members of the South, West and Wales Doctoral Training Programme, where Philosophy is one of the four principal areas of distinctive strength.

Acquiring new skills at fortnightly research workshops, you will explore ideas and present work in progress at our weekly reading group. As a doctoral student, you will be exposed to the latest developments in the discipline through our research seminar series.

**PhD:** 3 years FT, 5 years PT

**MPhil:** 1 year FT, 2 years PT

**Intake:** October, January, April

**Research areas:** Ethics and Political Philosophy; Philosophy of Mind; Philosophy of Perception; Moral Psychology; Modern European Philosophy; Critical Theory; French Existentialism; Feminism; Metaethics; Post-Structuralist Theory.

# Geography and Planning



**We have built our reputation across the boundaries of urban planning and human geography to become one of the leading human geography and planning schools in the UK. We are also one of the largest, with over 70 teaching, research and support staff.**

We are recognised as a centre for research excellence - **85%** of our research for was rated as world-leading or internationally excellent (REF 2014)

We are ranked in the **Top 100** for geography in the QS World University Rankings by Subject 2018.

In the UK **we are 6th** for Town and Country Planning in the Complete University Guide 2019

## Cardiff**Connected**

"I have found the teacher-student relationship to be fantastic. It feels like the lecturers have a genuine interest in what you're studying and what you want to achieve. Not only are they excellent teachers but they are friendly, approachable and always make time to see you if you need them. Throughout the year there are numerous international expert guest lecturers who present to the class, and the School's own lecturers are also industry experts, which makes for a fascinating environment to learn in."

**Tom** MSc International Planning and Development



# Postgraduate Taught

## City Futures

With over 50 percent of the world's population now living in cities and 70 percent predicted to do so by 2050, this MSc will help you understand and solve the practical problems of living in globalised and multicultural cities. You will gain an understanding of the key issues and future challenges of urbanisation in a globalising world and cover the different urban theories that seek to interpret processes of contemporary and future urbanisation and globalisation. You will also develop the analytical and methodological skills to investigate urban trends and dynamics in global cities.

### Example modules include:

Planning City Futures; Advancing Urban Theory; Researching Cities for Social Change; Development and Urbanisation Processes; Governing Places.

**MSc:** 1 year FT

## Eco-Cities

Our MSc Eco-Cities programme addresses how cities can be planned and built to promote low carbon urban development and lifestyles. You will explore how ecological development can mitigate climate change and promote greater sustainability.

You will gain a critical understanding of the forms of development that badge themselves as sustainable or low carbon and will develop the

skills to take forward innovative environmentally friendly urban developments that are sensitive to the needs of sustainable spaces.

### Example modules include:

Debates in Eco-City Planning and Development; Governance of the Eco-City Development Process; Live Project for Eco-City Development; Researching Eco-Cities; Environmental Policy and Climate Change.

**MSc:** 1 year FT

## Food Politics and Sustainability

This programme will prepare you to pursue an academic career in food studies; enhancing the skills of those already working in the sector and developing prospective practitioners and policy-makers to understand more deeply the interplay between food security, justice and sustainability. The course is specifically aimed at those wishing to gain expertise in contemporary food geographies and politics.

### Example modules include:

Sustainable Food Systems; Food Security and Justice; Researching Sustainability; Food Governance and Politics: The Big Challenges in Food Science and Technology.

**MSc:** 1 year FT, 2 years PT

## International Planning and Development

This programme is accredited by the Royal Town Planning Institute (RTPI) and the Royal Institution

of Chartered Surveyors (RICS) and offers a broad education in international planning and development for those wanting to work in the planning profession.

Spanning the disciplines of spatial planning and development studies, it enables you to acquire the knowledge and critical awareness to make significant contributions to the design and management of cities and urban systems. Core teaching focuses on issues of development and underdevelopment, city futures in a globalising world, and creation of space and place within different political, cultural, economic and environmental contexts. Options enable you to follow specialisms in urban design, real estate and housing – or a general route with options in planning, environment, transport, real estate, site planning, regeneration and housing.

### Example modules include:

Development and Urbanisation Processes; Planning City Futures; Researching Spatial Planning and International Development; Space and Place: International Planning Practice; Housing in a Globalising World.

**MSc:** 1 year FT

## Planning Practice

This programme offers an exciting opportunity to complete a Royal Town Planning Institute (RTPI) accreditation through a part-time flexible study programme. It is specifically aimed at those applicants who have not taken a

### Entry requirements

All programmes need a minimum 2:2 at undergraduate level in a similar discipline including geography, planning, sociology, economics and politics.

### English language

IELTS 6.5 (5.5 sub-score) unless stated.

### Contact

Student Enquiries  
e: [gandpenquiries@cardiff.ac.uk](mailto:gandpenquiries@cardiff.ac.uk)  
t: +44 (0)29 2087 4022



'conversion' master's degree to gain access to the UK planning profession.

You will be able to 'top up' your planning knowledge with the spatial planning component of an RTPI-accredited education, making you eligible (after two years of planning practice) for professional membership of the RTPI.

**Example modules include:**

Site Planning; Design and Development; Live Project; Planning and Real Estate; Planning: Nature, Purpose and Instruments; The Reflective Practitioner.

**PgCert:** 1 year FT

### Social Science Research Methods (Environmental Planning)

This programme provides advanced training in research methods across the full range of the social sciences. You will be provided with a thorough theoretical and practical knowledge of how to construct effective research studies, of the variety of data collection methods available to the social scientist and of the principal methods of analysing social scientific data.

You will also be introduced to the political and ethical frameworks within which social science research is conducted, and to some of the ways in which the results of social science research are disseminated. The Environmental Planning and Geography pathways have Economic Social Research Council (ESRC) recognition and provide the appropriate training basis for proceeding to a PhD.

**Example modules include:**

Developing Core Research Skills; Foundations of Social Science Research; Qualitative Research Methods; Quantitative Research Methods; Research Applications.

**MSc:** 1 year FT, 3 years PT

**PgDip:** 1 year FT, 2 years PT

### Spatial Planning and Development

Our MSc Spatial Planning and Development programme is accredited by the Royal Town Planning Institute (RTPI) and the Royal Institution of Chartered Surveyors (RICS) and is the ideal starting point for taking on the professional challenges of making liveable, prosperous places. It will enable you to develop core planning skills, applicable at a

range of spatial scales; nurture professional judgement; and develop specialised skills to support employability.

While the focus is on planning in developed capitalist societies, especially the UK and Europe, the programme's understanding of planning is comparative, and the skills taught are applicable in many planning contexts.

**Example modules include:**

Site Planning; Design and Development; Planning and Real Estate; Planning: Nature, Purpose and Instruments; Housing in a Globalising World; Planning for Sustainability.

**MSc:** 1 year FT, 2 years PT

**English language:** IELTS 7.0 (6.0 in each sub-score).

### Sustainability, Planning and Environmental Policy

The MSc Sustainability, Planning and Environmental Policy will provide you with knowledge and understanding of contemporary theories, issues, principles and practices in the field of sustainability. You will gain insights into the ways in which problems are defined, and the scope for applying cutting-edge policy and planning solutions to



We are based in the iconic Glamorgan Building



**Tanzania: Studying international planning and development**

the environmental challenges faced by government, business and regulatory bodies.

**Example modules include:**

Principles and Practices of Environmental Governance; Environmental Policy and Climate Change; Environmental Management; Planning for Sustainability; Researching Sustainability.

**MSc:** 1 year FT, 2 years PT

## Transport and Planning

Transport touches almost every aspect of our day-to-day lives. This programme encourages you to address the challenges ahead for developing the transport systems of tomorrow. It offers a great opportunity to study

different aspects of transport (planning, policy, operation and management) and its links to urban planning, by examining real world issues.

You will understand the principles and will practice transport scheme appraisal and evaluation and will use statistical and modelling methods for analysing travel behaviour and a range of transport options.

This MSc is professionally recognised by the Royal Town Planning Institute (RTPI). The programme also meets the academic requirements for the Transport Planning Professional Qualification from the Chartered Institution of Highways and Transportation (CIHT).

**Example modules include:**

Principles of Transport Economics; Researching Transport; Transport and the City; Transport Analysis; Sustainable Transport Policies.

**MSc:** 1 year FT

## Urban Design

Urban Design lies at the intersection of several disciplines, areas of practice and knowledge.

To facilitate the integration of a range of expertise and perspectives, the teaching of urban design at Cardiff University involves a collaboration between the Welsh School of Architecture and the School of Geography and Planning. The MA Urban Design encompasses theory, design and research, emphasising the development of critical thinking skills for creative, contextual design addressing important challenges for contemporary cities.

**Example modules include:**

Urban Design Thinkers; Urban Design Foundation; Research Methods and Techniques; Development Management; Research Based Design Project.

**MA:** 1 year FT

**Entry requirements:** We welcome applications from those with degrees in design, architecture, planning, landscape architecture or civil engineering.

## Urban and Regional Development

Our MSc Urban and Regional Development programme is designed for those who want to understand more about economic development and urban regeneration theory and practice, and help meet contemporary policy challenges.

It provides you with the opportunity to understand socio-economic change in towns, cities, regions and city-regions – issues which are of increasing

significance globally across different regions and nations.

**Example modules include:** Urban and Regional Dynamics; Governing Places; Urban and Regional Development in Practice; Researching Urban and Regional Development; Designing Cities.

**MSc:** 1 year FT, 2 years PT

**English language:** IELTS 6.5 (5.5 in each sub-score).

## Environment and Development

This new interdisciplinary programme will provide you with a broad education, and stimulate critical thinking, on the political, regulatory, cultural and economic links between development and environmental management.

In order to address the complexity of contemporary trends, the process of development will be treated as an intrinsically political (contested) and ecological (vital) activity that occurs at the interface between state, society and the rest of socio-nature. The focus will be on exploring the politicised

interconnections between socio-economic demands and mounting environmental impacts and risks in both the Global North and the Global South.

You will investigate, question and explore alternatives to the prevailing tensions and interdependencies between development and socio-ecological systems through a local, national and historical lens.

**Example modules include:** Development and Urbanisation Processes; Principles and Practices of Environmental Governance; Environmental Policy and Climate Change; Planning for Sustainability; Debates in Eco-City Planning and Development.

**MSc:** 1 year FT

## International Planning and Urban Design

Our new MSc International Planning and Urban Design programme explores the major problems and dilemmas of global cities within the context of planning and urban design,

presenting potential solutions based on creative and strategic planning and design interventions.

With a focus on Asia and the Global South, we will introduce you to the key urban design skills and competencies which will enable you to make a valuable contribution to the international planning and urban design arena. This includes practical design skills but also in-depth knowledge and critical understanding of the often complex interaction between urban planning, regulation, policy and urban design, which contemporary urban practitioners must negotiate.

**Example modules include:** Site Planning; Design and Development; Planning City Futures; Designing Cities; Researching Spatial Planning and International Development; Transport and the City.

**MSc:** 1 year FT

# Postgraduate Research

## Geography and Planning

We are a centre of research excellence and play a leading role in academic and policy debates at national and international levels. Our aim is to recruit committed research students for the pursuit of innovative, cutting-edge research at PhD level.

With our international links and research profile, we provide a rich and lively scholarly environment in which to conduct doctoral research work and achieve your full academic potential. At present there are around 30 full-time PhD students in the School.

**PhD:** 3-4 years FT, 5-7 years PT

**MPhil:** 1-2 years FT, 3 years PT

**Intake:** October

**Research areas:** Environment; Social and Cultural Geography; Spatial Planning and Analysis in City Environments; Urban and Regional Governance.

## Entry requirements

A 1st or 2nd class honours degree.

## English language

IELTS 6.5 (6.0 in each sub-score).

## Contact

Student Enquiries  
e: [gandpenquiries@cardiff.ac.uk](mailto:gandpenquiries@cardiff.ac.uk)  
t: +44 (0)29 2087 4022



# Healthcare Sciences



**It can be difficult to keep up with the latest developments and further your healthcare education, whilst balancing work or other commitments. The School of Healthcare Sciences will support you in gaining clinical and academic skills to apply in your workplace and further your career.**

**94%** of our research was classed as **internationally excellent** or **world-leading** (REF 2014)

Cardiff University has achieved **2nd** place in the Guardian University league tables 2018: health professions for the second year running

Students benefit from **innovative clinical and research facilities** and dedicated postgraduate study spaces

## CardiffConnected

"I am very proud to have studied my MSc in Physiotherapy at Cardiff University. The mode of learning at MSc level in Cardiff is primarily self-directed and I found this to be helpful. Most of the classes are interactive sessions and the lecturers are always available to help students. They are also friendly and easy to approach. Resources such as textbooks and journals are readily available to students and there are various other educational and research facilities and equipment available to aid learning. I found the study environment to be conducive to my learning and this helped me develop my academic writing. Cardiff was a peaceful, friendly and fun place to study.

**Omowumi** MSc Physiotherapy graduate (Nigeria)



## Postgraduate Taught

### Core Modules for all programmes:

Research Methods and Health Improvement in Health and Social Care, and Study Skills.

#### Advanced Practice

You will be part of an exciting and innovative programme and you will have the opportunity to choose a pathway that is right for you and your career. This includes a generic pathway or a specialist pathway in Community Health Studies, Education for Health Professionals or Non-Medical Prescribing.

You will be part of a close-knit class where you'll have the opportunity to share ideas and improve your group discussion. You will be supported to develop your independent clinical, leadership and management skills with the support of experienced staff who have a considerable local, national and international reputation.

#### Example modules include:

Transforming Care; Systems and Services through Leadership; Foundations in Advanced Clinical Patient Assessment for Healthcare Professionals

**MSc:** 18 months FT, 4 years PT

#### Advanced Practice (Community Health Studies)

The MSc Advanced Practice (Community Health Studies) course aims to offer a flexible and innovative educational opportunity to professionals working within community health and social care

settings, in order to develop and enhance practice.

**MSc:** 18 months FT, 4 years PT

#### Advanced Practice (Education for Health Professionals)

The Advanced Practice Education for Health Professionals programme offers two routes (Nursing and Midwifery Council [NMC] and non NMC) which focuses on evidence-based approaches to facilitating learning, teaching, inter-professional learning and quality assurance in higher education and clinical practice.

**MSc:** 18 months FT, 4 years PT /

**PgCert:** 1 year FT, 3 years PT

#### Advanced Practice (Non-Medical Prescribing)

This part-time course is designed to prepare nurses, midwives, physiotherapists, podiatrists, paramedics and radiographers to practise as Non-Medical Prescribers, meeting standards set by the Nursing and Midwifery Council (NMC) and the Health and Care Professions Council (HCPC).

**MSc:** 4 years PT

**PgCert in Non-Medical Prescribing:** 24 weeks PT

#### Advanced Clinical Practice

Increasingly, as an advanced practitioner you have to be prepared to deliver complex care traditionally delivered by doctors. We aim to extend your skills to this level through education, clinical experience and supervision from

your own Designated Supervising Medical Practitioner (DSMP).

By undertaking our hands-on programme you'll be part of a School with facilities which enable the development of your skills in a safe environment. You will also undertake associated clinical practice placements which are supported by experts in their field. You'll have the opportunity to hone your independent learning, group discussion skills and be part of stimulating academic tutorial sessions, aiding your career development.

#### Example modules include:

Non-Medical Prescribing; Transforming Care; Systems and Services through Leadership; Foundation in Advanced Clinical Assessment for Healthcare Professionals.

**MSc:** 4 years PT

**PgCert in Advanced Clinical Practice:** 2 years PT

#### Community Health Studies (SPQ)

If you are a registered nurse and want to prepare for work in the dynamic and lively community setting, this programme will provide you with a recordable specialist practitioner qualification with the Nursing & Midwifery Council (NMC). Studying to become a community nurse with us means you will have the choice of qualifying in district nursing or general practice nursing.

Our course is a stimulating blended programme that offers both theoretical study and clinical practice. We have close working relationships with local service

#### Entry requirements

An undergraduate degree in a relevant discipline, please see individual programmes for detail.

#### English language

IELTS 6.5 (5.5 in each sub-score).

#### Contact

e [hcarepgtadmissions@cardiff.ac.uk](mailto:hcarepgtadmissions@cardiff.ac.uk)  
t: +44 (0)29 2068 7538

providers and you will benefit from varied placements supported by an experienced supervisor. You also have the option to incorporate the community practitioner nurse prescribing qualification.

**Example modules include:**

Contemporary issues in district nursing; Contemporary issues in practice nursing; Leadership in community nursing: Transforming care.

**MSc:** 18 months FT, 4 years PT

**PgDip:** 3 years PT

### Specialist Community Public Health Nursing

If you are a registered nurse or midwife and want to prepare for work in the dynamic and lively community setting, working with children and their families, this programme will provide you with a professional award of Specialist Community Public Health Nurse (SCPHN), with subsequent registration on the Specialist Community Public Health Nurse part of the Nursing and Midwifery Council (NMC) register, as a health visitor.

Our course is a stimulating blended programme that offers both theoretical study and clinical practice. You will delve into areas of the principles of Health Visiting, safeguarding children, public health, health promotion and community nurse prescribing. You will benefit from varied placements supported by an experienced supervisor.

**Example modules include:**

Contemporary approaches in SCPHN (Health Visiting) practice; Health visiting practice to safeguard children; Public health: promotion and protection with community nurse prescribing (v100).

**PgDip:** 1 year FT, 2 years PT, 3 years extended PT (Funded)

**MSc:** A further 1 year to gain MSc (Non-funded). Must be undertaken within 3 years of completing PgDip

### Occupational Therapy (pre-registration)

Ranked 1st in the UK for Occupational Therapy by the Complete University Guide 2018, our accelerated programme aims to qualify those, who already hold a degree, as an Occupational Therapist. Once you have successfully completed the course you will be eligible to register with the Health and Care Professions Council (HCPC) and the Royal College of Occupational Therapists.

Our programme is a stimulating blended programme that offers both theoretical study and clinical practice. We have close working relationships with local service providers and you will benefit from varied placements supported by an experienced mentor. You'll receive close academic support from an experienced personal tutor and be taught by experienced staff.

**PgDip:** 2 years FT

**Entry requirements:** 2:2 in any undergraduate degree.

### Occupational Therapy

One of the few MSc courses in Occupational Therapy in the UK for qualified professionals, ranking 1st in the UK for Occupational Therapy (pre-registration) by the Complete University Guide 2018. Our programme aims to develop your knowledge and essential skills to help you progress your career.

Our programme focuses on the acquisition of high quality clinical reasoning skills and the development of innovative ideas based on evidence based practice. You will be supported by experienced staff who are well respected within the profession,

with close links to the College of Occupational Therapists.

**Example modules include:**

Occupational science and occupational therapy theory and application; Evidencing learning in specialist professional practice; Neurorehabilitation: a theoretical basis.

**MSc:** 18 months FT, 4 years PT

### Radiography

Our innovative radiography programme is accredited by the Society and College of Radiographers, and the skills you obtain are transferable to all NHS Trusts, and are recognised overseas. This course aims to expand your knowledge in areas such as image appreciation, radiographic reporting and mammography, and much more.

You will have the opportunity to work with, and be supported by, experienced radiologists and clinical specialists. You will have access to our imaging suite with computed radiography system and PACS for both film viewing experience and for experimental purposes. Designed for qualified healthcare practitioners our course aims to immerse you in all aspects of Radiography practice; both practical and theoretical.

**Example modules include:**

Clinical competence in mammography; Appendicular/Axial Radiographic Reporting.

**MSc:** 18 months FT, 4 years PT

### Image Appreciation

Our Society and College of Radiographers approved course will enable qualified healthcare professionals to carry out clinical image appreciation and use the results in patient management.

Throughout your studies, you will be immersed in all aspects of radiography practice (both practical and theoretical) that will



help you gain invaluable skills that you will use in the further advancement of your profession.

You will have ample opportunity to work in clinical settings with plenty of hands-on experience. Some teaching is given through the interpretation of medical test results. You will also have access to an imaging suite with computed radiography system and PACS.

**Example modules include:**

Appendicular/Axial Image Appreciation; Image Interpretation and Reporting in Mammography.

**PgDip:** 2 years PT

**PgCert:** 1 year PT

### Radiographic Reporting

Meet the ever-changing needs of this fast-developing sector by developing your skills to carry out clinical image reporting tasks in your workplace. Our innovative programme is accredited by the Society and College of Radiographers, and the skills which can be developed are transferable to all NHS Trusts, and are recognised overseas.

Much of the course content is delivered to you by experienced radiologists and clinical specialists, who will support you throughout your studies. You will have access to an imaging suite with computed radiography system and PACS with some teaching given through the interpretation of medical test results.

**Modules Include:** Radiation Science and Protection and Appendicular/Axial Radiographic Reporting, Image Interpretation and Reporting in Mammography.

**PgDip:** 2 years PT

**PgCert:** 1 year PT

### Managing Care in Perioperative and Anaesthesia Practice

This innovative and creative programme has been designed to

provide you with an advanced level of managing patient care. You will have the opportunity to learn from experienced educational and clinical staff who have developed a considerable local, national and international reputation.

You will gain a critical appreciation of current and emerging evidence and reflect upon professional, clinical, policy and management issues. Many theory aspects of the course are contextualised through the use of the operating theatre clinical skills suite, enabling learning in a safe environment.

You will have the opportunity to develop independently, through theory and research, whilst also improving hands-on clinical and problem-solving skills.

**Example modules include:**

Managing Care in Anaesthetic Practice Development; Cardio-Respiratory Physiology and Pathophysiology.

**MSc:** 18 months FT, 4 years PT

### Clinical Photography

If you are a practising photographer working in a healthcare setting, completing our nationally recognised, Institute of Medical Illustrators accredited clinical photography programme, means you will become part of more than 45 years of established history of clinical photography education.

Supported by experienced staff and a personal tutor, you will benefit from face-to-face study days and practical photography sessions in a dedicated training studio. In addition to direct interaction with your peers, support and learning resources are easily accessible to students online at any time. Upon graduation you will be eligible to apply for full membership to the Institute of Medical Illustrators and join the Academy for Healthcare Science's (AHCS) accredited register.

**Example modules include:**

Critical Inquiry: Examination of Photography in Healthcare; Clinical Photography Theory and Practice.

**Distance learning PgCert:** 14 months PT

**Entry requirements:** An honours degree in photography or relevant media related subject, which has a concentration on photography, or a minimum of two years relevant work experience, which must be in accordance with the programme regulations.

### Physiotherapy

You have the opportunity to learn in an environment that is ranked in the top ten in the UK for Physiotherapy (pre-registration) by both the Complete University Guide and the Times Good University Guide 2018.

We aim to develop your evaluative, critical thinking and problem-solving skills, and to increase your practical and theoretical knowledge of physiotherapy in order to advance in your career. You will have the opportunity to work and be supported by internationally renowned researchers as well as clinicians who are experts in their field.

Our course benefits from using some of the latest technology and equipment which is designed to meet the needs of physiotherapists at any stage in their career.

**Example modules include:**

Musculoskeletal Diagnosis and Treatment; Neurorehabilitation: a Theoretical Basis; Cardio-Respiratory Physiology and Pathophysiology.

**MSc:** 18 months FT, 4 years PT

**Entry requirements:** A degree in physiotherapy (UK diploma or equivalent in physiotherapy). Only qualified physiotherapists are eligible to apply.

## Sports and Exercise Physiotherapy

Our well-established and innovative programme is suited to individuals managing people with sport or exercise related injuries (a minimum of two years clinical experience is required).

The curriculum was designed in collaboration with the Association of Chartered Physiotherapists in Sports Medicine (ACPSM) and international organisations such as the International Federation of

Sports Physiotherapists (IFSP). You will have the opportunity to work and be supported by internationally renowned researchers as well as clinicians who are experts in their profession.

On successful completion you will have achieved the theoretical requirements of the Gold Level Association of Chartered Physiotherapists in Sports Medicine certificate and be working at a specialist level within your field.

### Example modules include:

Science of Performance and Injury in Sport; Assessment and Treatment of Sports Injuries; Sport and Exercise Participation; Inter-Disciplinary Management; Injury Prevention.

**MSc:** 18 months FT, 4 years PT

**PgDip:** 1 year FT, 2 years PT

## Postgraduate Research

Ranked as 4th in the UK for research assessed by REF 2014, as well as receiving 1st place for research environment we bring together clinical healthcare professionals and academics in pursuit of excellent research with the aim of improving, influencing and informing healthcare now and in the future, with patients and families at the heart.

### Professional Doctorate of Advanced Healthcare Science and Practice

This exciting part time, inter-professional programme offers a research training package designed to help you gain high level research skills and knowledge, relevant to conducting research directly within your professional and clinical practice. You will do this by developing new understandings of practice, generating/enhancing patient outcomes, and directly influencing professional or organisational change within your workplace, in line with your professional role.

The initial 2 years consist of doctoral training in the form of 6 taught research and professional practice modules (out of 7 modules on offer). The remaining 3 years are allocated for undertaking a research project and production of a doctoral thesis of normally 50,000 words. During this period, you will be allocated supervisors from within our School research themes.

**DAHSP:** 5-7 years

**Intake:** September

**Entry requirements:** Master's or 1st or 2:1 honours degree in an appropriate subject.

### Healthcare Sciences

Our research programme is structured to give you the opportunity to undertake original and independent research in healthcare sciences. It will enable you to make a valuable contribution to knowledge and practice within your profession.

Working closely with our clinical colleagues and across disciplines,

your research will aim to enhance education and healthcare with direct benefits to patients and the public.

You will have the option to choose from one of our research themes: Enhancing Palliative, Emotional and Supportive Care; Workforce, Innovation and Improvement; Maternal, Child and Family Health and Wellbeing; Optimising Health through Activity and Lifestyles.

**PhD:** 3 years FT, 5 years PT

**MPhil:** 1 year FT, 2 years PT

**Intake:** October

**Entry requirements:** Applicants should normally hold a 2:1 degree or the equivalent in a field relevant to the particular project.

### Entry requirements

Please see individual programme.

### English language

IELTS 6.5 (5.5 in each sub-score).

### Contact

Research Office  
e: [hcarephdenquiries@cardiff.ac.uk](mailto:hcarephdenquiries@cardiff.ac.uk)  
t: +44 (0)29 2068 8588

# History, Archaeology and Religion



**Follow your passion for your subject in a highly respected School with a wealth of leading academics, researchers and resources.**

Ranked **12th** in 'Archaeology' in the UK, **20th** in 'History' (**10th** in Ancient History) and **10th** in 'Theology and Religious Studies' in the UK's Research Excellence Framework (REF 2014)

We specialise in History, Ancient History, Welsh History, Archaeology, Archaeological and Historical Conservation, Religious Studies, Theology and Chaplaincy

Latest research projects span a wide geographical, chronological and cultural range, from Roman Caerleon in our native Wales to demonology in ancient Judaism and Christianity

## Cardiff**Connected**

"I found it easy to join the research community and to get involved with the School. The department provides several opportunities for PhD students to work together and to make friends – having our own office especially helps!"

**Ulrika** PhD Ancient History





# Postgraduate Taught

## Ancient History

### Ancient History

Discover the history, society and culture of the Greek and Roman world, through a combination of taught modules and individual research in this flexible programme. Under the supervision of leading experts, you can pursue your own interests from Archaic Greece to Late Antiquity.

#### Example modules include:

Themes and Approaches in Ancient History; Ancient Warfare; Gender, Sexuality and Society in Ancient Greece; The Romanisation of Italy.

**MA:** 1 year FT, 2 years PT

### Ancient and Medieval Warfare

Explore the military history of the Greek, Roman and Medieval worlds in a programme unique in the UK. Taught by leading experts across disciplines, it offers the flexibility to choose your own period or theme, and to research specialist topics using historical, archaeological, and literary evidence and approaches.

#### Example modules include:

Siege Warfare: From Troy to Acre; Themes in Ancient and Medieval Warfare; tailored research topics including Aspects of Greek Warfare and Aspects of the Roman Army; Postgraduate Latin.

**MA:** 1 year FT, 2 years PT

### History and Archaeology of the Greek and Roman World

In this interdisciplinary programme, you will explore the history and archaeology of the ancient world from Archaic Greece to Late Antiquity. It is designed to develop your skills in interpreting literary, artistic and archaeological evidence, building on your first degree in Ancient History, Classics or Archaeology.

#### Example modules include:

Themes in Classical Archaeology; Approaches to Ancient Art; Romanisation of Italy; The Archaeology of Death & Commemoration and tailored research topics including Domestic Space in Classical Antiquity.

**MA:** 1 year FT, 2 years PT

### Late Antique and Byzantine Studies

Analyse Late Antiquity and the Byzantine empire, choosing to specialise in one sphere or explore both. Your experience will be enriched by our expertise across history, culture and religion, informed by the latest research of the Centre for Late Antique Religion and Culture.

#### Example modules include:

Rhetoric and Philosophy in Late Antiquity; Themes in Late Antique and Byzantine Studies; Special Topics including Aspects of Late Antiquity and Byzantium, Julian the Apostate and Byzantium: The Golden Age.

**MA:** 1 year FT, 2 years PT

## History

### History

Develop a sophisticated understanding of historical themes or topics in a flexible programme offering a broad chronological, geographical and thematic range. You will gain a thorough grounding in historical theory and research methods, alongside more subject-based knowledge through a choice of modules spanning the medieval to the modern periods.

#### Example modules include:

Order and Disorder in the Early Modern World; Reading modernity: Culture and Society in Britain and America; Modernity, Empire and Resistance in the Non-Western World; Central European History; Modern European Languages for Historians.

**MA:** 1 year FT, 2 years PT

### Medieval British Studies

Acquire a broad knowledge of the medieval period in the British Isles in this interdisciplinary programme.

Taught by medievalists active in the Centre for the Study of Medieval Society and Culture, you will discover fresh perspectives, building skills across medieval history, archaeology, English literature and Welsh. We offer the flexibility to specialise to suit your interests and opportunities to evaluate sources using newly-acquired skills in palaeography, Medieval English or Latin.

### Entry requirements

You will ideally possess a higher education degree with a 1st or good 2:1 Honours (UK) from a related humanities and social science discipline.

### English language

IELTS 6.5 (6.5 in each sub-score).

### Contact

School Admissions  
e: [share-admissions@cardiff.ac.uk](mailto:share-admissions@cardiff.ac.uk)  
t: +44 (0)29 2087 4929

**Example modules include:**

Belief and Disbelief; Diplomacy in the Middle Ages; Gender in the Middle Ages; The Military Orders; Palaeography.

**MA:** 1 year FT, 2 years PT

## Welsh History

Investigate historical and cultural aspects across early modern and modern Welsh History, from the late eighteenth century onwards, with experts passionate about their subject. Develop a sophisticated understanding of themes or topics you find truly fascinating, in a flexible programme offering chronological and thematic range. You will gain a thorough grounding in research and historical theory, choosing English or Welsh-medium supervision for your dissertation.

**Example modules include:**

Topics in the history of Wales from the 18th century to the 1980s; opportunities to follow your research interests, drawing on a wealth of local archives and special collections.

**MA:** 1 year FT, 2 years PT

## Archaeology

### Archaeology

Enjoy the freedom to shape your own programme. Combine periods, topics and regions, take an interdisciplinary approach or specialise in Early Medieval Society and Culture, or Prehistoric Britain and Europe.

Renowned for our particular expertise in the British Isles, Europe and the Mediterranean area, our experts teach from the Neolithic through to the Celtic, Roman and Viking periods. True to our legacy as one of the first universities in the UK to advance the discipline, Archaeology at Cardiff is broad-ranging and topical, reflecting what the discipline can and should contribute to society.

**Example modules include:**

Later Prehistory of Britain; Artefact Illustration; The Archaeology of Death and Commemoration; Britain and Ireland in the Neolithic and Viking Britain and Ireland.

**MA:** 1 year FT, 2 years PT

## Archaeological Science

Master the skills of an archaeological scientist in a dynamic programme taught by leading experts. Our programme combines scientific training with thematic and period-based study, giving you the freedom to tailor your studies to suit your ambitions as a practicing archaeological scientist or researcher. Whether you're looking to specialise in biomolecular archaeology, osteoarchaeology or zooarchaeology or to take a general approach, you'll find a wide range of modules on offer.

This programme is particularly suitable for graduates in Archaeology or relevant disciplines (such as conservation, heritage, biology, chemistry and geography).

**Example modules include:**

Zooarchaeology; Biomolecular Archaeology; Human Osteoarchaeology; The Archaeology of Death and Commemoration.

**MSc:** 1 year FT, 2 years PT

## Early Celtic Studies

Develop a critical understanding of the Celtic world in this interdisciplinary programme drawing on archaeological, historical, literary and mythological sources. Studying in a modern Celtic capital with experts from Archaeology, English, History and Welsh, you are additionally well-placed to access key specialist collections and western Britain's major Celtic sites.

**Example modules include:**

Later Prehistory of Britain; Post-Roman Britain and Ireland; The

Early Celts; Celtic Mythology and Religion.

**MA:** 1 year FT, 2 years PT

## Conservation

Dedicated to training the next generation of conservators, our Conservation programmes are particularly suitable for graduates in archaeology, history, ancient history, conservation and the sciences. If you have an arts based degree you must supply evidence of the highest level of education within science that you have achieved.

## Care of Collections

This vocational programme offers exceptional training in preventive conservation and the management of cultural and heritage collections, regardless of humanities or science background. You will become adept in the skills essential for a heritage career, including project design and report writing, and gain valuable museum or heritage experience.

**Example modules include:**

Assessment and design for collections care; Scientific approach in conservation practice; Analysis in heritage science; Collection care in the museum environment; Materials in the museum environment.

**MSc:** 1 year FT, 2 years PT

## Conservation Practice

Designed as a conversion programme for humanities and science graduates seeking a career in Conservation, this highly respected two-year programme equips you with a sophisticated understanding of theoretical principles and practical applications. Over the two years, you will become adept in the care and protection of cultural heritage artefacts through hands-on experience,

amassing considerable experience of working on cultural heritage objects from the UK and across the globe.

**Example modules include:**

Museums collections management; Managing metallic and inorganic cultural heritage; Designing research in heritage science; Advanced practical projects; Making conservation decisions.

**MSc:** 2 years FT

## Professional Conservation

This highly-regarded programme teaches the design, execution and delivery of research in conservation and conservation science via seminars and laboratory practice. Taught by internationally respected researchers, it is designed to meet the needs of conservators and science graduates wishing to expand into this exciting field. The programme gives you flexibility to specialise in a variety of areas to suit your interests and career direction.

**Example modules include:**

Analysis in heritage science; Assessment and design for collections care; Scientific approach in conservation practice; Materials and the museum environment; Making conservation decisions.

**MSc:** 1 year FT, 2 years PT

## Religious Studies

### Religious Studies

Explore the great religious and cultural transformations of Late Antiquity or discover the religious literature and culture of South Asia or China with our pathway options.

Based in the Centre for Late Antique Religion and Culture, Religion in Late Antiquity examines the landmark period when contemporary world faiths emerged (200 – 800AD), taking theological, historical and linguistic approaches to religions, ranging from Christianity and Judaism to Greco-Roman Paganism.

Studying in the Centre for the History of Religion in Asia, you can explore the religions of South Asia or China in combination or individually in our Asian Religions pathway, drawing on expertise ranging from Chinese Buddhism to ancient Indian religious traditions.

You can investigate sources in further depth by learning a classical language (Arabic, Ancient Greek or Latin/Late Antiquity or Sanskrit/Asian Religions), if you wish.

**Example modules include:**

Asian Religions; Themes in Late Antique and Byzantine Studies or Asian Religions; Religion and Culture in Late Antiquity; Rhetoric and Philosophy in Late Antiquity.

**MA:** 1 year FT, 2 years PT

## Islam in Contemporary Britain

Gain the social science skills essential to pursue high calibre research of Islam in Britain today within the flagship Centre for the Study of Islam in the UK. Ideal for



**Caerau Hillfort excavations - the award-winning CAER Heritage Project is a beacon of engagement in action, revealing the history of South Wales' ancient powerhouse in ongoing excavations since 2011**



professional development within the public sector, our rewarding programme delivers in-depth understanding of the theoretical and conceptual vocabulary surrounding British Islam plus the skills to undertake high quality research according to social sciences professional ethics codes.

**Example modules include:** History and Development of Muslim Communities in Britain; Contemporary Debates in British Muslim Studies; Muslims in Britain Today; Social Theory and Research Design.

**MTh:** 1 year FT, 2 years PT

**PgDip:** 1 year FT, 3 years PT

### Theology

Deepen and consolidate your understanding of theological issues in this wide-ranging Masters. Designed for those in ministry or seeking to continue and expand theological study, this programme is particularly suitable for reflecting critically on professional practice. Choose to specialise in Church History, Practical Theology, Biblical Studies, Doctrine or Children, Families and Youth Ministry. (The latter is available exclusively

part-time). Teaching takes place in three short residential schools per year (four or eight days each semester/part or full-time with online tutorial support throughout).

**Example modules include:** Hermeneutics for Research and Ministry; Continuity and Change: Ministry in Contemporary Society; Theology of the Child; Contours of Christian Theology; The Horrors We Bless (Old Testament Texts).

**MTh:** 1 year FT, 2 years PT

**PgDip:** 1 year FT, 2 years PT

**PgCert:** 1 semester FT, 1 year PT

### Chaplaincy Studies

Gain a respected qualification tailored to your professional development in this part-time Master's programme. You can take a generalist route, or specialise in Military, Education, Healthcare or Sports. Teaching is via four short residential schools per year with online tutorial support throughout. You will study with fellow chaplains from all sectors in an enriching environment that integrates interdisciplinary study and practical theological reflection.

**Example modules include:** Perspectives and Skills for

Chaplaincy; Critical Reflection on Practice; Faith, Belief and Spirituality; Ethics and Values in Chaplaincy; Mental Health Issues in the Context of Chaplaincy.

**MTh:** 2 years PT

**PgDip:** 2 years PT

**PgCert:** 1 year PT

### Chaplaincy Studies: Military

Acquire a respected qualification tailored to the professional and vocational development of military chaplains in this part-time three year, multi-faith Master's programme. Teaching is via four short residential schools per year with online tutorial support throughout. You will study with fellow chaplains from all sectors in an environment which integrates interdisciplinary study and practical theological reflection.

**Example modules include:** Practical Theology: Resources and Methods; Faith, Belief and Spirituality; Moral Issues in the Context of Military Chaplaincy; Perspectives and Skills in the Military Environment.

**MA:** 3 years PT

## Postgraduate Research

### Ancient History

Pursue original research, within a passionate community of research-active academics investigating political and social history and the interpretation of epigraphic and archaeological evidence.

**PhD:** 3 years FT, 5 years PT

**MPhil:** 1 year FT, 2 years PT

**Intake:** January, April, July, October

**Research areas:** Ancient Medicine and Science; Gender and Sexuality; the Greek City-state; Housing and the Built Environment; Political and Social history; Warfare in Antiquity;

History and Archaeology of Archaic Societies; Italy and the Western Roman Provinces; the Later Roman and Early Medieval Periods.

**Entry requirements:** Suitable for graduates in ancient history, classics, classical archaeology and related humanities and social science disciplines.

#### Entry requirements

Applicants will ideally possess: a UK higher education degree with a 1st or good 2:1 Honours, and a master's degree or a minimum of two years experience in a

position of responsibility relevant to the proposed course of study.

#### English language

IELTS 6.5.

#### Contact

School Admissions  
e: [share-admissions@cardiff.ac.uk](mailto:share-admissions@cardiff.ac.uk)  
t: +44 (0)29 2087 4929

## Archaeology

Among the first UK universities to advance Archaeology and Conservation, today our contribution is broad-ranging, influential and topical.

**PhD:** 3 years FT, 5 years PT

**MPhil:** 1 year FT, 2 years PT

**Intake:** January, April, July, October

**Research areas:** British and European Prehistory; the Eastern Mediterranean; the Roman and Post Roman Empire; the Medieval World; Archaeological Science and Historiography; Bioarchaeology and Numismatics; Ancient Egypt; the Anglo-Saxon age; Medieval Culture and Society.

**Entry requirements:** Suitable for graduates in archaeology, history, ancient history, conservation science and chemistry, and other related and relevant disciplines in the humanities, social sciences, and biological and physical sciences.

## Conservation

Recognised internationally for high quality research, our strength is the generation of original, empirical data to guide professional practice in the heritage sector.

**PhD:** 3 years FT, 5 years PT

**MPhil:** 1 year FT, 2 years PT

**Intake:** January, April, July, October

**Research areas:** Composition, decay and preservation of materials; evaluation of conservation treatments and practices; management of heritage assets; environmental control for preservation.

**Entry requirements:** Suitable for graduates in archaeology, history, ancient history, conservation science and chemistry, and other related and relevant disciplines in the humanities, social sciences, and biological and physical sciences.

## History and Welsh History

Conduct your choice of unique historical research with the freedom to explore exciting subjects across a broad chronological, geographical and thematic range.

**PhD:** 3 years FT, 5 years PT

**MPhil:** 1 year FT, 2 years PT

**Intake:** January, April, July, October

**Research areas:** Medieval Britain and the wider world; early modern and modern Wales; Britain and Europe; twentieth-century European authoritarian regimes; modern China, India and Japan; historiography; the histories of international migration, gender and medicine.

**Entry requirements:** Suitable for graduates in history, and related humanities and social science disciplines.

## Religious and Theological Studies

With research strength across all major religions, we offer a broad scope for the pursuit of excellence in a wide range of specialisms.

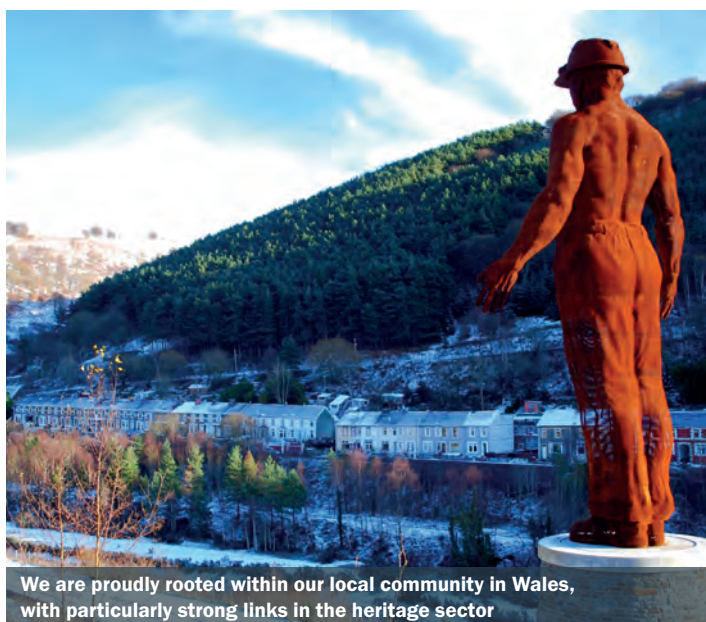
**PhD:** 3 years FT, 5 years PT

**MPhil:** 1 year FT, 2 years PT

**Intake:** January, April, July, October

**Research areas:** Religion in the contemporary world; Early Christianity; Islam and Asian Religions; Narrative Traditions in Asia (hagiography, biography, translation and commentary); the Interface Between Religion and Society in the Contemporary World; Biblical Theology; Hermeneutics; Doctrine in Contemporary or Historical Perspectives; Reformation and Contemporary Church History; Practical Theology; Mission and Evangelism; Chaplaincy; Christianity in Contemporary Wales.

**Entry requirements:** Suitable for graduates in a wide variety of disciplines within the humanities and social sciences.



We are proudly rooted within our local community in Wales, with particularly strong links in the heritage sector

# Journalism, Media and Culture



**The School is top-rated in the UK for its teaching and research, helping to shape international media, journalism and communication landscapes.**

Internationally, we are **ranked amongst the world's very best** Communication and Media Studies Schools (QS World University Rankings by Subject 2017)

The School is situated **in the heart of Cardiff's vibrant cultural and creative sector**, alongside local and national media companies, including BBC Wales

Industry accreditation recognises our journalism (television, radio, online, magazine) and public relations courses to be **highly valued** by graduates and employers alike

## Cardiff**Connected**

"The School of Journalism, Media and Culture is one of the best schools for journalism studies in Europe. The School is big enough to attract top academics, yet small enough to get to know everyone and feel at ease. The tutors are very approachable and always happy to help you achieve your full potential. The choice of modules and the various backgrounds of my fellow students created a fantastic learning environment."

**Sandra** MA Journalism, Media and Communications





## Postgraduate Taught

### Broadcast Journalism

This course covers training for television, radio and digital journalism. It features a three-week industry placement in the second semester and aims to help you get your first job in a highly competitive industry.

You'll learn how to find, gather and broadcast your stories, using our industry-standard studios and facilities. You'll also learn how to use social media platforms such as Twitter and Instagram professionally - preparing you for a career in multimedia broadcast newsrooms. You'll leave us with an MA that is widely recognised as being at the forefront of postgraduate broadcast training and is accredited by the Broadcast Journalism Training Council (BJTC).

#### Example modules include:

Broadcast Journalism; Media Law and Ethics; Data Journalism and a Specialist Module (e.g. Politics, Business, Sport, Lifestyle or Motoring).

**MA:** 1 year FT

**English language:** IELTS 7.5

### Computational and Data Journalism

This course will help you unlock the powerful world of computational and data journalism to tell insightful and important stories, by interpreting and visualising data in compelling new ways, and understanding what computational tools and techniques can bring to the industry.

This industry-informed and hands-on course combines the

foundations of good journalism such as a commitment to ethical reporting with the latest programming techniques to create highly skilled and in-demand digital storytellers, newsroom developers and data journalists.

It is jointly delivered by Cardiff University's internationally respected Schools of Journalism, Media and Culture and Computer Science and Informatics.

**Example modules include:** Python for Data Analysis; Web Application Development; Digital Investigation; Data Journalism; Business and Financial Journalism.

**MA:** 1 year FT

### Cultural and Creative Industries

This course reflects contemporary knowledge, theory, practice and research at the forefront of academic and professional study in the creative industries, and aims to produce graduates who have the skills and competencies needed to meet the dynamic challenges of one of the fastest growing employment sectors in the UK.

Supported by leading-edge research and professional practice in this area, the course offers a balance of theory and professional study, enabling you to identify emerging areas of opportunity within the creative industries.

**Example modules include:** Introduction to Creative Industries; Critical Issues in Creative Labour; Creative Management of Social and Digital Media; Practice and Theory of Digital Creativity.

**MA:** 1 year FT

### Digital Documentaries

Across TV, YouTube, cinema and streaming services, documentaries are a vital, successful and constantly evolving media and this course enables you to turn your ideas into innovative films for a variety of audiences.

You will achieve this by initially learning how to integrate the theory and practice of documentary filmmaking, and later through intensive practical workshops, one-to-one guidance and group sessions you will learn to locate subjects and stories that matter to you, find a method of making, and a mode of encounter, with your subject, develop distinct shooting and editing strategies, and evolve your own unique visual language.

#### Example modules include:

Documentary Practice; Directing the Documentary; Documentary Studies; Specialist Skills; Global Crisis Reporting.

**MA:** 1 year FT

### Digital Media and Society

The course explores the role of new digital media in shaping and transforming society. It investigates how big data affects our lives, how citizen journalism and digital culture change established institutions, how social media affects politics and business, and how technology is related to power and social change.

The course provides a thorough theoretical and methodological grounding in media and communication studies and

#### Entry requirements

All programmes need a minimum of a 2:2 at undergraduate level unless stated.

#### English language

IELTS 7.0 (6.0 in each sub-score) unless stated

#### Contact

Student Support  
e: jomecstudentsupport@cardiff.ac.uk  
t: +44 (0)29 2087 4156

specialist knowledge in areas such as social media, big data, privacy and surveillance, internet governance, digital rights, and citizen journalism.

**Example modules include:**

Understanding Digital Media; Citizen Journalism and Digital Publics; Social Media and Politics; Big Data and Everyday Life.

**MA:** 1 year FT

## International Journalism

Suited to those with an international outlook the course offers a mixture of practical journalistic and academic skills that aim to foster the next generation of foreign correspondents.

The multicultural nature of the course means you work alongside aspiring journalists from around the globe, many of them with media experience in their own country. This provides a richness of exposure to comparative international media practices.

Students get to specialise in broadcast, documentary or multi-media, working on online news packages and films each week.

**Example modules include:** Global Crisis Reporting; Reporting the Middle East; Reporting Health and Science; Reporting Business, Finance and Economics; Foreign News Reporting.

**MA:** 1 year FT

## International Public Relations and Global Communications Management

This course offers a mix of practice, theory and advanced academic study. It develops the skills and techniques required to practice public relations and communications management at an international level, and an understanding of the PR practitioner's role as guardian of corporate reputation.

The course is accredited by the Chartered Institute of Public Relations (CIPR) and is one of only ten Public Relations and Communications Association (PRCA) Partner Universities in the UK.

**Example modules include:**

International Public Relations Theory and Practice; Digital Communications Management; Research Methods; Global Communications Management; Project Based Dissertation

**MA:** 1 year FT

## Journalism, Media and Communications

The course provides insight into how journalism and the media is changing in a globalised context – from journalism ethics to internet governance, from community media to global communications, and from crisis reporting to the transformative potential of new technologies. It also provides research skills training and attracts students from around the globe.

The course provides a thorough theoretical and methodological grounding in media and communication studies and is suitable for anyone interested in the advanced academic study of journalism.

**Example modules include:**

Understanding Digital Media; Citizen Journalism and Digital Publics; Social Media and Politics; Big Data and Everyday Life; Putting Research into Practice.

**MA:** 1 year FT

## Magazine Journalism

Our Magazine Journalism course prepares you for your first job in magazine media.

You will learn how to write punchy news stories, get the most from an interview, produce varied feature packages, layout both print and digital content, sub edit work and build your brand.

We will teach you how to produce magazine content for different magazine markets such as glossy fashion monthlies, quirky independent quarterlies, weekly titles for business people and customer magazines for retailers.

You will also learn how to pitch your portfolio when freelancing and the course is fully accredited by the Professional Publishers Association (PPA).

**Example modules include:**

Reporting and Writing; Production Skills; Advanced Features; Data Journalism and a Specialist Module (e.g. Politics, Business, Sport, Lifestyle or Motoring).

**MA:** 1 year FT

**English language:** IELTS 7.5

## Media Management

This course is designed to provide you with a solid background in business management theory and practice, and an opportunity to gain specialised media knowledge and skills to excel and adapt in the field of media management. It combines the core ingredients of the long established MBA programme, with the opportunity to understand the management challenges of the media industry, which is vital to the success of many advanced and emerging creative economies.

**Example modules include:**

Global Communications; Digital Media Management; Strategic Management and Developing and Launching; Managing a Media Enterprise.

**MBA:** 1 year FT

**MA:** 1 year FT

**English language:** IELTS 7.0 (6.0 in each sub-score).

**Contact:**

Postgraduate Admissions Office  
e: carbs-pg-admissions@cardiff.ac.uk  
t: +44 (0)29 2087 6953

## News Journalism

News journalism is driven by technology, embraces entrepreneurialism and is full of opportunity. But truth, accuracy and reputation remain at the heart of what we do as we train the journalists of the future.

You will be taught how to find, produce and publish compelling stories and develop the widest possible audience for them using social media. You'll write stories, create images, produce videos and audio using the most relevant tools, software and platforms available.

We have a strong focus on employability and a near-100% record of our students working as journalists after completing the course. You'll train in our industry-standard newsroom, produce real-world journalism and get the chance to do placements at the biggest news organisations in the world.

The course is accredited by the National Council for the Training of Journalists at the gold standard.

**Example modules include:** News Journalism; Media Law and Ethics; Data Journalism and a Specialist Module (e.g. Politics, Business, Sport, Lifestyle or Motoring).

**MA:** 1 year FT

**English language:** IELTS 7.5

## Political Communication

This course explores the rapidly evolving role of communication in political life, both nationally and internationally, and examines how changes including the increasing importance of 'spin doctors', image-based politics, the 24-hour news cycle and the globalisation of media are shaping politics. The course also engages with the relations and interplays between the media and non-institutional politics.

It is suitable for those interested in an advanced academic study of political communication or a career in political communication, as well as those already working in the industry.

**Example modules include:** Social Media and Politics; Electoral Behaviour, Public Opinion and the Media; Debates and Concepts in Media and Communications; Media and Political Understanding; Project Based Dissertation.

**MA:** 1 year FT

**English language:** IELTS 7.5

## Science Communication

This degree aims to offer knowledge and expertise relating to the organisation and funding of scientific research, the reporting of scientific innovation and controversy, and the role of citizens, experts and the media in scientific decision making and science communication. You will receive training in presenting science via news media or directly to audiences ranging from school children to the general public. This joint interdisciplinary degree is offered by the School of Social Sciences and the School of Journalism, Media and Culture.

**Example modules include:** Media, Science and Health; Governing the Internet: Digital Freedoms and Restrictions; Introduction to Science, Technology and Society; Public Engagement with Science and Technology.

**MSc:** 1 year FT

**Entry requirements:** 2:1 at undergraduate level or equivalent. Preferably a Science, Technology, Social Science, Engineering or Maths subject. Relevant experience will be considered.

## Postgraduate Research

### Journalism Studies

Our PhD/MPhil programme covers all projects that we supervise within the fields of journalism, media and cultural studies.

A key strength of our research environment is the dialogue between research and practice-

based staff, which helps us to deliver impactful research outcomes in terms of practice and policy in the wider world.

**PhD:** 3 years FT, 5 years PT

**MPhil:** 2 years FT, 2-3 years PT

**Intake:** We strongly recommend September start dates, but under

some circumstances we can accept students in January and April.

**Research areas:** Digital Media and Society; Journalism and Democracy; Media, Culture and Creativity; Communication and Human Security; Science, Health and the Media.

### Entry requirements

Applicants should possess, or predicted to attain, a 1st (or equivalent) in their undergraduate degree.

### English language

IELTS 7.5.

### Contact

Student Support  
e: jomecstudentsupport@cardiff.ac.uk  
t: +44 (0)29 2087 4156





**We are committed to providing an outstanding teaching and learning experience and our teaching is underpinned by our excellent research activity.**

**84%** of our research was rated as **world-leading or internationally excellent** (REF 2014)

**80%** of our research has been deemed **outstanding** for its impact in terms of its reach and significance

**97%** of our graduates of 2015/16 who were available for employment had secured work or further study\*

\*combined data for the School of Law and Politics

## CardiffConnected

"I decided to take a master's degree at Cardiff because I felt it had the expertise to give me the knowledge I needed. During the course I developed a deeper interest in the subject and so I decided to move on to a PhD. I was also encouraged by my tutors in terms of the support I was given. The Law School has a very interactive learning environment. Not only that, but both tutors and fellow students alike helped organise social activities for the students on the LLM Human Rights Law."

**Ivan** PhD in Law



# Postgraduate Taught

## Canon Law

The programme provides academic training in the scholarly study of church law, with a substantial emphasis on practical application. You will have the opportunity to study topics in-depth and conduct research in areas of canon law of particular interest to you. This degree provides an opportunity for critical appraisal of Ecclesiastical Law in the context of relevant national and international law.

This course is relevant for practising lawyers, those involved in the administration of church law, and academics who recognise the cutting-edge nature of disciplined research in religion and law. The LLM Canon Law is the first degree of its type at a British University since the Reformation.

### Example modules include:

Conceptual Foundations and Historical Development of Canon Law; Government and Ministry in Canon Law; Doctrine, Liturgy and Rites in Canon Law; The Interface of Canon Law; Civil Law.

### Distance learning:

**LLM:** 2 years PT

**PgDip:** 2 years PT

**PgCert:** 1 year FT

## European Legal Studies

Increasing interactions between European countries and their legal systems have led to a growing demand for lawyers who can interact with legal systems other than their own. This degree offers an opportunity to develop

your own perspective on the implications of 'legal Europe', looking at both national and supranational systems.

It enables you to explore the issues and participate in debate, while developing your own legal skills and understanding. In addition, it provides valuable training for a career in modern legal practice, in European, international and Government organisations, or in legal research.

### Example modules include:

Constitutionalism in the Central European Union; Criminal Justice in Europe; EU Internal Market Law; Environmental and Climate Change Law.

**LLM:** 1 year FT

## Governance and Devolution

The past decade has seen massive structural changes to the constitutional arrangements of the United Kingdom. The LLM Governance and Devolution programme explores these structural changes, the most obvious being the creation of legislative and executive bodies in Scotland and Wales, together with a resumption of devolved government in Northern Ireland.

The programme explores the opportunities and tensions created by these innovations and will also explore the less public shifts in the relationships between the three branches of government. Issues concerning accountability, democratic engagement and what constitutes 'good governance' are

explored to give an understanding of the broader relationships between the 'regions' and tiers of government/governance at the state and EU levels.

### Example modules include:

Constitutionalism and Governance and the Law of Devolution in Wales.

**LLM:** 1 year FT

## Human Rights Law

The human rights revolution of the last 50 years has had a huge impact. Global and regional human rights treaties now infuse domestic legal codes, reconfiguring many civil law and common law principles.

This programme critically analyses the domestic and international impact of the major UN and European Conventions – both civil and political, as well as the socio-economic and cultural. It aims to provide a sound knowledge of the theory and the legal rules applicable to international human rights treaties and their domestic counterparts.

### Example modules include:

Human Rights; Health and Disability; Consent to Treatment; International Humanitarian Law; Global Justice.

**LLM:** 1 year FT

## Intellectual Property Law

Intellectual property law is a crucial part of an innovative and creative economy, and has become central to government and international policy. There is a need for expertise in the field

### Entry requirements

Applicants should have a good Honours degree in Law (2:2 or equivalent) unless stated.

### English language

IELTS 6.5 (6.5 in writing and 6.0 in all other sub-scores) unless stated.

### Contact

Admissions Team  
e: lawpladmissions@cardiff.ac.uk  
t: +44 (0)29 2087 6102

for lawyers, policy makers and others involved with developing a knowledge economy. This programme aims to meet the needs of students, lawyers, policy makers and others who wish to study intellectual property law from an international and comparative perspective.

It provides an overview of current issues in specific areas of intellectual property law, both domestic, EU and international, with a critical evaluation of current and proposed regulation.

**Example modules include:**

Innovation Policy and the Law; Patents and Trade Secrets; Comparative and International Perspectives; Copyright; Comparative and International Perspectives; Trade Marks; Comparative and International Perspectives.

**LLM:** 1 year FT

## International Commercial Law

Commercial law in a fast paced globalised economy presents both challenges and opportunities.

Expert lawyers are needed to meet these challenges and seek opportunities, particularly when giving advice that can have considerable financial consequences.

This course is one of our most popular and long established LLM programmes and is respected by top international commercial law firms. It contains theoretical and applied elements which will equip you for roles within banking, finance and trade.

**Example modules include:**

Commercial Arbitration; Comparative Corporate Governance; International Banking Law; International Commercial Maritime Law; Islamic Finance Law.

**LLM:** 1 year FT

## Law

The LLM programme has been designed to give you the greatest flexibility to pursue advanced legal study in any area that you wish.

You can follow any of the modules available in the year of study from the lists of the specialised LLM programmes, and complete a dissertation.

Our LLM Programme offers the knowledge and expertise to enable you to contribute more fully to your chosen profession through the development of intellectual competence and postgraduate skills.

**Example modules include:**

Competition Law; Energy Law and Policy; Global Health: Law and Governance; Money Laundering and Financial Crime; The Child and the State: Law and Policy.

**LLM:** 1 year FT

## Legal and Political Aspects of International Affairs

In recent years, key global issues have raised the profile of international affairs substantially. Lawyers are increasingly required to understand the law and political issues which influence how States behave.

This programme will help you build the necessary level of expertise to work in the fast-growing world of international affairs. It offers tuition from established experts in both international law and international relations in a stimulating and challenging environment. This programme offers an international perspective, with emphasis on international conventions as well as political reality.

**Example modules include:**

Human Rights and Global Justice; International Humanitarian Law; International Refugee Law; Asylum Law of the Sea.

**LLM:** 1 year FT

## Legal Aspects of Medical Practice

In recent years, the law relating to medicine and healthcare has become increasingly complex and patients are becoming more aware of their legal rights. This has significant consequences for medical practices and questions of legal liability and compensation. Changes in the structure of the NHS are also giving rise to a number of important legal problems.

This programme aims to provide a sound knowledge of the legal rules applicable to, and the issues surrounding, the practice and administration of healthcare, as further changes make a deeper understanding of the field ever more significant. This part-time, distance-learning course provides the opportunity to study topics in-depth and conduct research in areas of medical law of particular interest to you.

**Example Modules:** Students are required to take four modules over the eight weekends of the course. They are Introduction to Medical Law, Consent to Treatment, Clinical Negligence and Law and Psychiatry and Ethics in Judicial Decision-Making.

**Distance learning:**

**LLM:** 2 years PT

**Entry requirements:** Applicants should have a good honours degree in Law (2:2 or equivalent). Candidates may be qualified in medicine, dentistry, pharmacy or nursing, veterinary science or any relevant discipline, or have served for a substantial period of time within the National Health Service or related administration.

## Shipping Law

Around 90% of global trade is carried by sea. It remains the most cost efficient method for transporting raw materials and finished products around the world.



This requires a complex network of contracts involving ship owners and operators, cargo owners, banks and insurers.

The United Kingdom has a long standing expertise in the law relating to these transactions, and provides dispute resolution services for parties with no connection to the UK. This course offers a detailed investigation of the theoretical and practical issues that arise within maritime law and can help you to develop the expertise necessary to become a specialist in this major area of commercial law. It stimulates a critical approach to evaluation of current and proposed regulation and cultivates independent and original thought.

**Example modules include:**

Carriage of Goods by Land, Sea and Air; International Commercial Maritime Law; International Sales Law; Law of the Sea; Marine Insurance

**LLM:** 1 year FT

## Social Care Law

Community care law and the law relating to people with mental health problems affect virtually every person in the UK at some time in their lives. Despite the fundamental importance of the law in these fields, its study has been largely neglected by university master's programmes.

This programme focuses on community care and mental health law, policy and practice in England and Wales. It explores the origins of the law in both fields: the growth of the asylum and the development of the Poor Law and critically analyses the current legal regimes as well as the policy, research and theoretical socio-legal contexts in which these legal regimes exist.

**Example modules include:**

Social Care Rights; Community care, Human Rights; Disability; Mental Health.

**LLM:** 1 year FT

**Entry requirements:** Suitable for graduates from any field who wish to study social care law.

## Social Science Research Methods (Social-Legal) (Law)

Our MSc in Social Science Research Methods aims to provide advanced training in research methods across the full range of the social sciences. You will be provided with a thorough theoretical and practical knowledge of how to construct effective research studies, of the variety of data collection methods available to the social scientist, and of the principal methods of analysing social scientific data.

You will also be introduced to the political and ethical frameworks within which social science research is conducted, and to some of the ways in which the results of social science research are disseminated.

This pathway builds on our long established reputation for scholarship in the area of socio-legal studies and is focused on the Centre for Law and Society and the Journal of Law and Society, which the School founded and has hosted for almost 40 years.

**MSc:** 1 year FT, 3 years PT

**PgDip:** 1 year FT, 2 years PT

**Contact:** Postgraduate Office  
e: lawpol-pgr@cardiff.ac.uk  
t: +44 (0)29 2087 4351

## Professional Training Programmes

### Graduate Diploma in Law (GDL)

The GDL is for those who already possess a degree in a non-law subject and wish to qualify as solicitors or barristers. After the GDL, you may decide to progress to the vocational stage of legal

training: either BPTC or the LPC, both of which are offered by this School. Alternatively, you may proceed to legal work in some other capacity, with the option of pursuing full qualification later.

**Example modules include:**

English and Welsh Legal System; The Law of Contract; Crime, Equity and Trusts; EU Law; Public Tort; Extended Essay.

**GDip:** 1 year FT, 2 years PT

**Entry requirements:** Usually a 2:2 honours degree or above, or the equivalent in the case of degrees from non-UK universities. Applicants whose first language is not English or Welsh must provide an IELTS certificate level 6.5, no more than two years old, with a minimum of 6.5 in writing and sub-scores of no less than 6.0 in reading, speaking and listening. All scores must have been achieved in one sitting of the test.

**Contact:** Shani Hughes  
e: law-gdl@cardiff.ac.uk  
t: +44 (0)29 2087 6106

## Bar Professional Training Course (BPTC)

The Bar Professional Training Course (BPTC) is the postgraduate course for those who wish to qualify as a barrister in England and Wales. To become fully qualified you will also need to undertake a one year period of work-based training (pupillage).

This programme is a skills-based intensive course designed to prepare a prospective barrister for pupillage. It will equip you to deal with the demands of legal practice, and lay the foundation for your future as a barrister. The BPTC will ensure you acquire the skills, knowledge of procedure and evidence, attitudes and competence required during pupillage.

You can study for a Master's (LLM) or a Postgraduate Diploma (PgDip). The LLM includes an

additional research project or reflective portfolio of 8,000 words, submitted after the end of the taught part of the course.

**LLM or PgDip:** 1 year FT

**Entry requirements:** Usually a 2:1 class degree or higher (a 2:2 class degree will be considered on a case-by-case) either (a) in law, or (b) in any other subject combined with a law conversion course (CPE/GDL). To enrol a student must have: been admitted as a student member of one of the four Inns of Court; satisfied the English language requirement and passed the Bar Aptitude test.

**Contact:** Shani Hughes BPTC  
e: law-bptc@cardiff.ac.uk  
t: +44 (0)29 2087 6106

## Legal Practice Course (LPC)

The Legal Practice Course (LPC) is the main postgraduate course for those who wish to qualify as a solicitor in England and Wales. To become fully qualified, you will also need to undertake a two year period of work-based training (a training contract). The LPC will ensure that you acquire the skills and knowledge to prepare you for this work-based training. It will equip you to deal with the demands that are likely to be made of you in legal practice, and lay the foundation for your future as a solicitor by encouraging habits of competence, confidence and professionalism.

You can study for a Master's (LLM) or a Postgraduate Diploma (PgDip). The LLM includes an additional research project or reflective portfolio of 8,000 words submitted after the end of the taught part of the course.

**Example modules include:**

Business Law and Practice; Property Law and Practice; Litigation, Professional Conduct and Regulation; Legal Skills; a wide range of elective subjects.

**LLM or PgDip:** 1 year FT, 2 years PT

**Entry requirements:** Usually a 2:2 honours degree or above either (a) in law, or (b) in any other subject combined with a law conversion course (CPE/GDL).

**Contact:** Shani Hughes LPC  
e: law-lpc@cardiff.ac.uk  
t: +44 (0)29 2087 6106



**Our Legal Practice Course has always been highly regarded**

## Postgraduate Research

### Law

We are keen to attract the next generation of legal scholars and to encourage innovative research across a range of varied areas of Law including commercial, discrimination, medical, family and civil justice. We offer opportunities for both full and part-time study leading to the degrees of MPhil and PhD.

**PhD:** 3 years FT, 5-7 years PT

**Intake:** January, April, July, October

**Research areas:** We offer supervision in a broad range of areas spanning private, public and commercial legal spheres from domestic, transnational and international perspectives. These areas are integrated within the School's vibrant research culture, which features several research centres and groups:

- Centre for Crime, Law and Justice
- Centre for European Law and Governance
- Centre for Health and Social Care Law

- Centre for Human Rights and Public Law
- Centre for Law and Global Justice.
- Centre for Law and Religion
- Centre for Law and Society
- Environmental Justice Research Group
- Family Law Research Group
- Gender Rules Research Group
- Law and History Research Group
- The Law Lab
- Wales Governance Centre

### Entry requirements

At least a 2:1 at undergraduate level and preferably a specialist master's degree.

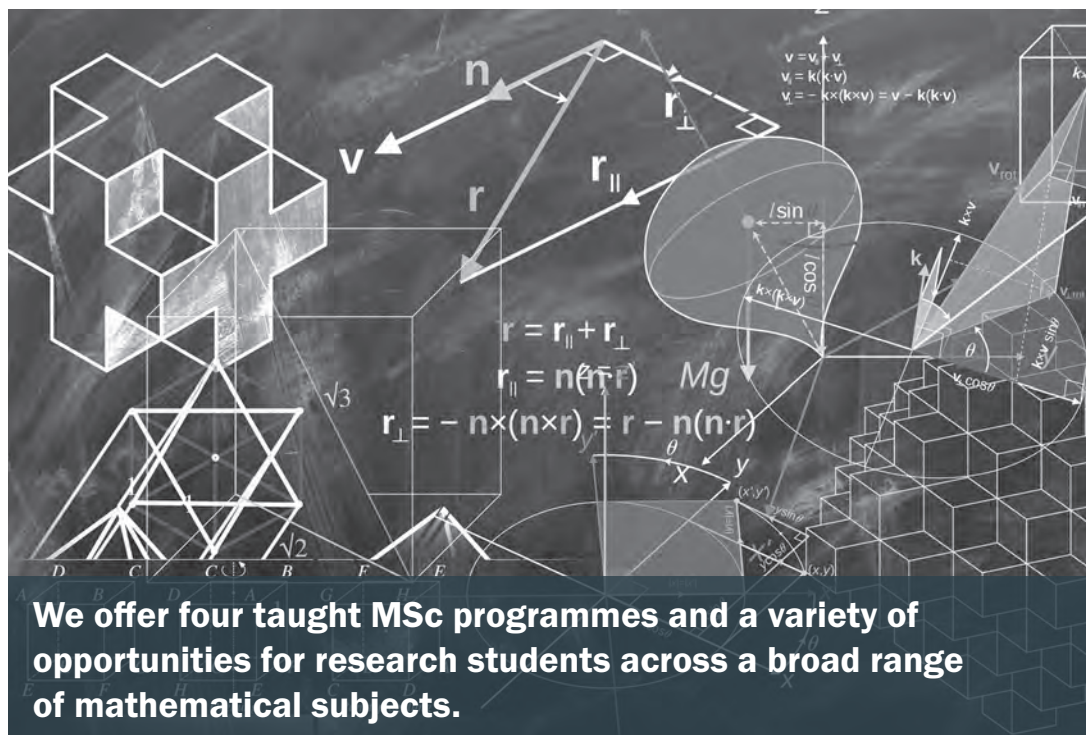
### English language

IELTS 7.0 (6.5 in each sub-score).

### Contact

Postgraduate Office  
e: Lawpol-pgr@cardiff.ac.uk  
t: +44 (0)29 2087 4315/351

# Mathematics



**100%** of our research was rated as outstanding or 'very considerable' for its impact in terms of its reach and significance (REF 2014)

**100%** of our submitted research was rated at least of international standard, with 90% classed as internationally **excellent** or **world-leading** (REF 2014)

**Valuable opportunities**  
to work alongside  
industry on relevant  
projects and  
dissertations

Cardiff**Connected**

"I am currently a second year PhD student at the department of Mathematics. My research focuses on game theory and the study of cooperative behaviour, more specifically in the pioneering field of the Iterated Prisoner's Dilemma. During my postgraduate studies at Cardiff University I have been given numerous opportunities to promote my work through conferences, public engagement events and publications. I had the chance to travel to several countries, to teach mathematics and computing and to promote the role of women in the STEM" fields.

**Nikoleta** PhD Mathematics





## Postgraduate Taught

### Data Science and Analytics

Our MSc in Data Science and Analytics aims to provide you with a comprehensive set of skills needed to handle, collect, store and analyse large and complex sets of data.

You will be taught by subject experts from both the School of Mathematics and the School of Computer Science and Informatics, which will allow you to see the topic from different perspectives and provides access to a wide range of modules across both Schools.

**Example modules include:** Pattern Recognition and Data Mining; Statistical Methods; Optimisation Methods; Distributed and Cloud Computing; Supply Chain Modelling.

**MSc:** 1 year FT, 3 years PT

### Operational Research and Applied Statistics

Our MSc in Operational Research and Applied Statistics aims to equip you with the necessary analytical skills, methods and ways of thinking to tackle and analyse complex organisational problems, help make better decisions, and to become a confident statistical analyst.

This course is ideal training and experience for those looking for career opportunities in areas such as operational research, management science, statistics, management consultancy, business analytics, supply chain

management, government operational research/statistics.

**Example modules include:** Operational Research Methods; Computational Methods; Statistics and Operational Research in Government; Healthcare Modelling; Credit Risk Scoring.

**MSc:** 1 year FT, 3 years PT

### Operational Research, Applied Statistics and Financial Risk

This MSc aims to equip you with problem-solving skills and techniques, allowing you to build and use mathematical and statistical models with the opportunity to study risk models in greater depth, particularly those models used in financial markets.

This course is ideal preparation for further study or a career in areas such as operational research, statistics, risk and financial modelling, actuarial risk and credit scoring, management science and management consultancy.

**Example modules include:** Business and Risk Strategy; Financial Mathematics and Modern Actuarial Risk Theory; Computational Methods; Time Series and Forecasting; Advanced Use of Statistical Packages.

**MSc:** 1 year FT, 3 years PT

### Mathematics

The Mathematics MSc delves into the fascinating, challenging and elegant world of mathematics; taking your skillset and knowledge base from a BSc in Mathematics (or similar) towards a point where you can embark on original research in pure and applied mathematics.

The course consists of a mixture of taught modules in pure and applied mathematics, self-study modules which build skills crucial for both a research degree and the workplace, and a dissertation, which allows you to research mathematics under the guidance of experienced, research active academics. This one year degree is the ideal preparation if you want to go on to do a PhD, work in research or for a technological company. You will gain hands-on experience with opportunities to work alongside industry on real life issues and develop skills in demand by a range of prospective employers.

**Example modules include:** Operator Algebras and Non Commutative Geometry; Theoretical Fluid Dynamics; Mathematical Principles of Image Processing; Finite Elasticity; Mathematical Foundations of Quantum Physics.

**MSc:** 1 year FT

**Entry requirements:** A 2:1 UK honours degree or equivalent is required in Mathematics.

#### Entry requirements

A 2:2 in a UK honours degree, or equivalent is required in a numerate subject, unless otherwise stated.

#### English language

IELTS 6.5 (5.5 sub-scores).

#### Contact

Professor Owen Jones  
e: mscmaths@cardiff.ac.uk  
t: +44 (0)29 2081 0253

## Postgraduate Research

### Mathematics

Our PhD programme provides an innovative and stimulating environment for both studying and researching in the mathematical sciences.

This programme aims to equip you with the knowledge and expertise for a career in the academic world, or to pursue a variety of other opportunities in which a strong mathematical background is important.

Graduates have gone on to a wide range of careers, including academia, both in the UK and internationally, senior roles in statistics and other mathematical modelling or analysis, management positions, both in business and governmental organisations.

All opportunities for funding are advertised on our website, including studentships from the Engineering and Physical Sciences Research Council.

Exemplar projects are also available and we encourage you to contact us prior to making an application.

**PhD:** 3 years FT, 5 years PT

**MPhil:** 1 year FT, 2 years PT

**Intake:** January, April, July, October

**Research areas:** Applied Mathematics; Pure Mathematics; Operational Research; Probability and Statistics.

#### Entry requirements

A 1st or 2:1 UK honours degree, or equivalent is required in mathematics (or a suitable related field).

#### English language

IELTS 6.5.

#### Contact

e: [LinternT@cardiff.ac.uk](mailto:LinternT@cardiff.ac.uk)

[AlievI@cardiff.ac.uk](mailto:AlievI@cardiff.ac.uk)



MSc students working on a group project

# Medicine



**The School of Medicine has a long-standing record of world-class research and educational innovation.**

We are one of the **largest** medical research and teaching centres in the UK

Ranked **8th** in UoA 1 (Clinical Medicine), with **80%** of our research in this UoA being deemed outstanding for its impact in terms of its reach and significance (REF 2014)

Our postgraduate taught programmes are **highly vocational**, and are focused on enhancing careers, improving employability, and increasing the knowledge base of healthcare professionals

## Cardiff**Connected**

“This course has been everything I had hoped it might be: relevant; interesting; broad and collaborative. The ability to study at a distance and flexibility to plan my own learning has enabled me to use the materials and focus the assignments on topics relevant to my work. As a GP educator working in Australia, it has been great working alongside colleagues in other medical disciplines, in other parts of the world, learning together and from each other.”

**Esther** PgDip Medical Education (e-learning)





# Postgraduate Taught

## Advanced Surgical Practice

This programme is for those who wish to specialise in the field of surgical and perioperative care. It aims to offer knowledge and expertise to provide a transition between theory and your own clinical practice, with an emphasis on the general principles of surgical practice rather than on the management of specific conditions.

### Example modules include:

Research and Evidence-based Practice; Preoperative Management; Fundamentals of Postoperative Practice; Advanced Surgical Practice (Dissertation); Professional Practice.

### Distance learning:

**MSc:** 2 years PT

## Ageing Health and Disease

This programme offers the opportunity to explore the complex health and social needs of older people living in today's society.

It aims to provide key biological, social, ethical, demographic, economic and psycho-social aspects of ageing, together with an assessment of their relevance and the implications for work with older people. In addition, you will develop an understanding of some of the common physical and mental illnesses encountered in older individuals.

### Example modules include:

Foundations of Geriatric Medicine; Physical and Mental Health; The

Organisation and Delivery of Care; Dissertation, Ageing, Health and Disease.

**MSc:** 1 year FT, 3 years PT

## Bioinformatics

The programme aims to provide a platform to explore, analyse and interpret contemporary biological data with a focus on genomic bioinformatics. It will allow development of key skills for the analysis of genomics data, including data from next generation sequencing technologies. Additional skills around emerging omics, including metabolomics and proteomics, will also be developed.

### Example modules include:

Computing for Bioinformatics and Genetic Epidemiology; Next Generation Sequencing; Protein Biology and Omics and Statistics for Bioinformatics; Genetic Epidemiology.

**MSc:** 1 year FT, 3 years PT

### Entry requirements:

2:2 or equivalent qualification/experience in bioscience, computing, mathematics/statistics, or relevant cognate subject.

**English language:** 6.5 in IELTS (with 6.5 in all sub-scores) or equivalent.

## Bioinformatics and Genetic Epidemiology

The programme aims to provide a platform to explore, analyse and interpret contemporary biological data, with a focus on genetic epidemiology.

It will allow development of key skills for the analysis of genomics data for gene discovery, including genomewide association studies (GWAS) and post-GWAS applications, such as gene-set and polygenic genetic epidemiology.

### Example modules include:

Computing for Bioinformatics and Genetic Epidemiology; Case Studies in Bioinformatics and Biostatistics; Genetic Epidemiology: Association and Linkage; Post-GWAS Genetic Epidemiology.

**MSc:** 1 year FT, 3 years PT

**Entry requirements:** 2:2 or equivalent qualification/experience in bioscience, computing, mathematics/statistics, or relevant cognate subject.

**English language:** English language: 6.5 in IELTS (with 6.5 in all sub-scores) or equivalent.

## Clinical Leadership and Leading Change in Cardiology

This programme provides education in cardiology leadership by combining modules on change management, quality improvement and relevant clinical knowledge. It aims to support clinicians and healthcare professionals to deliver novel, transformational approaches to improve the quality of care for people living with cardiac conditions, from theoretical and patient-based care to population-based care. It will enable health

### Entry requirements

2:2 or equivalent qualification/experience in medicine, healthcare, or relevant cognate subject, unless otherwise stated.

### English language

6.5 in IELTS (with 5.5 in all sub-scores) or equivalent evidence/experience, unless otherwise stated.

### Contact

PGT Admissions Team  
e: [pgtmedadmissions@cardiff.ac.uk](mailto:pgtmedadmissions@cardiff.ac.uk)  
t: +44 (0)29 2068 7214  
+44 (0)29 2068 8752  
+44 (0)29 2068 8580

teams to create system wide change with vast improvements in outcomes. The content comprises a focus on hypertension, atrial fibrillation and heart failure.

**Example modules include:**

Cardiology in Context; Cardiology, Co-Morbidity, Long-Term and End of Life Care; Leadership and Leading change; Health Care Organisations and Drivers for Care; Quality and Safety; Research, Statistics and evidence Based Healthcare.

**Distance learning:**

**PgCert:** 1 year PT

**PgDip:** 1 year PT (post-PgCert)

**MSc:** 1 year PT (post-PgDip)

## Clinical Dermatology

This programme offers a structured education in dermatology and gives a firm grounding in the fundamentals of clinical and scientific dermatology. It gives priority to clinical instruction, but also emphasises the scientific content of dermatology.

**Example modules include:**

Disorders Presenting in the Skin and Mucous Membranes; Environment and Skin; Cutaneous Manifestations of Systemic Diseases and Skin Cancer; Surgical Interventions in Dermatology.

**MSc:** 1 year FT

**Entry requirements:**

2:2 equivalent in medicine.

**English language:** 7.0 in IELTS (with 7.0 in all sub-scores) or equivalent.

## Critical Care

This programme is for those who wish to specialise in acute critical care, and those who teach within such settings. It explores the management of critically ill patients, and allows you to examine in-depth issues related to current practice of the critically ill

patient. It provides opportunities to explore critical care as a multidimensional phenomenon.

**Example modules include:**

Research Governance and Evidence Based Practice; Advanced Management; Cardiovascular System; Quality and Safety; Professional Practice and Management Issues; Clinical Management of Specialities.

**Distance learning:**

**MSc:** 2 years PT

## Diabetes

This programme is for those who have an interest in diabetes and diabetes-related issues. It aims to develop competence in the diagnosis, treatment, and decision-making in the care of persons with diabetes and develop leadership and evaluation skills in the delivery of care.

**Example modules include:**

Principles of Diabetes; Management of Diabetes; Diabetes Complications.

**Distance learning:**

**PgDip:** 2 years PT

**MSc:** 1 year PT (post-PgDip)

## Genetic and Genomic Counselling

This programme is for those interested in the clinical application of advances in human genetics and genomics so that they can provide and critically evaluate genetic and genomic counselling services.

It aims to provide a thorough grounding in human genomics, genetics, genetic analysis and bioinformatics, in communication and counselling skills, and in the skills required for you to work as part of a multi-disciplinary team providing genetic and genomic counselling for families.

**Example modules include:**

Counselling and Communication Skills; Introduction leading to

Applied Genetic and Genomic Counselling; Applied Genetics and Bioinformatics in Clinical Care; Placement: Genetic and Genomic Counselling.

**Distance learning:**

**MSc:** 3 years PT

**Entry requirements:** 2:1 in medicine, healthcare, biological/ biomedical/medical science or equivalent science, social science, psychology, or relevant cognate subject.

**English language:** 7.0 in IELTS (with 6.5 in all sub-scores) or equivalent.

## Medical Education (e-learning)

The Postgraduate Certificate, Diploma & MSc in Medical Education is an e-learning course, offering build up of study credit via a three-stage, progressive course delivered online.

This distance learning programme is delivered entirely online and has been established since 2008. The course is organised into a series of modules that involve interactive activities delivered within an online environment.

These activities are conducted within groups, each one facilitated by an online tutor. This affords an opportunity to explore the module topic through discussion and clarification of understanding and also gives the opportunity and time to apply new learning through the online discussions, tasks, wikis and assignments. Through this there is ample time to reflect on own practise and to share experiences and new insights with colleagues. This is a truly interactive online programme.

**Example modules include:**

Peer Review of Teaching; Educational Media and Technologies; Research Skills; Learning and Teaching in Clinical Education; Evaluating Courses.

### Distance learning:

**MSc:** 3 years PT

**PgDip:** 2 years PT

**PgCert:** 1 year PT

## Medical Education

The Postgraduate Diploma/MSc in Medical Education will appeal to those wishing to explore the issues fundamental to effective health professions education in a dynamic, stimulating and supportive setting. The course is highly practical and is organised into a series of modules followed by a dissertation component. Modules usually last two days each, followed by a period of independent study.

The first session of each two-day unit is a synthesis of the previous module and the independent study period. This three stage process develops and clarifies understanding of the module topic, gives the opportunity and time to apply new concepts and skills, and concludes by allowing reflection on, and sharing of, experiences and insights with colleagues. The culmination of the modules is a practical teaching project, a student-led symposium on a contemporary issue in medical education.

### Example modules include:

Contemporary Issues in Medical Education; Learning and Teaching in Clinical Education; Educational Media and Technologies; Research Skills and Evaluating Courses.

**MSc:** 1 year FT, 2-3 years PT

**PgDip:** 1 year FT, 2 years PT

## Medical Toxicology

This distance learning programme is for doctors, pharmacists and other scientists who wish to develop a broad understanding of the principles underlying medical toxicology.

It aims to give an understanding of the mechanisms by which drugs and other chemicals produce toxic effects and how these can be predicted, treated and, whenever possible, prevented.

### Example modules include:

Diagnosis and Management in Poisoning; Poisoning by Commonly used Pharmaceuticals; Poisoning by Non-Pharmaceuticals.

### Distance learning:

**PgCert:** 1 year PT

**PgDip:** 1 year FT, 2 years PT

**MSc:** 1 year PT (post-PgDip)

## Neonatal Medicine

This programme is for those who are involved in the multidisciplinary care of neonates and very young children. It aims to provide training and education in the identification, critical appraisal, planning, and implementation of more effective treatments, based on a sound knowledge of relevant research evidence, clinical practice, anatomy, and pathophysiology.

### Example modules include:

Respiratory Care in Neonatal Medicine; Cardiovascular Care in Neonatal Medicine; Critical Care in Neonates; Neurological Care in Neonatal Medicine; Nutrition and Gut Function in Neonates.

### Distance learning:

**PgDip:** 2 years PT

**MSc:** 1 year PT (post-PgDip)

## Occupational Health (Policy and Practice)

This is a programme for those with responsibility for the health and safety of employees.

It offers knowledge and expertise in the science underpinning occupational health and safety. It aims to provide understanding, analysis and application of the role of occupational health practitioners and the analysis of their effectiveness in practice, and the management of occupational health issues, including psychological, sociological and philosophical perspectives, which may affect management strategies and impinge on the role of specialist practitioners.

### Example modules include:

Occupational Risk Assessment and Control; Occupational Health Law and Ethics; Occupational Health Statistics Epidemiology; Evidence Based Practice; Occupational Health Processes and Management.

### Distance learning:

**MSc:** 3 years PT

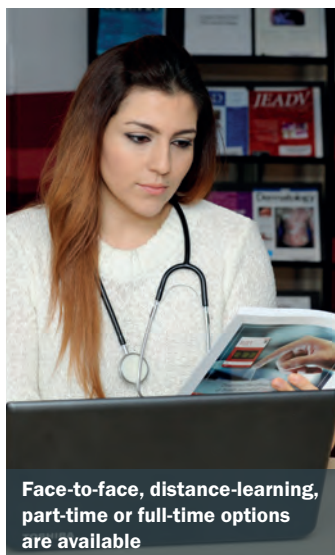
## Pain Management (Primary and Community Care)

This is a programme for those who have an interest in, or want to specialise in, the field of pain management, within the area of Primary and Community Care.

It aims to develop knowledge to an advanced level and how this fits into interprofessional practice and pain management as a whole.

### Example modules include:

Primary and Care Pain Management; Research, Statistics and Evidence Based Practice: Assessment and Screening; Biopsychosocial Pain Management: Fundamentals of



Face-to-face, distance-learning, part-time or full-time options are available



Care in a Primary/Community Setting.

#### Distance learning:

**PgCert:** 1 year PT

**PgDip:** 1 year PT (post-PgCert)

**MSc:** 1 year PT (post-PgDip)

### Pain Management

This is a programme for those who want to specialise in the field of pain management. It is also aimed at educationalists, to provide the appropriate knowledge and expertise on pain, to teach others from various disciplines.

It provides opportunities to explore pain management as a multidimensional phenomenon, managed through multidisciplinary initiatives.

#### Example modules include:

Fundamentals of Pain Management; Biopsychosocial Principles in Pain Management; Patient Case Studies; and Clinical Management and Professional Issues.

#### Distance learning:

**MSc:** 2 years PT

### Palliative Medicine for Healthcare Professionals

This programme is designed for those wishing to advance their knowledge of the management of patients with non-curable and terminal illness.

It aims to support healthcare professionals to develop, share, and extend their knowledge, understanding, and application of evidence-based medicine, best practice, and governance frameworks in palliative care, appropriate to their own professional settings.

#### Example modules include:

Physical Symptom Management; Care in the Last Year of Life; Palliative Care where you work; Making a Difference: Developing Palliative Care Services; Implementing Change.

#### Distance learning:

**MSc:** 3 years PT

### Practical Dermatology

This is a highly interactive programme for doctors who want a sound understanding of skin disease, as it presents in practice. It will help enable GPs and family practitioners to successfully manage dermatological problems in patients.

The MSc stage is designed specifically for those who have completed the PgDip and wish to pursue further studies in this field.

**Example modules include:** Skin Lesions; Special Cutaneous Sites; Inflammatory Dermatoses; Environmental Challenges in Practical Dermatology; Demographic Subgroups in Practical Dermatology.

#### Distance learning:

**PgDip:** 1 year FT

**MSc:** 1 year PT (post-PgDip)

**Entry requirements:** 2:2 equivalent in medicine.

### Psychiatry

This programme is for those who have an interest in psychiatry. It aims to enable doctors to become well informed, clinically proficient eclectic psychiatrists, or to give non-medical graduates an in-depth knowledge of the field of psychiatry and its practice.

#### Example modules include:

Anxiety Disorders and Depression; Psychosis and Bipolar Disorder; Behavioural Disorders and Dementia; Organic Disorders and Intellectual Disability Psychiatry; Child and Adolescent Disorders.

#### Distance learning:

**MSc:** 1 year FT, 3 years PT

### Public Health

This programme aims to provide knowledge to quantitatively and qualitatively assess the population's health and health needs, including the determinants

and status of health and wellbeing, and development of effective action, and critically assess the evidence relating to the effectiveness of health and healthcare interventions, programmes and services.

**Example modules include:** Basic and applied Epidemiology; Health Economics; Policy and Planning and a variety of optional modules, including Health Protection and Global Health.

**MPH:** 1 year FT, 2 years PT

**Entry requirements:** 2:1 or equivalent in a related discipline, medicine, healthcare.

### Therapeutics

This programme is for those who wish to further develop their knowledge of the evidence-based management of commonly encountered medical conditions, gain confidence in their ability to prescribe (or not prescribe) appropriately, and increase understanding and confidence in working closely with prescribers from other professions.

It aims to not only provide the very latest practical and factual knowledge, but also to encourage critical thinking, to enable an approach to therapeutic problem-solving, which will be of lasting value in dealing with future advances in therapy.

#### Example modules include:

Safe Prescribing in Practice; The Management of Chronic Illness In Practice and Cardiovascular Therapeutics.

#### Distance learning:

**PgCert:** 1 year PT

**PgDip:** 1 year FT, 2 years PT

**MSc:** 1 year PT (Post-PgDip)

### Wound Healing and Tissue Repair

This interdisciplinary programme offers an opportunity to explore and analyse existing and developing theories and concepts

that underpin wound healing and tissue repair, facilitating professional and personal growth.

It aims to provide well-rounded knowledge of wound care with emphasis on preventative and pro-active care, as well as the

financial, legal, ethical, and moral issues involved in the delivery of wound care worldwide.

**Example modules include:**

Biology of Wound Healing:  
Behavioural (Psycho-Social)  
Aspects of Wound Healing:

Intrinsic and Extrinsic Factors;  
Management of Acute Wounds and Management of Chronic Wounds.

**Distance learning:**

**MSc:** 3 years PT

## Postgraduate Research

### Integrative Neuroscience

Our four-year programme provides a broader and more in-depth practical and theoretical grounding in neuroscience than conventional three-year programmes.

**PhD:** 4 years FT

**Intake:** October

**Entry requirements:** 1st or 2:1 in a relevant area (eg. neuroscience, psychology, anatomy, physiology, natural sciences). As this is a training doctorate, previous research experience is not essential.

**English language:** IELTS 6.5 (5.5 in each sub-score) or equivalent evidence/experience.

**Contact:** Julie Cleaver  
e: 4yrneuophd@cardiff.ac.uk  
t: +44 (0)29 2068 8341

Professor John Aggleton  
e: aggleton@cardiff.ac.uk  
t: +44 (0)29 2087 4563

### Medicine

The School of Medicine offers research degrees in the medical disciplines such as cancer, immunology, infection, immunity, neurosciences, mental health and population medicine.

**PhD:** 3-4 years FT, 5 years PT

**MD:** 2 years FT, 3 years PT

**MPhil:** 1 year FT, 2 years PT

**Intake:** January, April, July, October

**Research areas:** Cancer and Genetics; Infection and Immunity; Psychological Medicine and Clinical Neurosciences; Population Medicine.

**Entry requirements:** 2:1 or equivalent in a relevant subject. In some cases, a medical degree and/or relevant professional qualifications or experience are required.

**English language:** IELTS 6.5 (5.5 in each sub-score) or equivalent evidence/ experience.

**Contact:** School of Medicine Research Degrees Office  
e: pgrmedic@cardiff.ac.uk  
t: +44 (0)29 2074 6716



Fulfil your professional duty to keep up to date with your continuing professional development

# Modern Languages



**With an international reputation for excellence in research and teaching, we give students the opportunity to pursue their interest in languages and cultures in an exciting, interdisciplinary environment with strong links with the world of work.**

**84%** of our research was rated as world-leading or internationally excellent\* (REF 2014)

\*joint submission with the School of Welsh

In a joint submission with the School of Welsh, the School of Modern Languages **ranked 7th in the UK** for the quality of our research (REF 2014)

Our Teaching and Learning scored **91%** in 2017's Postgraduate Taught Experience Survey

## Cardiff**Connected**

"The School has an excellent reputation, not just in the UK, but across the world. The Translation Studies MA gives students the freedom to specialise in whichever language combinations and fields of interest that they wish. After graduating I found a job as a European Tours Manager for Schools Into Europe. The Translation Studies MA developed my understanding of language use, translation, and culture in general, and has definitely helped me improve my working practices."

**Laura** MA in Translation Studies





## Postgraduate Taught

### Translation Studies

Our MA in Translation Studies allows you to specialise in a whole host of language combinations. It offers core training in the theory and practice of translation, before allowing you to specialise in specific pathways in modules on interpreting, scientific, business, subtitling and pharmaceutical translation. Optional cultural modules in the history, processes and practices of translation are also available, serving as a launch-pad to PhD study. We are particularly proud of our optional work placement module, which enables you to work with employers, gaining valuable

practical experience in diverse, stimulating industries.

**Example modules include:** Work Placement; Theory of Translation; Translation Methods and Skills; a Full Suite of Specialised Translation Modules (Legal, Business, Medical, Politics, Scientific, Subtitling) and a range of Cultural Translation modules.

**MA:** 1 year FT, 2 years PT

### Global Culture and Creativity

The cultural and creative industries are currently the fastest growing economic sector in the UK, and an area of significant growth across the world. This

exciting new MA course explores this phenomenon internationally, providing the skills, knowledge and competencies vital for work in the sector. Along with classroom-based activities, this unique programme provides you with opportunities to develop your individual research skills and engage in placement-based learning.

**Example modules include:** Culture, Creativity and Globalisation; Research Methodologies; Research writing skills; Reflection on practice; Dissertation on topics in Culture, Creativity and Globalisation.

**MA:** 1 year FT

### Entry requirements

Candidates will ideally possess or expect to obtain a relevant undergraduate degree at a minimum of 2:1 honours level.

### English language

IELTS 7 (6.5 in each sub-score).

### Contact

e: [languages-pg-admissions@cardiff.ac.uk](mailto:languages-pg-admissions@cardiff.ac.uk)  
t: +44 (0)29 2087 0824



Our dynamic, world-class research programme has produced high quality PhD students who have made significant contributions in academia and industry

## Postgraduate Research

The School of Modern Languages has a strong, intellectually stimulating, and vibrant research culture, into which postgraduates are inducted and embedded.

We offer full and part-time PhD and MPhil opportunities, with supervision available across a wide range of research topics, broadly categorised into the following themes:

- Culture and Identity (PhD/MPhil)
- European Studies (PhD/MPhil)
- Global Area Studies, History and Ideologies (PhD/MPhil)
- History and Memory (PhD/MPhil)

- Language and Translation Studies (PhD/MPhil)
- Literature and Visual Cultures (PhD/MPhil)

We offer a multidisciplinary research environment organised around a number of research themes, with numerous opportunities for collaboration. Our academic staff are dedicated to producing world-class research in language, culture and beyond.

The combination of established researchers with international reputations and young scholars, has meant that the School has

been able to develop a dynamic and forward-looking research ethos. We are part of the AHRC South West and Wales Doctoral Training Partnership, leading on Modern Languages studentships for Cardiff University. We are also a contributor to the ESRC Wales Doctoral Training Centre, leading the language-based area studies pathway. We warmly encourage applicants for doctoral study to apply to us with these funding routes in mind.

**PhD:** 3 years FT, 5-7 years PT

**MPhil:** 1 year FT, up to 3 years PT

**Intake:** January, April, July, October

### Entry requirements

The normal requirement for admission to all Research programmes in the School is a 2:1 degree award, or the overseas equivalent, in a relevant subject.

However, we consider all individual applicants on their

specific merits. If you do not have the standard qualifications for the course you may still apply and your application will be considered. Interviews may be conducted to identify and assess the academic merit of prospective students.

### English language

IELTS 7 (6.5 in each sub-score).

### Contact

e: [languages-pg-admissions@cardiff.ac.uk](mailto:languages-pg-admissions@cardiff.ac.uk)

t: +44 (0)29 2087 0824



Articulate the dialogue between culture and politics; interrogating the who, why and how of picturing others

# Music



**We offer rigorous musical training within a lively and imaginative liberal arts environment.**

Ranked **8th** overall  
for Music in the UK  
(Times Good University  
Guide 2017)

Ranked **2nd** among  
UK university music  
departments for the  
quality of our research  
environment  
(REF 2014)

Our **250-seat Concert  
Hall** hosts our annual  
concert series, as well  
as regular workshops  
and masterclasses

## Cardiff**Connected**

"I cannot recommend the MA music programme enough. While the first term courses were especially helpful in providing fundamental preparation for an academic future in musicology, the second term introduced really interesting and diverse subdisciplines within musicology, which I found very engaging and intellectually stimulating. I found the course leaders and lecturers to be incredibly supportive of my personal growth as a student and very willing to advise me in regard to various assignments."

**Emily** MA Music





## Postgraduate Taught

### Music

This MA is an opportunity to challenge yourself academically and musically, while following one of our three specialist pathways: Performance, Composition or Music Studies. We place an emphasis on flexibility and student choice and have designed a programme that allows you to personalise your course of study. A significant proportion of module choices will be determined by your

abilities and interests, so that you can tailor your programme of study to best meet your career goals and ambitions. This programme is ideal for performers, composers and music scholars with interest in developing their area of expertise, learning valuable skills, and exploring a relevant course of study.

**Example modules include:** Music Leadership and Public Engagement; Composition portfolio; Closed Recital; The

World of Music; Studying Musical Multimedia.

**MA:** 1 year FT, 2 years PT



#### Entry requirements

Suitable for graduates who normally possess a 2:1 degree classification in music or a relevant related area.

#### English language

IELTS 6.5 (5.5 in each sub-score).

#### Contact

Victoria Parkin  
e: [parkinva@cardiff.ac.uk](mailto:parkinva@cardiff.ac.uk)  
t: +44 (0)29 2087 4816

## Postgraduate Research

### Music

We are a creative and comprehensive centre of excellent musical research, composition and performance. We combine acknowledged research expertise in dedicated areas with a commitment to the wider scholarly world, and a clear sense of our role in the cultural life of a capital city. PhD students may specialise in musicology, composition or performance, presenting work as a thesis, a portfolio of compositions with commentary, or a performance recital with supporting thesis. As part of our facilities we also have a dedicated postgraduate

work suite available to research students 24 hours a day. Strategic collaborations with international organisations, including the BBC National Orchestra of Wales, Welsh National Opera, and National Museum Wales, allow us to make extensive contributions to the world of music, both within and beyond academia.

**PhD:** 3 years FT, 5 years PT

**MPhil:** 1 year FT, 2 years PT

**Intake:** January, April, July, October

**Research areas:** Musicology; Critical Musicology; Ethnomusicology; Historical Musicology; Composition; Performance.



**Our dedicated onsite Music Library houses a wide range of scores, books, recordings, and archive collections**

#### Entry requirements

Suitable for graduates who normally possess a 2:1 or equivalent at undergraduate and a master's degree in Music.

#### English language

IELTS 6.5 (5.5 in each sub score).

#### Contact

Victoria Parkin  
e: [ParkinVA@cardiff.ac.uk](mailto:ParkinVA@cardiff.ac.uk)  
t: +44 (0)29 2087 4816

# Optometry and Vision Sciences



**We are the only optometric training department in Wales, and undertake research at the forefront of vision sciences.**

The School of Optometry and Vision Sciences was **ranked No. 1** in The Complete University Guide 2018

Study in our **£22 million** purpose-built optometry and vision sciences facility

**We collaborate** with leading external institutions such as Bristol Eye Hospital, UCL, University of Bristol and other GW4 universities, as well as Schepens Eye Research Inst (Harvard)

## Cardiff**Connected**

"Undertaking a PhD in the School was one of the most challenging yet rewarding things I have done. The availability of advanced research technologies meant that I gained a transferable skillset, including serial block face scanning electron microscopy. Additionally, because of our strong international links, I was given the opportunity to train at research labs in Japan and the USA. The breadth of lab skills and network of colleagues I acquired have prepared me well for an academic career."

**Stacy** PhD Vision Sciences



## Postgraduate Taught

### Clinical Optometry

Our MSc in Clinical Optometry has been designed to meet the continuing education and training needs of the modern eye care professional.

Over 30 modules provide routes for pursuing specialist interests and for continued professional development, many of which are accredited for the College of Optometrists' Higher Qualifications.

#### Distance learning:

**MSc:** 4 years PT

**PgDip:** 3 years

**PT PgCert:** 2 years PT

#### Full-time MSc based in Cardiff:

1 calendar year

### Eye Care Governance

Our Postgraduate Certificate (PgCert) in Eye Care Governance seeks to provide those involved in the governing of eye care

in the UK with a professional qualification. It is aimed at those who provide advice to eye care commissioners or providers.

#### Distance learning:

**PgCert:** 2 years PT

### Glaucoma

Our distance learning Postgraduate Certificate (PgCert) in Glaucoma aims to help eye care professionals to develop the specific skills and knowledge to manage patients with glaucoma.

#### Distance learning:

**PgCert:** 3 years PT

#### Example modules include:

Glaucoma; Acute Eye Care; Paediatric Eye Care; Low Vision Medical Retina; Cataract and Refractive Surgery; Anterior Segment Conditions; Legal Tear Film Disorders; Audit Primary Care; Leadership Clinical Teaching; Eye Care for People with

Learning Disabilities; Study and Research Skills.

### Therapeutic Prescribing for Optometrists (PgCert)

This course will provide optometrists with a broad education in prescribing practice that will equip them with the necessary knowledge and skills to enhance their career and contribute effectively to extended professional roles. The specific aim of the programme is to prepare optometrists to practise as independent prescribers and to meet the standards set by the General Optical Council for entry on to the appropriate specialist therapeutic prescribing register.

#### Distance learning:

**PT PgCert:** 18 months PT

#### Entry requirements

BSc (Hons) Optometry, GOC registration or equivalent national qualification.

#### English language

IELTS 6.5.

#### Contact

Postgraduate team  
e: [pgoptom@cardiff.ac.uk](mailto:pgoptom@cardiff.ac.uk)  
t: +44 (0)29 2087 0561

## Postgraduate Research

### Vision Sciences

Our PhD in Vision Sciences comprises student-led research across a wide range of disciplines, from molecular and cell biology to neuroscience and clinical studies of human vision.

**PhD:** 3-4 years FT

**Intake:** January, April, July, October

**Research areas:** Visual Neuroscience, Retinal Degeneration and Ageing, Structural Biophysics, Human

Vision and Clinical Translation.

**Entry requirements:** A 1st or 2:1 UK honours degree, Master's degree, or equivalent, is required. Suitable for graduates in optometry, medicine, psychology, biomedical science, physics, biology, biochemistry, mathematics, neuroscience or any relevant scientific discipline.

**English language:** IELTS 6.5.

#### Contact:

e: [visionpgr@cardiff.ac.uk](mailto:visionpgr@cardiff.ac.uk)  
t: +44(0)29 2087 6163



Our School is housed in a £22M dedicated optometry and vision sciences research facility



# Pharmacy and Pharmaceutical Sciences



**We have an international reputation for the quality of our teaching and our cutting-edge research and we are among the leaders in clinical skills development.**

Based on our research we are ranked **joint first** School of Pharmacy in the country (REF 2014)

Our **interdisciplinary research** spans the continuum from basic to applied translational science and clinical practice

Our **award winning** research projects include microneedle technology, cancer drug discovery, novel antimicrobial development and digital transformation of residential care

## Cardiff**Connected**

"The MSc in Cancer Biology and Therapeutics is a truly integrated course which delves deeper into the science behind cancer. It has also given me the opportunity to see the disease and its treatment from the clinical side as well. Whether you're a Pharmacist or Biomedic or Medic, you'll find something in this course that you'll enjoy and can relate to. And, like me, you'll be in better stead for your future too."

**Lauren** MSc Cancer Biology and Therapeutics



## Postgraduate Taught

### Cancer Biology and Therapeutics

Through this course, you'll receive an extensive breadth and depth of cancer-focused training. You'll gain from advanced teaching in the cellular aspects of cancer biology, together with the molecular mechanisms underlying cancer development and progression. And you'll receive in-depth training in cancer therapeutics, encompassing biomarkers and diagnosis, therapeutic targets, drug discovery and clinical trials and chemo/radiotherapy.

The course offers research skills training and a laboratory-based research project that helps you to develop research hypotheses and critically evaluate translational approaches with respect to the development of contemporary cancer therapeutics.

Whatever your career aspirations in this field, this programme will give you a balanced combination of theory and practice to set you in excellent stead for the future.

#### Example modules include:

Cellular and Molecular Biology of Cancer; Translational Oncology and Therapeutics; Academic Research Skills; Research Methodology and Data Analysis; Bioinformatics.

**MSc:** 1 year FT

**English language:** IELTS 6.5 (6.0 in sub-scores).

**Entry requirements:** Degree in biological or life sciences, or a healthcare-related subject.

### Clinical Pharmacy

This course is for pharmacists, working in primary or secondary care. It integrates a traditional academic course with your everyday role, to develop your vital skills and knowledge so that you can apply this to your work.

The programme offers an exceptionally wide variety of experiential learning, with a new area every three months for the first two years of the course. This allows you to gain a broad experience of pharmacy, under the guidance of a local practitioner, trained by the University to be your tutor.

As a clinical pharmacist, you will develop the skills and expertise you need to input optimally into patient care.

#### Example modules include:

Foundation; Therapeutics; a range of optional modules in year two and a Research Project in year three.

#### Distance learning:

**MSc:** 3 years PT

#### Blended learning:

**PgDip:** 2 or 3 years PT

**PgCert:** 1 year PT

**Entry requirements:** Must be a registered pharmacist with the General Pharmaceutical Council of Great Britain or a country where there is a reciprocal agreement, and must be employed as a pharmacist in an accredited hospital or primary care organisation.

**English language:** IELTS 6.5 (6.5 in writing and 6.0 in all other sub-scores).

### Clinical Research

If your line of work involves clinical research, this leading part-time, face-to-face MSc in Clinical Research course is designed to help you enhance your career.

It presents an overview of clinical trial processes and the regulations for bringing in a new chemical entity, and explores a broad range of therapeutic areas and their treatments in relation to clinical trials, drug registrations and drug safety.

Through this course, you'll be equipped to meet good clinical practice and regulatory quality standards for developing new healthcare interventions to improve treatments for patients.

This programme is recognised by the pharmaceutical industry and the Health Service as being of outstanding quality and practical value in the work place for clinical research professionals.

#### Example modules include:

Clinical research; Therapeutics; Advanced Clinical Research; Contemporary Therapeutics; Research Methods.

**MSc:** 3 years PT, Face to face over a series of weekends.

*Please note this course is currently under review which may result in some structural and content changes. Please check the website for updates.*

**Entry requirements:** Degree in biological or life sciences, or a healthcare-related subject.

**English language:** IELTS 6.5 (6.0 in sub-scores).

#### Entry requirements

See individual programmes.

#### English language

IELTS 6.5 (6.5 in each sub-score unless stated).

#### Contact

Postgraduate Admissions Team  
e: [pgtphrmyadmissions@cardiff.ac.uk](mailto:pgtphrmyadmissions@cardiff.ac.uk)

## Pharmacist Independent Prescribing

Pharmacist Independent Prescribing aims to provide patients with quicker and more efficient access to medicines and to make the best use of the skills of pharmacists. The School has developed this programme to prepare pharmacists as Independent Prescribers, to meet the relevant standards set by the General Pharmaceutical Council (GPhC). Furthermore, this programme develops the critical analysis and personal reflection skills of participants, and furthers their lifelong professional development.

The programme is managed by the School of Pharmacy and Pharmaceutical Studies. Two cohorts are run each year; the first will run concurrently with the School of Healthcare Sciences (available to nurses, midwives and allied healthcare professionals), taking advantage of the multidisciplinary learning this

provides, whilst the second will be pharmacists only.

The course is made up of a 40 credit module, at level 7 (QAA). Topics such as communication, consultation process, decision-making, clinical patient assessment, and clinical governance will be covered.

**Distance learning:**

**STM:** 7 months PT

**Entry requirements:** Minimum 2 years GPhC or Pharmaceutical Society of Northern Ireland pharmacist registration status and equivalent appropriate patient-oriented experience. Satisfactory DBS check.

**English language:** IELTS 6.5 (6.0 in sub-scores).



Postgraduate students benefit from a rich learning experience at Cardiff University's School of Pharmacy and Pharmaceutical Sciences

## Postgraduate Research

### Pharmacy and Pharmaceutical Sciences

Our research degrees give you the freedom to investigate a cutting-edge topic in depth, amongst leading researchers with first-class facilities. We have a strong reputation for the quality of the research that we conduct and attract large research grants from a variety of sources. At any one

time, we have about 60 students studying for PhD qualification by research.

The applied and multidisciplinary nature of our work benefits from worldwide scientific collaborations, and strategic relationships with global businesses and public sector bodies, that enable us to see the real-world impact of our research.

**PhD:** 3 years FT, 5-7 years PT

**Intake:** January, April, July, October

**Available PhD and MPhil courses**

**include:** Drug Delivery and Microbiology, Medicinal Chemistry, Pharmacology and Physiology, Pharmacy Practice and Clinical Pharmacy.

#### Entry requirements

A 1st or 2:1 UK honours degree or equivalent is required. Requirements are project specific but are generally suitable for graduates in pharmacy, biosciences, chemistry, and related disciplines.

#### English language

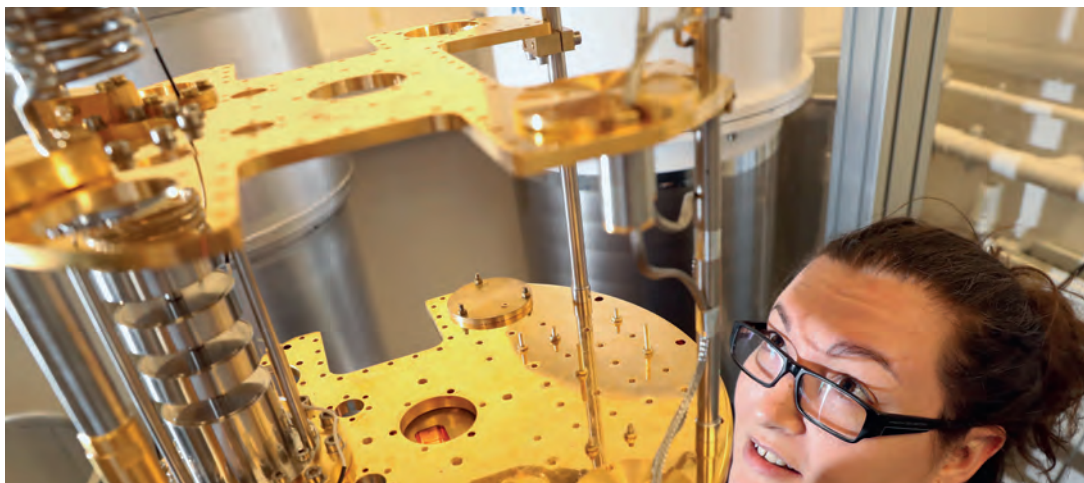
IELTS 6.5.

#### Contact

The Postgraduate Research Team  
e: [pharmacypgr@cardiff.ac.uk](mailto:pharmacypgr@cardiff.ac.uk)  
t: +44 (0)29 2087 6419



# Physics and Astronomy



**Studying with us offers you the opportunity to gain a fundamental understanding of the way the Universe works as well as providing you with the skills for a wide range of careers. You will join a thriving postgraduate community within a friendly, supportive environment.**

**99%** of our submitted research was rated as internationally excellent or world-leading (REF 2014)

Our MSc students have access to a **dedicated** suite of facilities within the School

Our School is the home for the Institute of Compound Semiconductors which will form part of the University's new **£300m Innovation Campus**

## Cardiff**Connected**

"The major learning outcome from the Advanced Experimental Techniques in Physics module for me was an appreciation of incremental achievement. Writing weekly lab diaries, the exercise increased my confidence and crucially has instilled a self-sustaining motivation to keep making small steps towards goals rather than relying on the sprint finish. I found this to be extremely valuable."

**Cameron** MSc Physics



## Postgraduate Taught

### Astrophysics

This MSc course aims to provide specialist training and an edge in a highly competitive recruitment market to students who wish to work in the field of astrophysics.

Taught topics reflect our world-leading strengths in theoretical, observational and instrumental research and on successful completion of the courses, should be ideally placed to pursue a career in a highly-skilled numerate role.

#### Example modules include:

Cosmology; Energy and gas in interstellar space; Galaxies and galaxy evolution; Formation and evolution of stars; Advanced general relativity and gravitational waves.

**MSc:** 1 year FT

#### Entry requirements:

2:1 honours degree or equivalent in astrophysics, physics or mathematics. Applicants with a 2:2 honours degree will be considered on a case by case basis.

### Compound Semiconductor Physics

Delivered jointly by the Institute for Compound Semiconductors and the School of Physics and Astronomy, this Master's programme provides thorough training in the theory, fabrication and applications of compound semiconductors, and integration with silicon technology. On completion of this course students will have gained a sophisticated

knowledge of compound semiconductor physics, as well as a range of valuable skills that will enhance their career prospects in this exciting field.

#### Example modules include:

Modern Quantum Optics; Advanced LABVIEW Programming for Physicists; Low Dimensional Semiconductor Devices; Compound Semiconductor Application Specific Photonic Integrated Circuits; Quantum Theory of Solids.

**MSc:** 1 year FT

#### Entry requirements:

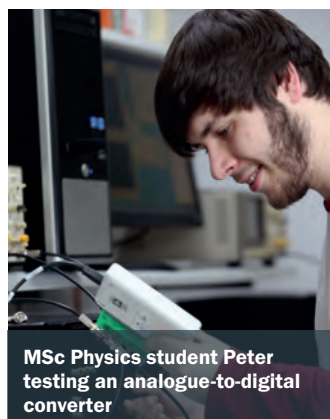
2:1 honours degree or equivalent in astrophysics, physics or mathematics. Applicants with a 2:2 honours degree will be considered on a case by case basis.

### Data Intensive Astrophysics

This course brings together expertise from the School of Physics and Astronomy, the School of Computer Science and Informatics and the Data Innovation Research Institute, to equip you with a wide variety of transferable skills and a sophisticated understanding of both data science and astrophysics.

**Example modules include:** Data Analysis; Formation and Evolution of Stars; Advanced General Relativity and Gravitational Waves; Computational Physics; Techniques in Astrophysics.

**MSc:** 1 year FT



**MSc Physics student Peter testing an analogue-to-digital converter**

#### Entry requirements:

2:1 honours degree or equivalent in astrophysics, physics or mathematics. Applicants with a 2:2 honours degree will be considered on a case by case basis.

### Data Intensive Physics

A collaboration between our Data Innovation Research Institute, the School of Physics and Astronomy and the School of Computer Science and Informatics, this course combines the study of physics with the latest techniques in data collection and analysis, providing you with a unique range of knowledge and skills.

#### Example modules include:

Pattern Recognition and Data Mining; Low Dimensional Semiconductor Devices; Advanced LABVIEW programming for Physicists; Advanced Experimental Techniques in Physics; and Data Analysis.

**MSc:** 1 year FT

#### Entry requirements

We welcome applications with a 2:1 honours degree. Applicants with a 2:2 honours degree will be considered on a case by case basis.

#### English language

IELTS 6.5 (5.5 sub-scores).

#### Contact

Admissions Office  
e: physics-pg@cardiff.ac.uk  
t: +44 (0)29 2087 6457

**Entry requirements:** 2:1 honours degree or equivalent in astrophysics, physics or mathematics. Applicants with a 2:2 honours degree will be considered on a case by case basis.

## Physics

The MSc Physics will provide you with the knowledge and skills required to pursue a career in academic research, physical

science industrial practice, research and development, or in other highly-skilled numerate careers.

On the course, you will cover theoretical and experimental physics along with advanced areas of application that reflect our wide-ranging research expertise.

### Example modules include:

Concepts and Theory of Compound Semiconductor Photonics; Quantum Theory of

Solids; Computational Physics; Formation and Evolution of Stars; Advanced LABVIEW Programming for Physicists; Advanced General Relativity and Gravitational Waves.

**MSc:** 1 year FT

**Entry requirements:** 2:1 honours degree or equivalent in astrophysics, physics or mathematics. Applicants with a 2:2 honours degree will be considered on a case by case basis.

## Postgraduate Research

### Physics and Astronomy

We offer a challenging and supportive environment in which our research students develop the skills and knowledge they need to succeed in industry, research or academia. We have an established track record of research excellence and host

world-class laboratories to support our wide range of research activities, which involve worldwide collaborations on the latest cutting-edge research.

**PhD:** 3-4 years FT, 5-7 years PT

**MPhil:** 1-2 years FT, 2-3 years PT

**Intake:** January, April, July, October

**Research areas:** Quantum Devices; Compound Semiconductors; Nanoscale Diamonds; Biophotonics; Gravitational Waves; Observational and Theoretical Astrophysics; Astronomical Instrumentation; Brain Imaging and Physics Education Research.

### Entry requirements

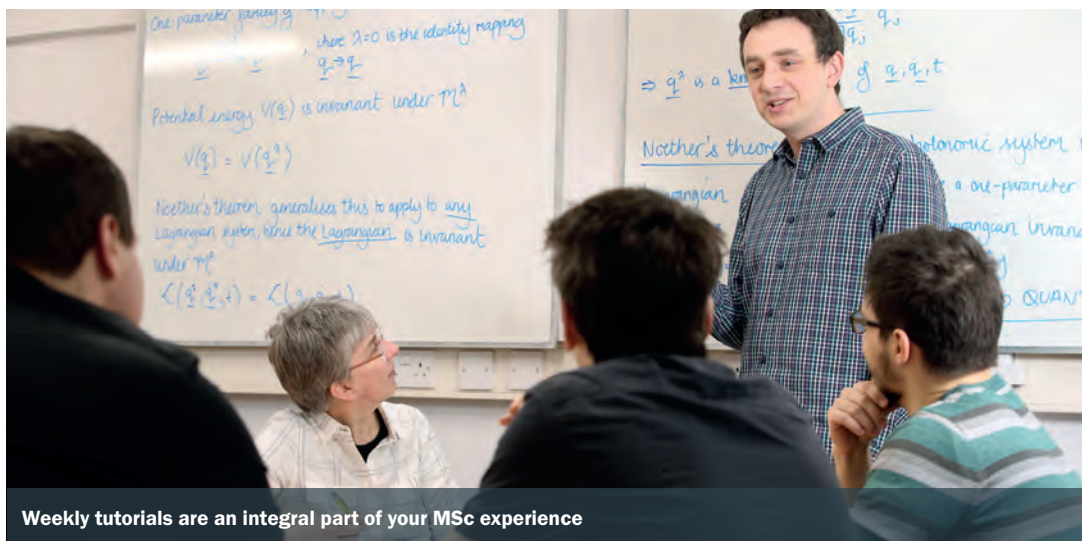
Graduates with a 1st or 2:1 honours degree in physics, astrophysics, mathematics, engineering or a related subject.

### English language

IELTS 6.5.

### Contact

Admissions Office  
e: [physics-pg@cardiff.ac.uk](mailto:physics-pg@cardiff.ac.uk)  
t: +44 (0)29 2087 6457



Weekly tutorials are an integral part of your MSc experience



# Politics and International Relations



**The Department of Politics and International Relations prides itself on world-class research and an international reputation for excellence.**

Our Department of Politics and International Relations is **one of the largest in the UK**

**81%** of our research was rated as **world-leading** or **internationally excellent**  
(REF 2014)

**97%** of our graduates of 2015/16 who were available for employment had secured work or further study\*

\*combined data for the School of Law and Politics

## Cardiff**Connected**

"I decided to take this programme as I wanted a masters that matched industry-specific technical skills with academic skills. What I enjoyed most was the breadth of module topics available – from in-depth analysis of devolved policies in Wales to a very current and conceptual introduction to International Political Economy. I now work in Public Affairs and Policy at an international airport and the skills I gained during this programme enable me to fulfil the demands of my role."

**Lisa** MSc Politics and Public Policy



## Postgraduate Taught

### International Relations

This programme is designed to give you a comprehensive grounding in the disciplinary and academic skills that are central to the study of International Relations. The programme bridges the sub-fields of international relations theory, political philosophy, political science, international law, foreign policy analysis, diplomacy, international history, and international political economy.

#### Example modules include:

American Foreign Policy; Introduction to Digital Technologies and International Relations; Just War, Humanitarian Intervention and Global Justice; Popular Culture; World Politics; Public International Law.

**MSc Econ:** 1 year FT, 2 years PT

### Politics and Public Policy

This programme is designed to provide a comprehensive understanding of the nature of public policy, how political problems are identified, how policies are made, the factors affecting their success or failure, and how the power to make policies might be constrained. The focus of the programme is not limited to public policy, but encompasses how we engage and understand key contemporary political debates. Over the course of the programme, students will be given the conceptual, analytical and practical skills that are essential to policy analysis and provide a springboard for further postgraduate research, or a career in the policy-making world.

#### Example modules include:

Public Policy; Governing and Policy-Making in Britain; Themes

and Debates in Contemporary Comparative Politics; Government from the Inside: from the Minister's Viewpoint.

**MSc Econ:** 1 year FT, 2 years PT

### Welsh Government and Politics

This programme provides an informed insight and understanding of the political landscape of Wales. Owing to devolution and distinctive historical and cultural factors, Welsh politics today is a fascinating and fast-evolving topic of study. The relevance of the programme is not confined to Wales. However, issues relating to shared sovereignty and multi-level governance are central to contemporary political debates. The Welsh case provides a fascinating study of broader trends in European and global governance. Many students who complete this programme find employment in both the public and private sectors.

#### Example modules include:

The Law of Devolution in Wales; Contemporary Welsh Politics; Devolution and Public Policy in Wales; Government from the Inside; Public Policy.

**MSc Econ:** 1 year FT, 2 years PT



Our programmes are led and supported by leading academic researchers, all of whom are experts in their fields of study

#### Entry requirements

Suitable for graduates who normally possess a 2:1 degree classification in a relevant subject area.

#### English language

IELTS 6.5 (with 6.5 in writing and 6.0 in all other sub-scores).

#### Contact

e: lawpladmissions@cardiff.ac.uk  
t: +44 (0)29 2087 6102

# Postgraduate Research

## Politics and International Relations

Our Politics and International Relations academics are at the forefront of their research areas. With a combination of established researchers with international reputations, and younger scholars, we have a dynamic and forward-looking research ethos. We pride ourselves on providing an enthusiastic and intellectually stimulating environment for postgraduate research to those wishing to study a full or part-time PhD or MPhil, with supervision available across a wide range of research topics.

We host active research groups and centres in a range of fields, including Welsh Governance;

Political Theory; Digital Technologies and Global Politics; Critical Global Politics; Global Environmental Politics; Law and Global Justice. Each research postgraduate participates in the work of one of the research groups and will be offered opportunities to present their own projects. In addition, postgraduates participate in Research in Progress seminars. This seminar series is designed to allow students to present issues relating to their own research, and to hear papers from staff. Prospective students are encouraged to look at staff webpages to identify potential supervisors or supervision teams. Opportunities to work across law and politics exist in all fields and such applicants are very welcome.

**PhD:** 3 years FT, 5 years PT

**MPhil:** 1 year FT, 2 years PT

**Intake:** January, April, July, October

**Research areas:** British Politics; American Politics; Cold War History; Critical Military Studies; Cybersecurity and Internet Governance; Environmental Politics; European Politics; Feminism and Critical Global Politics; Global Governance; Global Justice; International Relations and Technology; International Relations and Practice Theory; Nuclear Politics; Political Theory; Post-Colonial Studies; Public Policy; Welsh Politics and Governance; Security Studies.

### Entry requirements

The normal requirement for admission to all Research programmes in the School is a 2:1 degree award, or the overseas equivalent, in a relevant subject. However, we consider all individual applicants on their specific merits.

If you do not have the standard qualifications for the course you may still apply and your application will be considered. (Interviews may be conducted to identify and assess the academic merit of prospective students).

### English language

IELTS 6.5.

### Contact

MPhil/PhD Enquiries,  
Cardiff Law School  
e: lawpol-pgr@cardiff.ac.uk  
t: +44 (0)29 2087 4351



The Senedd, also known as the National Assembly building, located in Cardiff Bay



# Psychology



**With acknowledged excellence in research and teaching, and being one of the largest psychology departments in the UK, we offer a range of postgraduate opportunities.**

Our research quality was **ranked 2nd in the UK** for Psychology (REF 2014)

Our School was ranked in the **top 40** in the QS World University Rankings by Subject 2018 and has appeared in the **top 50** for the last five years

Cardiff University Brain Research Imaging Centre is one of Europe's top facilities for brain imaging, bringing together **world-leading expertise** in brain mapping

## Cardiff**Connected**

"My time at Cardiff University has been a fantastic experience. Arriving from Canada in April of 2013, my dissertation evolved considerably as I developed crucial research skills. I was also afforded the opportunity to take on a large teaching load; something that I thoroughly enjoyed. Overall, Cardiff has provided me with all the skills I need going forward."

**Jonathan** PhD Psychology



# Postgraduate Taught

## Children's Psychological Disorders

The MSc in Children's Psychological Disorders will equip you with a thorough theoretical understanding of the psychological factors that cause and maintain cognitive, emotional and behavioural problems in children.

Taught by leading international experts, you will discover and research how both mental health difficulties and neurodevelopmental conditions, which include anxiety, depression, ADHD, autism and conduct disorder, emerge in childhood. You will also gain an in-depth knowledge of how these conditions can best be assessed; enabling you to subsequently inform intervention and advise the best course of treatment.

**Example modules include:** Origins of Developmental Psychopathology; Introduction to Clinical and Educational Psychology; Child Assessment and Intervention; Child Development Disorder Research Project.

**MSc:** 1 year FT, Entry requirements: 1st or high 2.1 in Psychology or a Psychology related subject (or equivalent), from a course recognised by the British Psychological Society (BPS). Applicants will need to be able to handle scientific concepts, be numerate and have excellent writing skills. A-levels in biology, chemistry, mathematics, English or history at grade A are desired.

**English language:** IELTS 7.5 with a minimum score of 7.5 in writing and a minimum score of 5.5 in each remaining sub-score.

**Contact:**  
e: psych-msc-childdisorder@cardiff.ac.uk

## Cognitive and Behavioural Therapies

Two BABCP-accredited programmes are available for mental health professionals to develop skills in effective Cognitive Behavioural Therapies (CBT). All training is delivered by BABCP accredited practitioners and the content closely adheres to the Department of Health competency framework for CBT. Acquisition of skills is ensured through a variety of teaching methods, supervised practice and assessed clinical work. Students completing this programme have an excellent grounding in CBT.

The postgraduate diploma in CBT is available as a second year, following on from the postgraduate certificate, and enables health staff to develop further competence in high intensity CBT. Students completing this programme have a high-level of clinical skill in CBT. Participants on the programmes work with adults, children and older adults, in a wide range of settings.

Accreditation by BABCP ensures an excellent standard of training. Some further criteria would have to be met for full practitioner accreditation with BABCP.

**PgDip:** 2 years PT

**PgCert:** 1 year PT

### Entry requirements:

Applicants are expected to be graduates with a core profession in mental health, or obtain the equivalent through the BABCP Knowledge and Skills Assessment.

**English language:** IELTS 6.5.

**Contact:** CBT Admissions  
e: cbt-admin@cardiff.ac.uk  
t: +44 (0)29 2087 0360

## Neuroimaging: Methods and Applications

This programme aims to provide students with knowledge and understanding of a variety of neuroimaging techniques and their application to cognition and behaviour in health and disease. You will learn through a variety of teaching methods and hands-on activities including lectures, journal clubs, workshops, computing sessions, and lab classes - we pride ourselves on our level of contact time with you. Classes are led by international experts in both the methods and applications of neuroimaging. Based in Cardiff University Brain Research Imaging Centre (CUBRIC), which has recently been expanded with a £44M investment, you will have access to a wide range of equipment, including: Magnetic Resonance Imaging (MRI), Magnetoencephalography (MEG), Electroencephalography (EEG, including EEG sleep labs) and Brain Stimulation (TMS/TDCS). The course aims to put you in a competitive position for a PhD studentship or research position in neuroimaging.

### Example modules include:

Introduction to Neuroimaging Methods; Research Design and Analysis in Neuroimaging; Memory: Functions and Failures; Clinical Neuroimaging Research; Neuroimaging Research Project.

**MSc:** 1 year FT

**Entry requirements:** Minimum 2:1 in a relevant science based degree.

**English language:** IELTS 7.0.

**Contact:**  
e: psych-masters@cardiff.ac.uk  
t: +44 (0)29 2068 8815

## Social Science Research Methods (Psychology)

This programme provides advanced training in research methods across the full range of the social sciences and meets the training requirements for ESRC PhD funding. It provides students

with a thorough knowledge of research design, data collection, and the principal methods of analysing social scientific data.

**MSc:** 1 year FT, 3 years PT

**PgDip:** 1 year FT, 2 years PT

**Entry requirements:** 2:1

**English language:** IELTS 6.5 with a minimum score of 6.5 in writing and a minimum score of 5.5 in each remaining sub-score.

**Contact:** Social Science Research Methods Administrator

e: SOCSlpostgrad@cardiff.ac.uk

## Postgraduate Research

### Educational Psychology

The aim of the full-time Professional Training Doctorate in Educational Psychology Programme is to offer knowledge and expertise for a career as an educational psychologist (EP), via doctorate-level study. Trainees develop academic, professional and research skills over the course of the three years of study.

Completion of the programme confers eligibility to apply for registration as an educational psychologist with the Health and Care Professions Council (HCPC) and to the British Psychological Society (BPS) for Chartered EP status.

**DEdPsy:** 3 years FT

**Intake:** September

**Research areas:** Research Methods in Educational Psychology; Processes and Methods of Assessment; The Psychology of Learning; Managing Change; The Psychology of Behaviour; Managing Change; Understanding and Working with Systems, Organisations and Groups; Managing Change; The Role of the Educational Psychologist; Managing Change.

**Entry requirements:** A qualification in psychology which confers eligibility for the Graduate Basis for Chartered Membership (GBC) of the British Psychological Society (BPS), usually by the December preceding the start of the programme. Relevant experience working with children and young people (0-25), of at least a year.

**English language:** IELTS 7.5 (sub-scores 7.5).

**Contact:** Doctorate in Educational Psychology Enquiries

e: dedpsyadmin@cardiff.ac.uk

t: +44 (0)29 2087 5381

### Clinical Psychology

The DClinPsy programme is a full-time three year professional doctorate, leading to the award of Doctor of Clinical Psychology, validated by Cardiff University and is the basis for registration with the UK Health and Care Professions Council (HCPC). Trainees are currently full-time salaried NHS employees of Cardiff and Vale University Health Board (UHB) and full-time postgraduate research students at Cardiff University. We are currently progressing toward secondary accreditation in CBT and Systemic Therapy, and also engaging with the fast-track route to Post-Doctoral Clinical Neuropsychology training.

**DClinPsy:** 3 years FT

**Intake:** October

**Research areas:** Recovery from Stroke; Spinal Injury; Post-traumatic Growth; Recovery from Psychosis; Autism; Intellectual Disability Syndromes, child development and wellbeing.

**Entry requirements:** At least a 2:1 or equivalent in Psychology. A postgraduate master's degree (or equivalent) would strengthen your application, but is certainly not a requirement. BPS Graduate Basis of Registration (GBR) or equivalent.

**English language:** All applications must be proficient in written and spoken English.

**Contact:**

DClinPsy Main Office

e: cav\_psychology.training@wales.nhs.uk

dclinpsy@cardiff.ac.uk

t: +44 (0)29 2087 0582

**For applications:**

www.leeds.ac.uk/chpccp

### Psychology

The School of Psychology is an excellent environment in which to do research. We welcome applications from students interested in researching for a PhD in a number of areas.

**PhD:** 3 years FT, PT opportunities available

**Intake:** January, April, July, October

**Research areas:** Cognitive Science; Developmental and Health Psychology; Neuroscience; Social and Environmental Psychology.

**Entry requirements:** At least a 2:1 or equivalent. Psychology or in a related discipline. A postgraduate master's degree (or equivalent) would strengthen your application, but is certainly not a requirement.

**English language:** IELTS 7.5 (sub-scores 7.5).

**Contact:** Clair Southard

e: psych-phd@cardiff.ac.uk

t: +44 (0)29 2087 5381

Professor Tom Freeman

e: psych-phd@cardiff.ac.uk

t: +44 (0)29 2087 5381



# Social Sciences



**We are an interdisciplinary teaching and research community and internationally recognised centre of excellence.**

Ranked **3rd** in the UK for research quality in Sociology and **5th** for Education (REF 2014)

We enjoy **excellent links** with local and national government, major private and public sector organisations and the third sector

We have one of the highest levels of research grant capture in the UK, securing over **£48million** since 2010

## Cardiff**Connected**

"The diversity in backgrounds & knowledge amongst the teaching staff, coupled with a research-led teaching approach, first class facilities and a pleasant environment made for a very positive student experience. My pre-existing ideas and views were continuously challenged and further developed. It was stimulating and inspiring being introduced to new ways of thinking, helping make better sense of our social realities within a social work context. I felt thoroughly prepared for social work practice at the end."

**Adam** MA Social Work



## Postgraduate Taught

### Childhood and Youth

Childhood and Youth is a growing field of inquiry across the social sciences. This MSc offers the opportunity to examine leading theories, methodologies and research evidence, in order to understand the relationship between the conceptualisation of childhood, methodological approaches to researching with children and young people, and the social impact of childhood policies and practices in a variety of social and cultural contexts, and across the young life course. It is aimed at practitioners, policy makers and postgraduates who want to develop their knowledge of childhood and youth, and learn approaches to conducting research with these groups.

#### Example modules include:

Contemporary Issues in Childhood and Youth Studies; Research, Policy and Practice in Childhood and Youth Studies; Critical Perspectives in Social Science; Principles and Practice of Research Design and Methods; Social Contexts of Education.

**MSc:** 1 year FT, 2 years PT

### Crime, Safety and Justice

Our MSc in Crime, Safety and Justice aims to produce graduates capable of 'problem-solving' in the fields of crime, safety and justice. We base the programme on the 'SARA' mnemonic - scanning, analysis, response, assessment - a familiar scheme in policing and crime prevention practice,

as well as in the academy and in criminological research. Our problem-orientated learning approach emphasises how to apply subject-specific knowledge to the analysis of, and response to, instances of crime, safety and justice in the public, voluntary and commercial sectors.

#### Example modules include:

Researching Crime, Safety and Justice; Principles and Practice of Research Design and Methods; Responses to Crime, Safety and Justice; Criminal Justice in Europe; Critical Perspectives in Social Science.

**MSc:** 1 year FT, 2 years PT

### Education, Policy and Society

As education becomes increasingly globalised, schools and education systems around the world are frequently being shaped by a common set of global education policies and ideologies. This programme aims to develop your ability to critically analyse dominant ideologies, policies and practices; to understand the forces that are driving them, their shortcomings and likely outcomes; and to discover and engage with alternative models of education, training, teaching and learning, at the early childhood, primary, secondary and post-secondary levels, and in non-formal and informal contexts outside the formal education system altogether.

**Example modules include:** Critical Perspectives in Social Science; Global Futures in Education; Principles and Practice of Research Design and Methods; International and Comparative Skills Systems; Social Contexts of Education.

**MSc:** 1 year FT, 2 years PT

### Science Communication

This degree aims to offer knowledge and expertise relating to the organisation and funding of scientific research, the reporting of scientific innovation and controversy, and the role of citizens, experts and the media in scientific decision making and science communication. You will receive training in presenting science via news media, or directly to audiences ranging from school children to the general public. This joint interdisciplinary science communication degree is offered by the School of Social Sciences and the School of Journalism, Media and Culture.

**Example modules include:** Media, Science and Health; Governing the Internet: Digital Freedoms and Restrictions; International News Production; Introduction to Science, Technology and Society; Public Engagement with Science and Technology.

**MSc:** 1 year FT

**Entry requirements:** 2:1 at undergraduate level or equivalent. Preferably a Science, Technology, Social Science, Engineering or Maths subject. Relevant experience will be considered.

#### Entry requirements

Second class degree or above at undergraduate level or equivalent. Preferably a social sciences or humanities subject unless stated.

#### English language

IELTS 6.5 (with a minimum of 6.5 in writing and at least 5.5 in all other sub-scores) unless stated.

#### Contact

Taught Masters Administrator (unless stated)  
e: socialscienceadmissions@cardiff.ac.uk  
t: +44 (0)29 2087 0284  
+44 (0)29 2087 4809

**English language:** IELTS 7 (with a minimum of 6.5 in writing and at least 6.0 in all other sub-scores).

## Social and Public Policy

This programme will equip you with the theoretical, conceptual and analytical tools to examine contemporary social and public policies in both national and international contexts, interpreting a range of evidence in analysing policy developments and their social impacts. We will enable you to deepen your understanding of the major aspects of social and public policy, including competing conceptions of citizenship and how these inform social policy; contemporary forms of governance and public policy implementation, and the use of theories and research evidence to analyse and explain social and public policy change.

### Example modules include:

Critical Perspectives in Social Science; Principles and Practice of Research Design and Methods; Citizenship and Social Policy; Democracy, Politics and Institutions: Exploring Governance and Public Policy; International and Comparative Social and Public Policy.

**MSc:** 1 year FT, 2 years PT

## Social Science

This MSc allows you to create a bespoke programme of study that draws on our expertise in fields such as sociology, criminology, education studies, childhood and youth studies, and social and public policy. You will develop your knowledge, skills and understanding of social scientific theory and research methods, alongside more specialist material. You will gain a range of transferable skills for the workplace, as well as a foundation for further training in a variety of professional fields.

### Example modules include:

Critical Perspectives in Social Science; Principles and Practice of Research Design and Methods; Advanced Concepts in Contemporary Sociology; Responses to Crime, Safety and Justice; Global Futures in Education.

**MSc:** 1 year FT, 2 years PT

## Social Science Research Methods

Our MSc in Social Science Research Methods aims to provide advanced training in research methods across the full range of the social sciences. You will be provided with a thorough theoretical and practical knowledge of how to construct effective research studies, of the variety of data collection methods available to the social scientist and of the principal methods of analysing social scientific data. We offer five pathways in social science subjects: Criminology; Educational Studies; Social Policy; Social Work; Sociology. Our course pathways have Economic and Social Research Council (ESRC) recognition and each provides the appropriate training for proceeding to a PhD.

### Example modules include:

Developing Core Research Skills; Foundations of Social Science Research; Qualitative Research Methods; Quantitative Research Methods; Research Applications

**MSc:** 1 year FT, 3 years PT

**PgDip:** 1 year FT, 2 years PT

**Entry requirements:** 2:1 at undergraduate level or equivalent.

## Skills and Workforce Development

Our MSc Skills and Workforce Development is taught in Singapore in partnership with the Institute for Adult Learning, Singapore. It is aimed at practitioners, policy makers and

researchers in the East Asian region. This innovative programme aims to develop expertise and enhance professional capacity in the field of employment, skills and workforce development in a changing global context. We seek to provide you with the knowledge and analytical tools to develop and assess alternative policy interventions, identify and seek solutions to challenges in workforce development, and undertake effective research in the field.

**Example modules include:** Skills and Performance in the Workplace; Globalisation and the Future of Work; Workforce Development Policy and Competitiveness; Research Methods and Techniques in Context.

**MSc:** 2 years PT at another institution

**Entry requirements:** 2:1 at undergraduate level (or equivalent) and at least two years of work experience in skills or employment-related issues.

**English language:** IELTS 7.0

**Contact:** MSc Skills and Workforce Development Programme Administrator  
e: swdmasters@cardiff.ac.uk  
t: +44 (0)29 2087 4021

## Professional Programmes

### Social Work

Our MA Social Work programme allows you to build upon academic and occupational experience and achieve a professional qualification in social work. You will benefit from strong tutorial support, teaching informed by research and practice, and access to a range of placement opportunities in specialist fields. Situated within the broader environment of social sciences, this programme provides a theoretical and critical approach



to the acquisition and appreciation of knowledge about social work practice and its context. Principles of human rights are core.

**Example modules include:**

Introduction to Social Work Theory and Practice; Social Work with Children, Youth and Families; Social Work with Adults; Working with Individuals, Families, Groups and Communities; Working In and Across Organisations.

**MSc:** 2 years FT

**Entry requirements:** GCSE Maths grade A-C. 2:2 at undergraduate level and relevant employment or voluntary based social work experience. Candidates without a degree, but with at least three years experience may be considered.

**English language:** IELTS 6.5 (with a minimum of 6.5 in writing and at least 5.5 in other sub-scores).

**Contact:** MA Social Work Programme Administrator  
e: masw@cardiff.ac.uk  
t: +44 (0)29 2087 4967

## Professional Graduate Certificate in Education (PGCE) in Post-Compulsory Education and Training (PCET)

This one-year full-time PGCE programme is designed for those wanting to teach in post-16 contexts e.g. higher and further education, colleges, as well as in professional contexts.

The programme integrates both theoretical and practical approaches to teaching and learning. Through taught sessions and mentored teaching practice in the workplace you will learn about employment in the sector, how to plan lessons in your subject, how to teach, engage and assess learners, how to manage the learning environment, and how to understand and use theory and research to broaden and improve your professional knowledge and expertise in teaching.

**PGCE:** 1 year FT

**Entry requirements:** a 2.2 degree or above (or equivalent). Applicants with extensive work experience will be considered on an individual basis.

**English language:** IELTS score of 6.5 (5.5 in each sub-score)

**Contact:** PGCE Programme Administrator  
e: pgce@cardiff.ac.uk  
t: +44 (0)29 2087 4021



## Postgraduate Research

### PhD

#### Social Sciences

Research training is a strong feature of our PhD programme. We are committed to theoretically informed research with a clear policy focus. We offer research opportunities for postgraduate study in sociology, social policy, criminology, science and technology studies, social work and education, and also encourage applications from students who wish to pursue interdisciplinary studies.

We collaborate with major universities and international agencies around the world, as well as with local policy makers and practitioners. Our research environment includes a wide range of active research groupings, seminar series, and informal study groups. Our PGR Café, a student-led initiative, provides a unique intellectual forum and support network for those pursuing doctoral studies. You will be supervised by two qualified, experienced academic staff who will guide and advise

you through regular meetings. We are part of the Wales Doctoral Training Partnership and funded by the Economic and Social Research Council.

**PhD:** 3-4 years FT, 5-7 years PT

**MPhil:** 1-2 years FT, 2-3 years PT

**Intake:** January, April, July, October

**Research areas:** Science, Technology and Risk; Crime, Security and Justice; Education and Education Policy; Health and Social Care; Inequality, Labour and the Future of Work; People, Place and Policy.

**Entry requirements:**

2:1 or above at undergraduate level and/or a master's degree.

**English language:**

IELTS 7.0.

**Contact:**

Graduate Office  
e: graduateoffice@cardiff.ac.uk  
t: +44 (0)29 2087 4972

## Professional Doctorate

The Professional Doctorate is a part-time doctoral research degree scheme. It is fully equivalent to the PhD, but substantially different from it, in that it is strongly professionally orientated, focusing on 'applied' rather than 'pure' research. This inter-professional learning allows you to reflect on what is shared across professional boundaries and what is distinctive to your own occupation.

### Doctor of Education

The EdD programme enables experienced students to reflect on their own identity and practice, based on contemporary educational issues and their interaction with the wider framework of educational systems and social, cultural and political contexts. Particular attention is paid to theoretical frameworks; relevant questions of power; professional identity; leadership and governance; and equality in the context of educational practices and organisations.

**EdD:** 5-7 years PT

**Intake:** October

**Research areas:** Education and Education Policy.

### Doctor of Health Studies

The Health Studies taught modules introduce a range of social science perspectives and methodologies, in order to explore the contemporary importance of health, medicine and health care organisation policy and practice, and how these interact with social capital, economic and material

environments, public services and positive community wellbeing.

Research-based and critical understanding in relation to key aspects of community, wellbeing, health, illness and medical sociology are promoted.

**DHS:** 5-7 years PT

**Intake:** October

**Research areas:** Health and Social Care.

### Doctor of Social and Public Policy

The Social and Public Policy taught modules are designed to respond to the developmental needs and interests of those employed within UK regional government and local authorities, as well as research institutions. The modules prepare students to make informed judgements on complex issues, such as the successful construction and operation of 'multi-level' and 'inclusive' governance and its implications for policy-making; negotiating the requirements of equal opportunities legislation; and administration responsibilities in public policy settings.

The modules draw on a range of theoretical perspectives and explore empirical studies that relate to the public, private and voluntary sectors.

**SPPD:** 5-7 years PT

**Intake:** October

**Research areas:** Inequality; People, Place and Policy.

### Doctor of Social Work

The Social Work taught modules facilitate considered reflection on social work practice. Contemporary debates about the politics of social work; anti-discriminatory practice; evidence-based and reflective practice; social work theory; social work ethics and values, and changing legislation in Wales, England, Scotland and Northern Ireland are covered. It is recognised that many candidates will be managers or teachers of social work practice, rather than practitioners, and module assessment reflects this.

**DSW:** 5-7 years PT

**Intake:** October

**Research areas:** Social Care; People, Place and Policy.



We are located in the historic Glamorgan Building, just a short walk from the main University facilities, as well as the city centre's amenities and transport links

#### Entry requirements:

A good first degree, normally a master's, and two years professional experience in a relevant field.

#### English language:

IELTS: 7.0.

#### Contact:

Graduate Office  
e: [graduateoffice@cardiff.ac.uk](mailto:graduateoffice@cardiff.ac.uk)  
t: +44 (0)29 2087 0855

# Welsh



**We are a vibrant and welcoming community of academics and students committed to the development of language, society and identity in contemporary Wales.**

**84%** of our submitted research was rated as **world-leading** or **internationally excellent**\*  
(REF 2014)

\*joint submission with the School of Modern Languages

**Ranked 7th in the UK** for our research quality in 'Modern Languages and Linguistics' (REF 2014) and achieved **100%** for research impact\*

\*joint submission with the School of Modern Languages

Our **innovative** and **interactive** MA programme has achieved a 100% score for overall student satisfaction for two consecutive years\*

\*Postgraduate Taught Experience Survey 2016 and 2017

## CardiffConnected

"Coming from Ireland, I've always had a deep-seated passion for different aspects of Celtic studies, from language to history, literature and law. The MA has afforded me the invaluable opportunity to pursue academic topics tailored specifically to my individual interests. For me, this undoubtedly places the course miles ahead of others in its field. The faculty and staff at the School are second to none and each academic is an expert in their field. The hands-on and personable approach I have experienced is a testament to the course's organisation and execution. Being granted the chance to learn Welsh for the first time has been a highlight."

**John** MA Welsh and Celtic Studies





## Postgraduate Taught

### Welsh and Celtic Studies

Our innovative and highly flexible MA is tailored to your interests and our faculty's expertise. It offers you the chance to explore the relationship between literature, language, culture and identity across the centuries.

From medieval literature to contemporary language planning and policy, the exact content of the course will be tailored to suit your individual research interests and be based around faculty expertise.

We will help you to develop advanced academic skills in

your chosen area of study and to undertake original research. Examples of ground-breaking MA research in recent years include linguistic landscape mapping, creative literary criticism, intertextuality and medieval Welsh literature, and digital technologies and minority languages.

You can study our postgraduate programmes through the medium of Welsh or English. If you choose to study through the medium of Welsh, you will need to demonstrate your proficiency in the language.

**Modules include:** A core Academic and Professional

Research module to enhance your knowledge and understanding of research and employability skills, and Special Subject research-led modules on your chosen areas of study.

**MA:** 1 year FT, 2.5 years PT



#### Entry requirements

A 1st or a 2:1 UK honours degree, or equivalent, is required.

#### English language

IELTS 6.5.

#### Contact

e: [derbyncymraeg@cardiff.ac.uk](mailto:derbyncymraeg@cardiff.ac.uk)

## Postgraduate Research

### Welsh

The originality, quality and breadth of our research, coupled with our excellent reputation, make us an attractive destination for PhD study.

Our research interests are varied and include Welsh language, literature, culture and identity; creative and critical writing; and the social and international aspects of language planning, acquisition and policy.

**PhD:** 3 years FT, 5 years PT

**MPhil:** 1 year FT, 2 years PT

**Intake:** January, April, July, October

**Research areas:** Welsh literature (medieval, renaissance, modern); Literary and Critical Theory; Bilingualism; Sociolinguistics (including Patagonia and Ireland); Language Planning and Policy; Textual Transmission: Oral and Written; Welsh American Studies; Second Language Acquisition/ Welsh for Adults; Creative and Critical Writing.



#### Entry requirements

A 1st or a 2:1 UK honours degree, or equivalent, is required.

#### English language

IELTS 6.5.

#### Contact

e: [derbyncymraeg@cardiff.ac.uk](mailto:derbyncymraeg@cardiff.ac.uk)



# How to Apply

You will find that applying for most taught and research postgraduate programmes can be done online and directly to the University from our Coursefinder pages.

Once you have identified your area of interest and programme of study using the information in the Academic School pages (starting on page 28), use our step-by-step guide to help navigate through the process.

## STEP 1: Review Entry Requirements

Entry requirements, including English language requirements, vary between programmes. You will find entry requirements listed on our coursefinder pages with more specific information on our website, where you will also find a list of accepted English language tests and exams.

## STEP 2: Check Key Dates and Deadlines

The majority of our taught programmes start in late September. Although most taught programmes do not formally close for applications until the programme start date, you are advised to apply as early as possible as places are limited and programmes may close for applications as they become full. Where programmes operate an application deadline, this is indicated on our website.

Entry to our MPhil and PhD programmes is typically available on four dates through the year: 1 October, 1 January, 1 April and 1 July. Selected programmes and other research

programmes may have fewer entry dates. Entry to our Doctoral Training Programmes is usually on 1 October each year. Start dates are indicated within the Academic Schools section. Funded studentships usually have an application deadline and specify the start date in the advert.

## STEP 3: Investigate Funding Options

Unless you intend to apply for a fully-funded studentship (typically for PhD studies), we would advise you to determine how you will fund your studies before making an application.

Some postgraduate funding options may require you to have secured an offer of admission prior to applying for the funding. For more information on funding, see page 25.

## STEP 4: Submit an Application

Your application will typically include a supporting statement, at least one reference, proof of your English language abilities, and evidence of any qualifications you have already achieved. You can begin your application without evidence of any pending qualifications, but any offer you receive may be conditional until such point as this evidence is provided. For a research degree application,

you may be required to write a research proposal.

You can submit an application directly using our Online Application Service, which also allows you to save your progress and return at a later time. You will receive an automatic acknowledgement of your application when submitted and be granted access to the Online Applicant Portal, where you can track your application, upload any additional supporting documents and update your contact details.

## Your Offer

You can track the progress of your application in our Online Applicant Portal. You will also receive an email containing the details of your offer.

Most applicants will receive an offer within four weeks, although some applications may take longer. Your offer could be:

### Conditional

You need to submit additional evidence. In most cases this will mean providing copies of your qualification certificates when they become available.

### Unconditional

You have been offered a place – congratulations!

**UK/EU students:** In most cases, all you will need to do to secure it is to accept your offer.

**International students:** You will need to accept your offer and pay a deposit to secure your place.



## Applying for an MPhil or PhD

It's important that you conduct some background research to help you identify the MPhil or PhD programme that can support your research interests and career goals. Remember to look at a variety of Schools, Research Group and Institutes, as research becomes more interdisciplinary you might find what you're looking for in an unexpected place.

There are opportunities to apply with your own idea, to a pre-defined research project or a narrow research area. Each route offers opportunities for funded and self-funded study.

We advertise funded opportunities throughout the year, but particular peak times are November/December and February-April.

It is important that you check for any specific application guidelines, such as deadlines, eligibility and application processes.

### Apply With Your Own Idea and Find a Supervisor

Use the Academic School pages and research areas index in this prospectus to help match your idea with the research interests of a School. Before submitting your application, including your research proposal, it is a good idea to discuss your proposal with the School and a potential supervisor. They may be able to suggest improvements, direct you to a more suitable supervisor and help you identify funding opportunities.

### Apply to a Pre-defined Research Project

Many Schools advertise research projects that have been proposed by supervisors. These projects are advertised at different time during the year, many are funded, particularly for home fee paying students, and others accept self-funded or sponsored students. To apply for these projects you usually do not need to submit a research proposal, however, you should discover more about the potential supervisor and project before you apply.

### Apply to a Narrow Research Area

Some Schools advertise narrow research areas, where the specific project has not been detailed, but the supervisors and topic have been identified. These opportunities allow you to develop your research with a supervisor in a specified area, this may happen at the application stage or during your first year of PhD study.

### Apply to a Doctoral Training Initiative

Our research-excellent profile and reputation enables us to secure funding for doctoral study from a wide range of sources. In particular, we are currently leading or participating in a range of specific doctoral training initiatives. Each of these has its own application process and deadlines.



### Your Research Proposal

If you need to write a proposal as part of your research application, it should outline your proposed area of study and what you hope to achieve through your inquiry. We always advise you to contact the Academic School that your area of interest is based within so that they can provide you with specific requirements, as these vary in terms of length and structure of the proposal.

As a general guideline, a research proposal may include:

- title for the proposed research project
- a concise summary of the research project
- literature review
- aims and questions to be addressed
- significance of the research
- methodology and design
- list of key academic publications.





Tuition fees vary depending on the course you decide to study, mode of study (full-time, part-time, blended learning or distance learning), and whether you are classified as a home or overseas student.

Whether you pay home or overseas fees depends on whether you meet certain eligibility criteria regarding your residency and/or nationality.

For an up-to-date list of fees and our tuition fee policy, please visit our website.

## Fees

You can pay your fees in full before or on enrolment, or in three instalments. Enrolment is not complete until fees have been paid in full or arrangements to pay by instalments have been made.

If you are sponsored for the payment of your fees from sources other than Cardiff University, you should provide proof of sponsorship to us before enrolment. It is your responsibility to inform your sponsor that tuition fees are to be paid by 31 December following enrolment.

## Deposits for Postgraduate Taught Programmes

We will ask you to pay a deposit towards your tuition fees in order to secure your place of study if:

- ▶ you are classed as an international/overseas applicant for tuition fee paying purposes and have been offered a place on a postgraduate taught programme
- ▶ you are a UK/EU offer holder applying to a degree programme in the School of Medicine, the School of Dentistry or the Centre for Professional Legal Studies in our School of Law and Politics.

This applies to full-time and part-time, on campus and distance learning programmes, exemptions apply.

For entry 2018/19, deposit amounts were:

- ▶ £5,000 for clinical programmes (MSc Clinical Dermatology, MSc Implantology, MScD Orthodontics, Master of Clinical Dentistry (Endodontology), Master of Clinical Dentistry (Prosthodontics), PgDip Implant Dentistry)
- ▶ £1,000 for all other postgraduate taught programmes.

You will receive confirmation of your deposit amount, the payment deadline and information about how to make your payment in your formal offer.







## Cathays Park Campus

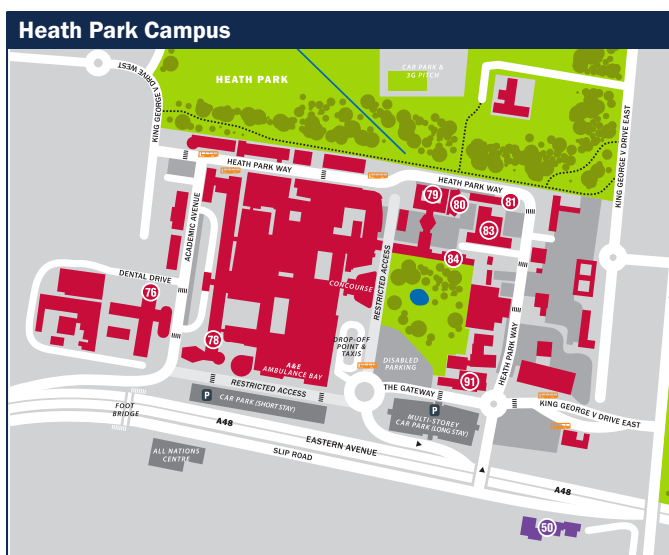
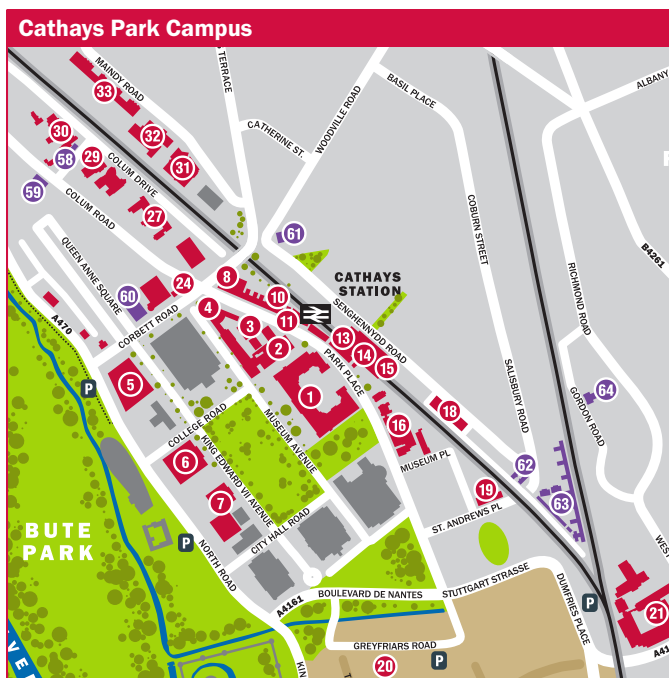
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# Location

The academic buildings, libraries, Students' Union, most of the student residences and the city centre are within a short walking distance of each other.



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# Travelling to Cardiff

## By Air

Cardiff benefits from its close proximity to two international airports, Cardiff Airport and Bristol Airport. In addition, Birmingham, Manchester and all London Airports are also accessible by inter-city train or coach.

## By Rail, Coach or Bus

Cardiff is easily accessible by rail or coach from London and many towns and cities across the country. The Cardiff- London inter-city service, from London Paddington, departs approximately every 30 minutes throughout the day, with a journey time of just over two hours. Frequent regional network trains and coach services connect Cardiff with towns and cities across the UK.

Local bus services operate in and around Cardiff frequently.

### Train Services:

[www.nationalrail.co.uk](http://www.nationalrail.co.uk)

### Coach Services:

[www.nationalexpress.com](http://www.nationalexpress.com) [uk.megabus.com](http://uk.megabus.com)

### Bus Services:

[www.cardiffbus.com](http://www.cardiffbus.com)

## By Road

Cardiff is served by the M4 and is easily accessible from all parts of Britain.

If you are using satnav, the postcodes are as follows:

Cathays Park Campus (Main Building):

**CF10 3AT**

Heath Park Campus:

**CF14 4XN**

### Park and Ride Service:

[www.cardiff.gov.uk/parkandride](http://www.cardiff.gov.uk/parkandride)







We offer the information contained in this prospectus as a guide only. It does not constitute a contract and is not binding on prospective students, students or the University.

While we make every effort to check the accuracy of the factual content at the time of publication, some changes to the information in this prospectus will inevitably occur in the interval between publication and the academic year of entry to which the prospectus relates.

For example, courses and entry requirements may have changed in line with market and student demand, and research development. The modules featured in this prospectus are a sample and are not the full list.

You should not, therefore, rely solely on this prospectus and should visit our website for up-to-date information concerning course content and entry requirements for the relevant academic year when considering applying to the University.

If, however, you feel that any of the information is misleading then please write to:

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